

TO WHOM SO EVER IT MAY CONCERN

I The Individual known by or synonymous with any of the following names (including the way the name is spelled and all the derivable First, Last Name combinations from below for any purpose)

viz.

VENKATA RAVI SHANKER KOTA,
VENKATA RAVI SHANKAR KOTA,
VENKAT RAVI SHANKER KOTA,
VENKAT RAVI SHANKAR KOTA,
VENKATA RAVI SHANKER,
VENKATA RAVI SHANKAR,
K V RAVI SHANKER,
K V RAVI SHANKAR,
RAVI SHANKER K V,
RAVI SHANKAR K V,
RAVI SHANKAR,
SHANKER,
SHANKAR,
RAVI

Born to SHRI K.V.S.R. ANJANEYULU & Late KVS BHADRAVATHI,

Bearing the following

PERSONAL PROFILE

Name : Venkat Ravi Shankar (Surnames `Kota : Paternal` , `Javadi :Maternal`)

Father : Venkata Sita Rama Anjaneyulu kota.

Mother: Venkata Siva Bhadravathi kota.

Faith : Born Hindoodoesn't specially subscribe to one (Religion as can be defined)

Date of Birth : Birth recorded with Government Medical Hospital , Guntur, the Birth of a male infant, on Saturday the 28th of FEBRAURY, 1976 ...one may also refer to the date of birth as recorded with Good Shepherds High School (L.K.G studies) , BazaarGhat ,Behind Anand Nagar colony, Khairthabad, Hyderabad

Recorded as 1977 on high school and other graduation titles issued, i.e. in eyes of law (as per the secondary school certification vide Registration No: 0046698) for those in corridors of power, for those enforcing law,

Hence those implementing the said law and enforcing the same may notice that

the individual whose date of birth has been recorded as 28th of FEBRAURY,1976 and the individual whose date of birth has been recorded as 28th of FEBRAURY, 1977 are one and the same, a valid and alive ... in the context of law or treatment of a individual

or entity from the perspective of business , including insurance related matters

Mishaps : Both paternal and maternal families victim's of Geo – Political disturbances, Business and families patriarch ...ancestral land, termed as nationalized ... a grandpa subjected to social outcast and pronounced as mentally deranged (a man with very high net worth ...probable unilateral arbitration from then reigning government of india and award of bonds ... a legal case that has been present in high court bench of guntur ...probable transfer to High court of madras

Most of the above transpired when what is or can be termed as India achieving independence (some of the above can be termed or attributed to aspirations of common man ... a change in regime)

...also a custodian battle that ensued with respect to my mother when she was a minor)

...mother being inflicted with death and pronounced ...as normal

Those perusing the opportunity as advertised are advised to read through the entire document and Indemnity as explained)

Personalities well known in the Family tree at their time :

Paternal Grand Father Shri Kota Purnaiah (Hailing from Bhattiprolu, Repalle taluk, Guntur District)

Maternal Great Grand parents Javadi Bhadraiah & Javadi Ratnamma (Hailing from Town of Guntur & ilavaram, repalle taluk, Guntur District respectively)

Marks of Identification at Birth : A patch on the left thigh

Thumb Impression : Refer to the section detailing Identification details.

Places of Residence and other Identification Details :

Having resided at the following places of Residence,

B-59, A.g. Colony, Hyderabad -500045.

Hara, closer to Bathha Riyadh,KSA.

Phoenicia Hotel, Fahad Al salem Street, Kuwait (NATO accord state)

C-229, A.G. Colony, Hyderabad -500045.

And Currently residing at

Viswa Shanti,



Bearing thumb Impression

Photo Identities:

(USH1B) :EAC0024751455(SSNO :155776948)

Other Identity cards held

Indian PP :A7282782 (travel to Riyadh, Kuwait validity Feb 1999 – Feb 2009)

8-3-976/41
Salivahan Nagar,
Near to SriNagar Colony,
Hyderabad -73

PAN :AKBPK7947B (used for tax filling as
Contractual employee)

(Falling under
the Panjagutta
Police Station Limits)

Contact Details

Email ID :

ravi_sha@india.com
ravivenkatus@yahoo.com
sharaven@netscape.net
ravi_sha@ureach.com

Contact Numbers :

+919848226880 (SIM : 89910704000000477979)
+919849196718 (SIM : 89914900040000140866)

OBJECTIVE: Profit from Opportunity ... solicitation or invitation for outsourcing of the enclosed market opportunities ...on negotiable terms ...for more information ...read through the complete document

MOTTO : Quest for Truth ... achieving perfection in a Craft or Art being the process of life, as also the survival of the fittest ... the Darwin's theory of evolution or Natural Process of Selection for Survival

Who ever designed or authored Murphy's set of guiding Principles or Laws has mastered the art of survival, hence I view Murphy's laws with a bit of Pessimism and a bit of Optimism

...reference to Murphy's law does not have any relevance to this document but only indicates the MOTTO or Ideology as can be defined or perceived

Declaration :

This is to confirm that enclosed BIODATA / Curriculum Vitae, and Specs of all Projects undertaken in the Past and those that are due are Original Independent work, derived from my own Market research viz. Independent Analysis of the nature of the opportunity, I Vouch for the authenticity of the Specifications and facts can be verified from the specified concern or an appropriate authority as may be deemed fit for the purpose.

Those Planning to Profit from Opportunities Mentioned or Conceptual Models or other theoretical models specified are requested to respect Intellectual Property, For All Practical Purposes this document be treated as an offer or Proposition for Business

I am an Independent Individual available for outsourcing or contracting opportunities to Business entities and functioning governments.

I write specifications for the next generation applications/devices, that are upscale and what more backward compatible with minimal of efforts for up gradation.

All products, processes drivable out of this research paper enclosed in the BIODATA here in are subject to IPR laws specifically NATO and G8 group of Nations.

An Important fact to be noted is that a BIO-DATA is IPR material by default.

Note: Though this is a resume(a resume or Bio-Data being a self explanatory document about the individual), I am not an individual looking for a job on a payroll rather am an individual offering my services / Projects mentioned here-in / specified / detailed in this document on contract basis also called outsourcing / as per the terms specified below.

It may also be noted of the fact that word contract and outsourcing are contextual, and their interpretation in context of this document is with reference to nature of the GOODS AND SERVICES' being offered by this individual.

This document is interpretable by Plain Standard English ...for reference one may refer to any Standard English Dictionary available off the shelf, It guarantee's that the document or any Portion of it does not have any concocted meaning(which includes slang)

Negotiable Instruments with Governments (NATO / US GOV /G8 nations) with written deed or agreement with myself as a signatory, all or (product /concepts/ideas/advice/solutions) on a case by case basis.

And

As is the case with copyrights , an agreeable amount to be paid every time (product/concepts/ideas/advice/solutions) from this document are utilized, ideally in the manner or means of debentures

And

All (product/concepts/ideas/advice/solutions) work based on a lease, except for those that are consumable commodities for which a percentage of the product cost is expected.

Or

Equity preferably in the form of debentures with guaranteed returns when dealing with commercial enterprises and all implementations in case of implementation of IT related projects in non IT firms with Equity on fresh IPO route notice the fact since most of the Products have been explained /Formula specified , I have a right to rise the capital.

(Ideal proportion being debentures and premium raised on initial capital)

And hence above specified fact state's Outsourcing in better form.

Or

Auctioning of the below mentioned concepts / ideas on a bidding Basis for retaining the right ..kind of patent + recurrent revenue(preferably Debentures....on the lines of commodity futures for all products resulting From the detailed concepts/solutions)

Since most of the concepts or ideas or advice or solutions proposed are generic in nature, any entity that might require any of the above (concepts or ideas or advice or solutions) to suit their needs are advised to contact for a customized solution suiting their needs. (while the option or channel of circumventing norms or regulations or pirating the idea are open as usual.)

... refers to arguments viz. for instance agreement by people in a forum
[] refers to a optional (argument or an idea or concept that may be feasible)

Note: Those reverting back to me , are advised to mark the portion of this document Highlighting their interest, preferably in Green (this) color, indicating their topic Of interest and return the document.

The same shall be applied when forwarding the document, indicating/narrowing/ Marketing the document a specific area/domain of interest to a company/entity.

One may verify with appropriate employers/Assignments undertaken ... or approach me with most of the Projects handled being contractual

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All specimen work/specs is copyrighted and ideally should be subjected to same set/kind of rights a civil engineer /Mechanical engineer or architect has on his drawings /designs.

For Qualification or Expertise one may refer to nature or profile of the individual and additionally may refer to the qualifications earned or obtained.

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Source or Authenticity of Knowledge Acquired : Through education and casual technical readings of books procured from Koti, Abids, Kachiguda Circle or Mandi , Scientific Observation and Scientific deducement

1)RajaLaxmi Book Depot 2)Universal Book Depot

3)Vishala Andhra Book Depot 4) Walden Book Stores

Other place's of public reading used in the past Mostly competitive magazines (Mental ability, and few self help books)

City Central Library, Khairtabad Library, Chikkadpally Library,

Most or majority of the education has been based on self study right from childhood, it is to be noted that while I had earned a Post Graduate Diploma, I hardly attended College post secondary school certificate or 10th .

SUMMARY OF EXPERTISE

12+ yrs of experience in various positions in Information Technology,

exposure to CRM, ERP processes and methodologies.

Exposure to Content research and Content Editing in various fields.

Exposure as a Business Analyst to Product Innovation and Optimization.

Exposure to Screening candidates and recruitment in IT and non IT areas.

Exposure to writing specifications for software development and defining standards.

Exposure to all areas of Software Development in MNC firms in a 24x7 environment

Exposure to Pharmaceutical Retailing.

Experience as a faculty in an IT training Institute.

Ability to sense opportunity, and knowledge to transform it into a viable entrepreneurial opportunity.

Basic Exposure to Financial Markets(existing models in financial markets)

Basic understanding of how Indian agricultural markets work.

Basic exposure to book keeping and accounting practices being a commerce graduate.

Exposure to understanding and practice of PR, the world of Mass Media, particularly visualization.

Writing proof of concept for specifications or story boarding for products or conceptual theories or innovative solutions to market opportunities.

Brief exposure to Market Research ,surveying and sampling.

Quality Engineering: How, what , where, when, why and an introspection of, implementation the respective products and solutions.

Writing proof of concept for specifications for projects or story boarding or theoretical models or standards, extreme programming as concept visualizable to coders and even to a lame user.

Professional Qualifications Earned :

Education	University	From	To	Institution
Post Graduate Diploma in Management Information Systems and Computer Applications	Osmani	NOV 1997	APR 1999	PriyaDarshini , PG College, Balkampet, Near. Dharam Karan Road, Hyderabad.

Bachelor's Degree in Commerce	Osmani	August 1994	APR 1997	Kranti Degree College, Ameerpet , Hyderabad
Honor's Diploma in Computer Science	Lakhotia Computer College, affiliated to a institution called Damelin, South Africa	Nov 1994	Nov 1996	(Initially started as franchise of LCC . for some reason of convenience and connivance converted into a chapter under a society viz. namely Lions Club Ameerpet Branch Hyderabad, Vide Chapter NO : AP-097-169)
Intermediate	Board of Intermediate Education	JUN 1992	MAR 1994	Nagarjuna, SR nagar, Babu jagajeevan Ram College, Lakadi-ka-Pool, Hyderabad
Secondary School Certificate	Board of Secondary Education	JUN 1991	MAR 1992	Hyderabad Central Public School, Near Mental Hospital compound,(Also called Oxford High School) Erragadda , Hyderabad
UKG – UPPER PRIMARY SCHOOL		1981	1988	Netaji School, Laxmi Nagar, Behind TB hospital, Hyderabad
Good Sheperds High School		1980	1980	Anand Nagar colony, Behind Bazaar ghat, Khairtabad. Hyderabad

Expertise specific to Information Technology :

System analysis, design and development of applications primarily using WEB AND CLIENT SERVER TECHNOLOGIES (ASP , PERL , PHP , VB) and System Administration (All flavors of Unix , Win2k , SQL Server and MS Exchange 5.5 and 2000, Content Writing).

Possess Good Team and Project Management Skills.

Received corporate training while in Adesta (india) from NIIT on

MS SITE SERVER , COMMERCE SERVER 2.0 AND SQLSERVER ADMINISTRATION.

HARDWARE Intel Pentiums , Sun Sparc 400E , Digital Alpha servers

OPERATING SYSTEMS Win2k Adv, WINNT , Windows 9.x, Solaris, Linux

LANGUAGES PERL with DBI/DBD, VB, C, C++, Java, SQL ,UML

SCRIPTING ASP, PHP, Cold Fusion, JavaScript, VB Script , WAP /WML

TOOLS MS Visual Studio, Dream Weaver, PC Anywhere
FTP utilities , Sun Admin Suite, Veritas Volume Manager,
MS Projects, Rational Rose, BIO-DATAS.

WEB SERVERS IIS 4.0, Apache Web Server, Iplanet 4.1.

SSON Oblix

SAN Sanpoint Control, McData, Brocade, Qlogic Switches
Crossroads SCSI to FC routers, Qlogic, Emulex Hba etc

NMS OpenNMS , HP OpenView

DATABASES Oracle, SQL Server 7.0, MySQL, MS-Access

NETWORKS TCP/IP, MS-Windows NT

Editor's or Viewer's Standardized tools used to Display Subsets and derivatives
of SGML.

**OS MANAGEMENT
Tools** SMIT(AIX) , SAM(HP), MMC for ADS (WINNT/2K)

OTHERS DNS, NFS, NIS, DHCP implementations on Unix

Microsoft Site Server Commerce Edition, UNIX Shell Scripting, Windows NT,
IIS, Proxy, Exchange and SQL Server Administration. Unix administration
and Knowledge of Apache, Squid Proxy.

Installing GNU software, Qmail, pop3d, Sendmail, Procmail, Samba,
Remote Administration utilities etc.

Knowledge of configuring CISCO 2500 series routers.

SUN CERTIFIED SOLARIS SYSTEM ADMINISTRATOR

Attended company sponsored training on Aix5.X , Site and Commerce
Server 2000, SQLServer7.0.

Professional Assignments Under taken :

Organization	From	Till	Designation
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Corio , Bangalore, India	MAR 2004	SEPT 2004	SYSTEM ADMIN
Veritas ,Pune, India	OCT 2003	FEB 2004	QUALITY ASSURANCE
FAPCO ,Kuwait city, Kuwait	SEPT 2001	APR 2003	SYSTEM ANALYST
Sagarsoft (India) Ltd, Hyderabad,India	APR 2001	SEPT 2001	PROJECTS EXECUTIVE
Gotevot, Riyadh, KSA	APR 2000	DEC 2000	WEB MASTER, Internet Administrator
Omni Media Studio, Hyderabad,India	FEB 2000	APR 2000	SOFTWARE ENGINEER
Adesta (India), Hyderabad,India	OCT 1999	FEB 2000	SOFTWARE ENGINEER
Citinet, Hyderabad, India	Jan 1999	Oct 1999	SOFRWARE ENGINEER
Indigo Rdbms, Hyderabad,India	May 1997	Dec 1998	Independent thesis and Project work at a acquaintance's outfit, Industry exposure PGDMISCA submitted to OSMANIA UNIVERSITY

MAJOR ASSIGNMENTS :

Organization: Corio, Bangalore, India.

March 2004 Sept 2004

Environment:

Unix Admin, WINNT/win2k, iPlanet, Netpoint , Netscape directory server, PERL LWP, shell scripting , Jetspeed , Tomcat , Mod_jk , mod_ssl , CyGwin

Production Deployment of j2ee applications , co-ordination with development teams,

Role : Systems Management and Shell Scripting

Unix , NT administration , deploying java web server applications, Shell scripting, Single Sign On technologies. Database admin activities on Sybase12x , SQLServer7/2k and Oracle 8x.

Implemented CAS (server side java based SSON solution) used OpenSSL based certificates.

PERL LWP scripting, DBI etc.

Tried writing a Web Crawler or page stripper for specific documents with PERL LWP, triggering events in a browser context (ideally being translated into low level programming ... a TCP/IP transmission session) and embedding a binary client script engine.

Organization: Veritas Software India Pvt. Ltd, Pune, India.

October2002 Feb 2004

Environment : SANPoint control , VCS 1.3 ,VVM 3.x, Apache, inetd ,
SSH, PKI, VVM etc

Role : Systems Management and Shell Scripting

Hardware qualification of high end enterprise SAN equipment, Storage Arrays (Compaq, EMC, Hitachi, IBM shark), SAN switches, SAN routers(SCSI to fibre channel), Tape libraries (HP sure store etc.).

Testing cross product compatibility of SANPOINT control (Underwent training for a proprietary testing model called Behavioral Modeling Functional Breakdown and Analysis pioneered by testing guru shell prince ... used to test systems and processes with the example of a banking related sub function of a ATM and their functionalitycase scenarios illustrated was that of what shall happen when sufficient bank balance was not there and the user tries to withdraw money, when the user uses ATM as drop box for issuing and clearing checks.)

Writing test scripts in PERL and shell, Managing the LAB, Take part in Hardware procurement process, identifying New hardware requirements.

Overseeing Systems management of MS(win2k WINNT) and Unix boxes (Aix, Hp, Solaris, Linux), SAN implementations.

Wrote a few test cases.

- 1) A performance monitoring Test case that logs various variables on the system and dumps it to a centralized host.
 - a)Implemented using RSH, PERL a single script that can run all existing operating systems.
 - b)Any binary that makes use of sockets and a port number
 - c)Syslogd daemon with logger can be used to achieve the same as above.
- 2) A variation of the above that measures the percentage of variation from previous reading.

Note: The above test cases can be done quite a few ways

- a. Logging based on an event, one of which is a timer.
- b. Make use of a timestamp on systems where timer is a problem.
- c. The set of log-able parameters can be taken from an input file.
- d. Make use of the scheduler available on all most all OS platforms .

Note: Ideally speaking alarm call should used for error handling,

Hence a requirement for lite weight routine that can be called at recurring Interval with no kernel overhead,

Alternatively .alarm call could be weighted with priorities much like priorities used with the KILL .i.e. vacation of the currently executing system call based on the nature of error generated, few concepts from implementation of JVM can be borrowed.

Note: This brings the requirement to do away with self-referential functional calls i.e. recurring function call.

Viz. illustration implementation of a swapper for virtual memory etc, a call to Refresh GUI in systems that have a console.

This implementation gives scope for implementing a GUI refresh rates that can be squared off to as low as 1 millionth of a second, but precision of execution of the function call being squared off.

Since the above routine executes at fixed interval as specified,

One may optionally execute different pieces of code / routines based on a factor of Time / execution context of the thread that has initiated the alarm.

Note: A stack in a OS usually contains pointers to functions.

One of the ways to reorganize the stack is to make them pointers to structures, each structure containing a priority value (kind of selection of a process for execution by a kernel thread or timeslicer...based on priority of the process), a frequency value and pointer to function.

Given the fact ...that a timeslicer or job-scheduler ...takes care of the process or the thread context to be executed ...modifying the timeslicer or job-scheduler component to achieve the above objective ...makes ideal sense ..or optionally ...ensuring such that a routine that organizes the process or threads in queue to be executed ...periodically

Designing the stack or queue from which processes are picked up for execution in a processor as a pipe would be a good idea ...for more information refer to the instance of a `cat` command Where in both the source file and target file are same ...given the fact there are several types Of locks available ...refer else where in this document for more information ... GUI updation or Refreshment ...time slicer or process scheduler , a special thread at OS level that executes recursive functions (being a pointer to a piece of executable code) ... with embedded persistence or file-handles (kind of shared libraries)...refer to a special pipe that uses the same file-handle viz. source and target ...kind of virtual loop and also a simulated fork ...as described else where in the document ...that simulates a virtual loop

The above illustrated more lucidly may also be defined as a process that makes use of fork and executes the same piece of code recurrently ...can simulate the execution of the code in a loop (a problem that was originally evinced with preemptive threads and non preemptive threads)... while the parent child contexts simulate a if command ...the context of parent , child being suppressed (calling the original pro-gram from the child context ...with no return value say void) ...same piece of code is executed ...it may be noted that there is fine difference between recursive execution and recurrent execution ...while recursive may require temporary caching or storage of data ...some times what may be termed as persistence

[calling of a subroutine that executes a fork (resulting into a child process) ...the resulting child calling the same subroutine ...hence creating the virtual loop ...resulting scope for execution of calling kind of recursive function ...or implementation of few scenarios ...what have earlier been termed as TSR programs ...refer else-where with reference to nittie grities involved with reference to copyright, patent ...etc ...unix ...and other platforms of computing]

3) Most test cases have a few things /scenarios in common i.e. set of standard test scenarios and inputs for testing,

Set a common testing Frame work for all the test cases modeled on the lines of OOP.

4) PERL based script that converts the statistics collected in to a Excel based statistics(pie chart, histograms etc).

Found a Unix timestamp buffer overflow /on board battery error on Solaris high end Ultra SPARC 5 / 10 Work stations causing time stamps to be shown beginning 1970.

Deriving from above a requirement to reorganize the way date/time are handled.

- a) Most existing systems do not take into account rounding off for a century.
- b) All most all motherboards offer a clock(utmost precision of 24hrs is needed) as date footprint is always stored offline to a file.
- c) A Calendar catering to the local of time zone can be implemented. which can display / includefestivals occurrence /solar /lunar based events ...that can be incorporated into it.

Hence for all practical purposes requiring precision, timestamp stored as a byte string makes sense.

Note: since some of the above involve bench marking the footprint(viz. of a process and its various variables to be obtained from PROC file system) in a testing environment given that the whole environment is dedicated for the scenario alone one may use alarm() system call in association with a sub routine to be called at frequency/precision at which the benchmarks are to be obtained.... given the project duration implications and various platforms to be covered PERL was chosen, due to some implementation variations observed some limitations in PERL...It is advised to implement the same in C using system calls (while this is the case 'C' has practical limitations with reference to absence of proc file system on all the required platforms and also absence or the ability to use regular expressions).

As is the case with Unix / any platforms timeslicer / schedulera sleep call was used to implement the same, and PERL was opted for as it is an interpreter based language with capability to access all system interfaces and with implementations on all platforms , a single script should ideally be able to do the required job all platforms.

Ran Harness a suite of test cases ... simulating various scenarios and computing platforms

Innovative program tracing ...redirecting stdout , stderr ...by redirecting the both of the file descriptor a single file ...hence all data logged is contextual and logical ...by using a flag condition denoted ...in a logical context ...the log for a specific item of a program (script or binary) can be checked for error condition ...if no error be found the log file be disposed off or archived or automatedly sent to a email of the monitor ...also refer else where in the document for more information

Also tackling buffer flushing while writing to disk/file ...is better done rather than using fflush By using print <filedescriptor> ,`\r` ; ...given the context and also the company in question the idea may be viable at few scenarios ...like mirroring ...caching ...data flush's to disk

Organization: Underwent training and Simulation of Software Implementations with Root Shell India .

September 2001 June 2002 September 2002

Environment : Xinetd , SSH , PKI , IP telephony

Project : Implementation of IP telephony.

Underwent training on veritas suite of products and sun cluster software

Implemented a IP telephony in a test environment, with Some customizations and deployment of billing software Mostly based on PHP, PERL and MySQL as backend.

Integration and deployment of VOIP project developed from open source software using OpenH323, open radius, PERL, PHP, MySQL with apache etc on free lance basis.

Organization: FAPCO ,KUWAIT an ISO9001 company.

September 2001 April 2002

Environment: Solaris 2.6, xinetd, Tcp wrappers, Apache, PERL Sockets and Shell scripting, DBI.

Tomcat, PHP, MySQL, Amanda network backups , Cisco routers.

Others: Win2k Adv Servers, Exchange 2000, ASP, IIS, SQLServer, etc.

Under took a systems study for www.kse.com.kw (Kuwait Stock Exchange on line trading System) and fine tuned existing Software which were hosted on four Sun ultra sparcs running solaris 2.6, with hardware in a load balanced environment , and total System was developed in PERL (right from stock feed parsing using PERL regex).

Publish the feed from stock exchange on to the web, by parsing the feed using PERL regular expressions and storing the data into MySQL backend database and on to the web using PHP and PERL CGI.

Developed Portfolio Management system to track stocks of individual choice it is been developed

using PERL DBI, PHP with MySQL as backend.

Lots of PHP and asp scripting to generate Dynamic content for the following sites

www.q8stocks.com.kw (then www.kse.com.kw) developed in PHP, www.alghanim.com developed in ASP.....stored arabic fonts in database that enables viewing Arabic on a Arabic enabled machine , by mapping the field in to a binary field or image field (suitable for web purposes as data pertaining is mostly in multiple's of paragraphs) (can be extended to arabic /urdu/ mandrian/ european fonts) in the SQLServer server database ...on the client side when the language encoding is correctly set...the internet explorer automatically displays the fonts in its language correctly, this is applicable to all wide char-set and works even on 3 tier applications with components that support wide char set (also called language encoding),in VB /Delphi /Magic Software browser component, also this RAD tools provide support for creating dynamic control that can be suited for the purpose.

Above product also contains, Dynamic unlimited Page Generator with predefined page layouts from selectable predefined set of templates.

Ideally speaking each language(encoding) and its individual font is mapped to a Unicode, these fonts usually stored in a embedded database in the OS based on language...so by properly using encoding, downloading of fonts can be avoided.

(When designing a keyboard ...instead of the popular 8-pin keyboard used ...based on how wireless keyboards function or a telegraph functionsa source of DC, a circuit board ...based on the key-press ...the code transmitted to the CPU should suffice ...hence a keyboard ideally can be modeled based how a telephone jack works ..with difference here it draws the source of input DC from the CPU)

The Page generator logic breaks basic principles of Normalization.. i.e. of atomicity(its based on a self referential key for the primary key/identity key to represent a navigation system(one to many relation from a Page to child pages with a template id attached to each of the pages, how it works since all data is drawn from database a fixed max limit number of fields (data to be reflected in the web page) are created in the table of database...with a additional field-Id flag to reflect to check if the field has acquired a display tag or not based on the template/page layout selected for the page...also links to any images to be embedded in these data fields can either be translated into files stored i.e. paths on the file system or a image field in database)

NOTE: Additionally requirementability to attach a JavaScript Menu to a specific page/template the JavaScript Menu which draws it source from.... XML DTD confirming document (that can be created online with a Html based front endcustomized to create XML DTD Documents that can be stored in either database or on the server side file systemfor more information refer to the project mentioned as in 476) with interfaces from database to XML DTD, SQL Server 2000 and Oracle suite coming with necessary interfaces those hosting these database's have an advantage.

Alternatively from the Page generator logic described above particular Id in the identity/unique columnand its branch of Child Id's can be denoted to be as client side menu to be attached to a Particular PageId by marking the Id with a Flag type=Menu.

[

One of the hindrances for above is as is known the extent to which a object can grow in a table space is restricted.

A alternative means of storing data is as explained else where in the document i.e.

utilize the file system , store data as part of data structuredump the data structure to a text file.

Doesn't require any of the conventional rules as imposed by standard databases.

Illustration PERL Data :: Dumper

For retrieval of data what is required is a catalogue and inode number could very well serve the purpose of a unique value to serve the purpose of an index (for data expansion needs one can cross link the inode's much like a data structure, should the above not suffice , just same as the concept of file system optimization, the data block can be released and fresh data block can be assigned to the inode or link can be added to the existing one.

Additionally no limitation of table spaces file system is always expandable (needs a kind of raid/ can be exported to be part of a raid without much of hindrance to data access, no limitations of accessing data across table spaces (chaining viz. resulting to slowing of data access).

Note: For more information refer to the section that details about a SQL engine on the top of a file system.

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Wrote project specs for integrating www.kuwaitairways.com for oasis travel club and weather system. Suggested using IBM MQSERIES. Also another requirement being that a travel booking information for Kuwait airways being Proposedly restricted to booking through proprietary software downloadable and restrict able to a specific machine ...suggested using unique part number of components (hard disk was chosen)looks this concept is being used for CD/DVD encryption as also restricting/identification of particular installation of software with its respective copy.

Setup a Development server with solaris2.6, all GNU tools, PERL 5.6.1, php3.18, MySQL 3.21.33b , proftpd etc.

Managing 4 sun ultra sparcs running solaris2.6 systems monitoring security and all stuff.

The Brief summary of activities undertaken by me is

Involved in setup and administration of Solaris, linux, WIN2K Advanced servers, IIS and Exchange 2000 server.
Systems Administration Maintenance and backups.
Evaluate the Servers hosted on net comply with the latest security recommendations.
Involved in coding PERL and shell scripts and some web programming in php MySQL.

OBSERVATION: I had reached to a conclusion that implementing any stock exchange related software using pro*c/native SQL/database libraries are faster when interacting with databases.

Organization: Sagarsoft (India) LTD an ISO9001 company.

April 2001 September2001

Environment: Win2k Adv Servers, Exchange 2000 ,Solaris ,ASP, IIS, SQLServer etc.

Worked as a Senior Executive Technical , Responsibilities included doing product research and documentation in the areas of Win2k and exchange 2k.

Migrated a Netscape Directory Server based user accounts to Microsoft Active Directory.....the LDAP file can be parsed and individual sub nodes (OU's) can be Loaded into a hash and mapped into a active directory.

Project: Intranet WebSite
Role : Systems support and Team Leader

This an intranet application automating internal Leave processing System for Sagarsoft India Ltd and has been implemented as part of its ISO9001

Certification Process. This application forms apart of another major application Integrated Employee Tracking and Management System.

This features a integrated user authentication into the system based on his NT Domain user account so that only the specific user can check his own details and not any other employee. A user can query his eligible quota of leaves, leaves utilized and leaves still held by him.

User can apply for a leaves online in the system which is automatically directed to the Employee's authorized Leave approver, which he can be done online.

Employee can also verify status of leave approval online. This system another feature when a user applies the supervisor is also notified by on his official mail-id which also contains a link to the online application, similarly when the leave is approved the user is also notified of the same by an email as well. Care also has been taken that only the authorized person gets to approve an user viz. employee leave application.

The entire project has been developed on ASP, SQLServer 7.0, CDONTS, IIS.

This project makes a good piece of module integrate-able into all or most major HRMS packages or HRMS modules of Enterprise Resource Planning.

The Brief summary of activities undertaken by me are

Involved in setup and administration of Unix , WIN2K Advanced servers, IIS and Exchange 2000 server.
Involved in user interface design using HTML.
Involved in coding logic, debugging and testing.
Involved in Server side programming and Database connectivity.
Involved in Database design and migration in MS-Access and SQL Server.

Organization: GOTEVOT Computer Center, Saudi Arabia

April 2000 - Dec 2000

Environment: Embedded PERL with DBI/DBD , MYSQL, Apache web server , ASP, IIS4, SQL Server 7.0 .

Project: Intranet and Web Site Development and System Administration

I was responsible for the following:

- a) I had setup MS Exchange5.5 mail server, MS Proxy 2.0 server, IIS 4.0 , and Apache web servers of GOTEVOT and routine Unix system administration (Solaris and Linux)

Implemented DNS, NFS on Solaris System, Configuring Cisco 2500 series routers, Implemented a fixed time bound access to resources (internet) to users located on NT Domain (domain users and local users).

- b) www.gotevot.edu.sa : An Arabic portal catering to the needs of the staff and for the organization]

Dynamic News Flash(scroll) using javascript on client side and Asp on Server side. A component for addition , removal and editing of the News , job offers and bidding of the organizations projects with asp, vb and SQLserver as backend.

- c) Statistical Analysis and Reporting:

An intranet application developed in ASP with backed as SQLserver, The application generates various population demographics of the students enrolled into gotevot technical colleges.

d) Online Library Information Exchange System :

This is an Intranet Application enabling all the Universities and colleges involved in the exchange of data and information that includes a book tracking system with Html as front end, ASP for server side scripting and SQL server as backend.

This Specs should serve the purpose of cataloging and retrieval of entities (say Books) located in different locations of the entity (Organization) / entities

Examples: Books / manuscripts located in different libraries.

Criminal, Intellectual, Law, Digital Graduation Certificates by Universities, Property Records etcall of them can be maintained in the similar manner (What is currently being marketed as E-seva , Bill junction etc in few parts of India.)

As a System Administrator and software engineer ,

I was responsible for the following:

Involved in setup and administration of web, mail and proxy servers.
Involved in user interface design using HTML, input Validation using JavaScript.
Involved in server side programming to connect database using ASP.
Involved in debugging and testing.

Organization: Omni Media Studio, India

Project: Database Application for Chicago Child Advocacy Center, Chicago

February 2000 - April 2000

Environment: PHP, E-PERL, HTML, JavaScript, Apache, MySQL, Solaris

This is a database application with browser as a front-end developed for a Chicago based NGO. It is a web based document management system that contains a series of 15 forms for updating and tracking the information of a child abuse victim by an authenticated user of the site.

As a Software Engineer, I was responsible for the following:

Involved in Installation and administration of NT, IIS, Solaris OS, Linux, Apache servers and MySQL, SQLServer 7.0 Database.

Got PHP and E-PERL Configured from IIIT(embedded PERL for preprocessing data) on the apache web Server.

Involved in server side programming to connect database using PHP and E-PERL.
Involved in user interface design using HTML, input Validation using JavaScript.
Used Ftp utilities for uploading and maintenance of site.

Organization: ADESTA, India

Project: e-Commerce Web Site for ADESTA, Indianapolis, USA

October 1999 - January 2000

Environment: ASP, Site Server Commerce Edition, SQL server, IIS 4.0, HTML, JavaScript, Windows NT

www.adebamall.com : A B2C and B2B e-commerce site,

Important modules for which I was responsible are

Alternative methods of payment,
Gift Certificates, shopping cart,
various virtual stores, E-cards, Paper-cards,

Interface for the Manager Section and Administration of the Site
Automated mailing lists, email remainder systems .

Also System Administration and Installation of Software's.

As a Software Engineer, I was responsible for the following:

Involved in Setup, Administration of WinNT, SQL Server7.0,
MS Site Server and Commerce servers.

Also Remote Administration of the above Servers using PC Anywhere and MMC.

Involved in user interface design using HTML input Validation using JavaScript.
Involved in Back end Database Design and Integration of the various modules for the site
Involved in server side programming to connect database using ASP.
Used commerce and site server for user tracking and product portfolio management.

Organization: Citi-Net, India

January 1999 - October 1999

Environment: Visual Basic, ASP, Oracle, MS Access, SQL Server 6.5, MS Visual Studio

Project: Portal Website Development

www.hyderabad.com ,www.hyderabadtheatres.com ,www.citi-net.com

Project:Online Movie Ticket Booking

Online Movie Ticket Booking : This application enables ticket booking for a theater
enlisted with www.hyderabadtheatres.com. It is implemented using PERL and Flat
files.

Note: Faced a specific problem ... with the hosting-servers located in different
geographic domain viz. USAthe server side scripting solution
viz. PHP 1.x /PHP 2.0 was as hindrance to be used to time and date
generation at client side, with date and time being generated being on
the server side a day's older and not in sync with local date time.....proposed
...a solution viz. client-side JavaScript / vbscript, based date time generation
...which stored into a field in client side FORM ...can be used for server side
processingthis should be applicable to all single domain...or website's that
cater to multiple geographic domains (And confirmation of all transactions or
approval over email ...that calculates and map's the time-zone (calculate-able
based ISP/router header parsing...much like the way IP-address of a client is
accessible currently over server side or a accessible NTP server in the vicinity
of geographic domain), the transaction's of this nature can be approved in a
automated format or by a operator.

Net-Pals : A simple BBS for pen pal friendship. This is implemented using PERL
and a Flat File.

Both Net-Pals and Online Movie Ticket Booking are a first time ever in
market in a automated format.

Classifieds / Yellow Pages: A first innovation/concept brought into the market.

A Web based classifieds posting and retrieval on the lines of yellow pages using PHP
and MYSQL Database.

A idea that sprung upon me having applied taken up a telephone connection from
a service provider viz. BSNL.

Optimized PERL Code for Parsing incoming data to a Web-Server.

CGI script

```
{
    If( $ENV{'REQUEST_METHOD'} eq 'POST' ){
        read(STDIN, $buffer, $ENV{'CONTENT_LENGTH'});
    }
    If( $ENV{'REQUEST_METHOD'} eq 'GET' ){
        $buffer=$ENV{'CONTENT_LENGTH'};
    }
    @pairs=split(/&,$buffer);
    foreach $pair(@pairs){
        ($nam, $value)=split(/=,$pair); #extracting variable's defined in forms
        $value=~tr/+///; #suppressing junk characters that form part of the
                        #data set that form part of the incoming http stream.
        $value=~s/%([ a-fA-F0-9 ][a-fA-F0-9] / pack("c",hex($1))/ cg;
        $contents{$name}=$value;
    }
}
```

Site Search Utility/Option : A first innovation/concept brought into the market.

This feature /option lets searching of the site by keywords, it picks the words typed in the search box and search's for these words in all the files present on the site, if any file contains a matching pattern then the URL of these files are displayed in response to the Query.

This is based on script/binary utility that does the above job, contrary to the search option that is based on the meta tags.

PERL based outline of Source Code for above:

Obtain the Search arguments from the HTTP stream viz. a HTML form submission Using GET/POST.

Presuming that 'search' is the HTML variable that contains the input arguments for a search.

#presuming using cgi or for a RAW extract from HTTP source refer above

```
$search=param('search');
```

```
#performing the search on the server side ....viz. list of files in a directory /directories.
```

```
#code for searching from a single directory on the Web-Server.
```

```
#obtain the type of operating system from PERL environment variable #os=^OS;
```

```
#$command being defined based on the operating platform/ OS on which #the search utility is hosted on ....
```

```
if ($os eq "DOS"){ $command='dir/b|'; } #the recursive list of files from all the directories
```

```

if ($os eq "UNIX"){ $command= `ls`; } #or with a list of directories in which to be
#search from an array can be define and optimized
#list of directories that are defined in the configuration
#file of a web-server ...that can be loaded into a
#variable viz. a array by parsing the configuration file
#the above can again be integrated based upon the OS

#code ought to be optimized

foreach $dir (@dirs){
    opendir(dirhandle ,$dir) || die " error opening the $dir: $!" ;
    @searchlist=grep{/\.$$/} readdir(dirhandle); #unix context retrieve list of files

    foreach $searchfile (@searchlist){
        Open(FILE, $searchfile) || die " can't open the file :$!" ;
        $data="";
        while($data . = <FILE>); #capture the content of the file to be searched
        chop($data); # get rid of EOF character.
        #$search being the variable containing the text to be searched.
        If( $data=~/$search/im){ #capture the matching set of lines in perl
            Print "$searchfile"."\\n"."$&" ; #can be optimized
        }
    }
}

```

As a Web Master, I was responsible for the following:
 Involved in Installation of NT, SQLServer, Solaris and linux and Apache web servers.
 Involved in client side interface design using HTML and validations using JavaScript.
 Involved in server side form validation, to connect to database using PERL and PHP.
 Involved in debugging and testing.

Environment: PERL, PHP, Solaris, Apache, MySQL , FrontPage, JavaScript, HTML

Note: While all of the solution's have been experimented with, none them were
 around in the market in the above proposed format the time of they
 being published, rather to be specific "**APRIL 1999 – 20th October 1999**"

Organization: Indigo RDBMS, India

May 1997 - December 1998

Project : Custom Built Package for Reliance Fire Safety Equipment Pvt. Ltd

This system helps in automation of the entire sales and production processing
 right from the customer details, stock monitoring, order entries, payment,
 inventory transactions, change in the orders, supplier details, purchase order
 details, production details and printing various reports and receipts.
 This system maintains/tracks at factory level and branch level (ware house)
 and field sales agents.

A system that caters to all departments in to which any corporate body or firm
 or entity can be organized into.

(Additionally the above can be customized to cater to defense / services(UN , NATO)
 /un organized sectorsby creating provision for custom module's ...whose name and
 nomenclature can organized specific to requirements(viz. reason being standards /

practices followed being non-confirming to other organized sectors/industries that follows standard practices(....refer to the section describing Dynamic ERP....one may refer to several tools that offer ER-diagrams translated into database schemawhile this specific Dynamic ERP offers the above and GUI interactivity to the underlying Schema generated to which validations can be attached)

This modular based project specs has been the basis many a ERP products available in market currently. Viz. SAP, Oracle Apps, and a notable few others.

It is to be noted that prior to this there existed only Inventory Order management systems Catering to the MIS departments of many manufacturing firms , an example being BAAN.

Project : Hospital Management System

The application was developed to meet the requirements of hospital management. The system consists of the following modules: Registrations, Inventory and Billing. Lined on the above project.

Project: Online Examination and Evaluation (OLEE)

This is an Intranet website designed for a leading training institute for simulation of online examinations such as MCP. It has features viz. random generation of questions, negative marking, interface for setting no. of questions, duration, authorization etc.

This specs has been basis for many a online examinations/tutorials etc.

Most exams results declaration, the websites experiences heavy traffic , for load balancing solution as implemented in www.q8stocks.com.kw would be a good illustration.

Ex: GMAT,GRE, online examinations being conducted by pro-metric and Other online Certification authorities.

As a Programmer, I was responsible for the following:

Involved in user interface design using VB and HTML.
Involved in coding Business logic, debugging and testing.
Involved in Server side programming and Database triggers.

0) As a kid arguing that rotational energy from the dynamo found in a bicycle could be harnessed and tapped as electricity was vain, looking up at the giant wind mills thrilled me very much, I guess this was the costliest mistake I ever didmore than doing any good it robbed me off the opportunity to make/build a career for myself later on as would be made evident.

Turbine's are used both in a windmill's and aircraft's but the purpose the are used are different....but in both scenarios turbines can be used harness the samemay be it is already done in an aircraft....not quite sure.

Also recycling aircraftscomponents as mentioned above.

Also the popular rechargeable lithium/cadmium battery can be used to harvest human energy into consumable form....china the max no bicycles found the world.

Properly placed and wings of the turbine properly modified a windmill can be used as a tool to undermine the fierce ness of a tornado.

(a possible requirement being the wings of the turbine that can be adjusted and locked to suit / enable a spin the turbine.)

These giant windmills properly adjustedcan be used to create a low pressure area, While these mills are used to generate powerthese can also be powered at times To spin such that humidity content from across the oceans is drawn to land area,

One the typical scenario's being the western Ghats of India, these giant wind-mills located just some where between 100-125km of the sea cost, which in turn can cause rains.

Also from above having noticed from my personal experience of riding a bicycle, a Dynamo doesn't add much frictional value , I mean doesn't add much burden or load to the rider or engine of a vehicle.

Hence for most vehicle's used for plying an amount of balancing can be done, for instance the overhead of the a/c can be minimized by utilizing the energy generated from a dynamo.

In some vehicles powered solar power/ batter ...utilizing a dynamo to recharge these Batteries can solve energy reserves of the vehicle.

1) Newton's 3rd law of motion.

Any thing thrown up with enough force should ideally come back, but when you throw it with enough force that it goes beyond gravitational force of the object

.....what is the result.....after some million years

challenge to say one of the Newton's basic laws of motion is broken :

As on date for space craft to be able to turn its path it needs the support of gravitational force of some object in spacebut it is possible to be able to change the direction/path of space craft by generating a strong electro magnetic field the direction in which it needs to turn.....this should be ideally achievable by using sets of strong lasers.

Every object in a state of uniform motion tends to remain in that state of motion unless an external force is applied to it.

Looking at the solar system and the planetsthe speed at which planets are revolving around their own axis is some what un explainable (not sure if speed at which object revolves around their own axis has got any relevance to the mass of the object.....another thing to noted is do all objects with mass possess gravitational force),Just as a top spun comes to a stand still after a while.

Simply puts the existing Orbital Model is in Question, one of the points that can support this Occurrences of eclipse.

One of the Newton's law states a body in motion is in perpetual state or motion

Presuming the above is true ...and from the above fact and how a dynamo works...

Sun being in a state of perpetual motion is constantly emitting light ...electron or pulsar being the source of energy

Hence matter is in a state of equilibrium ...energy consumption ...recycling ...dissipation

...in the context of above ...various models of existence or perpetual nature of universe ...viz. the notion or theory of ever expanding in space in terms of dimension ...understanding the concept of explosions of pulsars ...emergence of planetary system ...

2) $E=mc^2$, essentially energy can exist in different forms and can be converted from one form to another form.

Nuclear fissionNuclear fusion.

New formula Infrared energy = Infrared Raysgreen house effect.

well how is a chain reaction set in a radio active material ??

I don't know how serious is the problem ??so lets all enjoy together. ??

use liquid propulsion technologyin cars and release oxygen/water.

oxygen if goes upbecomes ozonethis blocksgreen house global Warming.....how many centuries do we require to harvest enough amount of ozone naturally to achieve the purpose.

Most vehicle's ...require thrust to be able to lift itself up or go above a specific altitude in the earth's atmosphere ...the same applies ...to be able to return to a planet's atmosphere from a no gravity zone ...for instance ...a recent mishap of atlantis space shuttle as described could probably be attributed to excessive availability of oxygen ..say ozone ...which aids in combustion (rather than friction as attributed or described by most ..for meteor's or planetary vehicles) ...hence posing problems ...requiring most space shuttle's to shutoff combustion engines ...while re-entering ... and measuring altitude being a unrealistic issue (atmospheric pressure being variable) ...designing such vehicle's to possess or carry propeller's(turbines) to make them friendly with aerodynamics (manage descent or re-entry) ...additionally carrying fuel being an issue (quantity and weight ...uplift) ...using propeller(or turbines) to the extent possible of uplift ..would be ideally ...such that thrust can be used from the layer where Sufficient air-pressure for upliftment is required ...re-designing defense aircraft ...in sync With the above attributes ...would be ideal ...refer else where in the documentfor instance the ...rpm's of a turbine or propeller ...should ...let a space shuttle navigator ...to determine ...the few attributes or re-entry ...and also use surround atmosphere for aerodynamics for manning a shuttle or vehicle ...also use a parachute appropriately ...to decrease the momentum or decent ...then use aerodynamics(as in aircraft) ...re-ignite the engine ...navigate as aircraft.

Practical Example to support $E=mc^2$ is a Information technology product called SAN (storage area networking) that makes use of a mini laser.

Consumption of Energy produces light !!

Advantage: Making use of a rechargeable battery modeled on lines of RAM (if one looks at fine Specs both are same), charge it from one end and consumed from other end. Also nothing but called as active bits.. this is nothing but called as Flash memory.

Must be modified i.e. charged to pump no of bits required through a Bus, to accurately pump the number of active bits required .

Ideally speaking in a battery the charges (+/-v ions) are consumed to the last bit.

The above model can be modified to suit either use a laser or pump the bits, based on the model Of the Bus.

Best put to use is in place of RAM, can store the system state when system crashes, and also Very fast to access.

3) Earth moves away from sun a few cmsevery day

what is centripetal force.....how do farmers throw away crows etc in earlier days.

so earth is gaining momentum

where will it end upsome day.

Dinosaur extinction: wonder why was there so huge climatic changes around on the earth then wonder if moon was around then but hear these days that moon is distancing it self from earth slowly.

Part answers to 1,2,3 can be found from a Black Holes creation and their explosion.

Also one can derive safely from above that the gravitational pull of an object is directly

Proportional to mass of an object, and mass depletes as an object is burning, and hence reduction in gravitational force.

May have implications to green house effect.

[
Contention: Ideally speaking Moon is within earth's gravitational pull, it has mass but not magnetic field of its own.

Viz. every object that possess mass necessarily may not possess gravitational force of its own.

But concepts of high tide and low tide are not in sync with standard explanations given.

The cause of High/Low tide phenomenon's is directly proportional to the amount of light (reflection from sun) being received from moon.

Possible Explanations: for the cause of High tides and low tides.

Keeping in mind the rotational attributes of moon around earth ...it is obvious the amount of area under full moon on earth surface is limited ...and hence the possible explanation of the phenomenon.

- a) The light from moon causes enough warmth in the sea/ocean water that it can cause flush/rush of cold water from near by surroundings /currents from the other parts thus causing tides.

This idea / concept can be exploited to develop technologies .viz. placement of turbines to generate electricity, also as one is aware many a ships have to wait for the high tide arrive to be able set sails of on to high seas.

viz. requirement/opportunity ability to create high tides
viz. examplesome port cities like visakhapatnam (ap, India) have

heavy smelting industries viz. by letting / utilizing the water from seas and seeping the same(hot water obtained after using cold water for industrial cooling purposes) in to seas should potentially be able to create the above scenario.

- b) Moon reflects light on to earth from sun....the water surface on earth deflects it back.....and hence creating a possible potential magnetic field.

The incoming light from moon(reflection from sun) and deflection from earth causes some magnetic fieldwhich is at its highest when one can observe the full moon, also the time one observes high tides ...maximum amount of light from reflection.

]

It is to be noted a supernova having the capability to expand and contractcenter of the cause being a star.

Most stars emitting illumination have evolved out of giant masses of gases with solar systems surrounding them....with most planets emerging out of explosion viz. masses of fireballs ...later with their own magnetic field ...since being with magnetic field (gravitational force) while revolving around these stars can pickup mass(dust/gaseous).

Taking for instance earth which it is being believed that it is slowing down gradually ...viz. time taken for one revolution(solar year) measurable with reference to occurrence of eclipses, with huge amounts of ice getting (solid state of gaseous) deposited on polar caps ...and for instance the north polar caps getting exposed to sun for quite few months a year ... increasing sea levelsand also submerging/breakup of the Antarctic ice blocksand also with decreasing/disappearing green coverinsufficient amount of these water getting translated into oxygen ... hence ozonegreen house effectand other climatic changes as are being perceived.

Experiments worth conducting:

Exp1)

Light projected on to a spherical/ball (of sufficient scale and size) shaped 'object'

Variables to be understood the amount of the area that comes under the shadow region (say kind of penumbra when a celestial eclipse occurs).

For instance for some one standing in the shadow of the object ...the surrounding illuminated area is still visiblescaling it to a larger extent /context for some one in the shadow region or the period called night on earth interpretation of several objects visible in the sky either through naked eye or through other instruments as the case may be.

Exp2)

Glow a zero candle bulb and a hundred+ candle bulb at a time ... whose illumination is visible

For a person standing at a sufficient distance which of the bulbs will be visible / identifiable.

Supposing that some stars are based on fission and half life theory...

There could be several such objects whose half life could be in various stages hence Few would be could be potential bright objects could be over shadowed.

[

On a different note from Exp1) as described above while calculating distances , interpretation say several illuminating objects (gaseous clouds etc) can it be interpreted that the light is from a source different galaxy or from a different source

...]

Another fact for rationalization of the theory earth is slowing down

Matter being in a state of constant equilibrium

The fact that the planet earth is constantly receiving or being bombarded by light from sun

...Taking in to consideration of the fact of vegetative growth ...say green cover (food chain)

...Mass of the earth is constantly growing

...Mass being directly proportional the rate at which a object spins around itself or around the sun (taking in consideration various planets and their attributes rotation around their axis or around the sun)

...viz. taking some other planets that are not conducive for growth of life forms (Mass as can be observed ...moon or other planets) ...rationalizing the fact of how stars or mass can gather ...potential of a object with mass to emerge as a star ...energy ... conservation or accumulation ...vegetative growth ...mushroom ...as an example ...lack of pigmentation ...coal as source of energy

Theorem: Energy as a whole or quantum may be presumed to be at a equilibrium

Irrespective of several theoretical models that exist describing the universe (either emergence Of universe or composition of objects that make up the universe) while these models may exist or form basis for several theories

While the concept of $E=mc^2$ may hold true in the parlance of understanding the 'm' stands for conversion / Consumption of energy visible/ invincible to the human eye .

It can be safely construed from the following experiment that ... the universe as it exists is in constant equilibrium of energy ...while the m described above actually speaks for the fact the amount of energy consumed for a process ...this ideally never seems to be quantifiable.

For instance when water is boiled in a kettle for the human eye energy say in the form of coal/gas/electricity consumed is visible While quantity of resource consumed is proportional to quantity/quantum of water(in this context)the exact amount of 'm' is ideally speaking directly proportional or a constant rather than being lost.

The water in the kettle gets heated upgets raised to a temperature ...and left alone the heat gets dissipated into the atmosphereand water returns to normal / room temperature.

....correlated to a larger scalethe planet earth is constantly receiving energy in the form of light(heat)the energy on earth usually can be correlated to the vegetative cover the absence of which can be attributed to the rising or growing water table on the earth,

....observing the process over a period of time scale ...the resulting climatic changes being Conducive /hindrance to various forms of life at varying periods.

On a additional note while sun as can be observed today does fit / suit the theory of fission ... with possible/potential diminishing life fitting half life theory of radio active materials

Observing the solar system and its said galaxy one finds that Saturn with illuminating ring around its equatorwhile leaving composition ...and other elements on the planets for scientific reasoning/exploration to unravel the mystery and offer an explanation, ... as on date at-least theoretically at does seem to fit /offer the potential to be a future star a possible case with sizeable radio active deposits .. triggering a chain reaction, that can fit the theory of fission ... to be accelerated by the exposure to light from sun.

while Saturn being potentially in the shadow region of Jupiterpreventing the acceleration of chain reaction

A funny potential odd situation : While there are enough scientific explanations to suggest that earth has been under ice-age and darknessthe above offers scope for earth to be under the twilight of two-sun's ...one a diminishing star and other a whole half life is yet to be at its bestviz. a scenario under which no part of earth being under shadow region ..and potential uncertain climatic changesthat may be at anvil from above scenario.

While the above the case and scenarioas is the casewith Saturn presuming is dormant offers a good scope for studycompositionevolution of stars ...a scientific study / mission would be a good opportunity that is worth while not to be missed for those who believe in Science.

Alternatively the illuminating ring around Saturn (a gaseous ions that illuminate or radioactive materials) energy of a body in motion ...for instance borrowing from the concept of radium painted key chain's etc that illuminate when skipped additionally the cause of energy can also be attributed a process much similar in a dynamothat causesset of gaseous to illuminate much like a vapor based lamp.

4) worked at Haribakthi and company (A consulting company ...involved in internal auditing and business consulting).

suggested vipulabout digitized/computerized shares.

Understood how duplicate shares are getting traded in the market through ketan, I mean when damaged shares are come to the registrar they are getting struck, for months, mean while brokers trade on these shares (kind of bayyan i.e. promise of

obligation in case there is trouble ...mostly verbal based on reputation can lead to dishonor of the obligation lack of agreement.)

5) As a kid trying to learn computers was able to run windows3.1 running out of a Novell NetWare based Server Implementing Ring topology network, illustrated to my erstwhile Instructors(Prawyn and Pavan) at Lakhota Computer Center where I did my Honors Diploma in Computer Science.

The above resulted in the following products windows 9x, WINNT , win2k,winxp etc.

Also Novell came out with a product which had the GUI component downloadable on to workstations, much like the sun's network OS.

In token ring network when one of the hosts in the ring crash's, all subsequent systems in token ring become dysfunctional with reference to communication to all hosts in the ring prior to the collapsed host and the server, The solution I suggested was to implement a wiring/cabling i.e. individual / parallel cabling to each system from the server, which eliminates the draw back in the token ring system, instead of a single channel viz. a Loop a multiple channels from server to clients for communication which came to be known as Star Network, which are being marketed in the forms of hub, switch etc.

The above are the two most important ingredients that made the Microsoft platform with ether-net a popular medium of communication and trading (viz. in stock broking etc) this happened some where around post the months of October or November of the year 1995.

Also wrote several unique formulae for solving common programming algorithms though logic of which is specifically different from conventional/those documented in books ...also suggested developing accounting packages in foxbase/lotus123

(written mostly in Cobol/lotus 123/ FoxBASE/c)

Suggested that y2k problem can be circumvented by changing the way date(format) is stored.

Also wrote algorithm to write /print checks that are spelled as is the case with verbally/hand written checks upto a limit of ten lakhs.

Well the same process / concept can be extend up to any limit by using a database a table in which value is the primary key and the corresponding printable data is done by the mechanism of data entrythis should solve many a problem in banking industry ...viz. clears any confusion that might arise out.

Conducted an experiment viz. using the Unix command cat to concatenate Viz. cat file1 >> file1 found a typical scenario viz. the disk gets filled up as the process never gets closed or completed reason being,

To be able to concatenate the EOF of the target file is removed and on concatenation the EOF of the appendee file completes the whole target file with an EOF but as the case being since Source and target file being the same the pipe never gets closed or until the process is killed when the file handles are closed ...hence the disk / file system getting filled up/a crash of the OS inevitable.

Most unix / operating systems suffer from orphaned processessome them also can be tackled / properly closed by closing all dependent file handles when killing a process... , it is to be noted that these are not same as orphaned entries in process table.

6) while working at citinet ..applied for several internet domains some of which became very popular.....viz. namely hyderabad.com, shaadi.com, hyderabadtheatres.com, and pioneered online classifieds / yellow pages implementation with PHP through database as a backend.

7) while working for adesta.com, designed a method of transmitting sessions (with out time limits)

using html forms (kind of XML ...ideal solution for EDI interface i.e. B2B and B2C) for managing states between page to page transactions, what is now known as XML DTD (resulting in development of DOM) and also relying communication securely over http using encryption using html hidden objects.(Now what is called as XML RSS ...as being propagated) viz. A HTML form mapping to a database table ... with client side validation ...and a server side scripts that takes care of populating data into the table, and vice versa.

Developed a customer service direct email marketing tool, that collect's server side statistics of the person who read the marketing email, with a client side JavaScript method call (article read / column readcan be used collect column's popularity statistics.)

The encryption over plain http also translated into a VPN over internet.

This is being used by several leading products including Hitachi, veritas san suite.

suggested xml based indexing for a faster search engine.

Was trying for a H1b visa sent across all the necessary documentation required for filing the H1b visa info in jpeg format ...which probably laid the foundation for BPO and MT industry.

Acknowledgement of receipt of email, by turning of a flag in server side database.

A HTML based color for color selectionideal way of implementing this Is as a add-on component to web explorer ...much like the filler used in image Editing packageswhich takes care of converting it into underlying color code.

Integrated with above developed/implemented a mini editor (html based)for Customizing Greeting Card.

Client side pull for all xml rss feed based applications can be triggered with the inclusion Of a expiry date / period in the xml viz. to trigger auto refresh using html meta tag / xml RPC in applications dealing with non web clients.

Was the first person use form submission to host viz. logging of information into databases in lieu of email to create lightweight notification / communication mechanism, for all interactions from a website.the reason being many a times the client configuration in the users don't exist / they may not have a valid email id, hence this solution was proposed....ideally depending upon the requirement one may choose between both the options where there is stringent requirement that data is coming from a validated source viz. a subscribed source viz. through a POP/IMAP4 based account using the option mailto: is advised, else the above solution is proposed, also one may choose to a mailer from the specified mailed from the data collected on the website and check for the validity of the email through a confirmatory mail.

Ideally one has to be judicious based on the complexity of the user being interacted with in the web context one is dealing with.

Suggested scripting as a solution to automated hosting of WebPages in the following format

Viz. someone.webhost.xxx using / appending virtual hosting in to web servers and DNS servers.

Hence a requirement the of a web server (comes with a mini database like viz. ms access /mysql that works based on a template engine with auto creation WebPages viz. as has been executed for Alghanim Industries by me in Kuwait) a combined with DNS that incorporates the above utility as part of a hosting solution.....the requirement for this new product because most web-server's including with FrontPage / other ease to you use/web publishing software's are complex for most users....the above provides a ideal solution.

It is also be noted that a website provides an alternative / cheap mechanism for circulating a company/concern's brochure and is not an end in itself in marketing/sales efforts.

Similarly the above shall be advantages should the proposed solution (schema explained else where in this document) of incorporating a telephone number in lieu of IP-address viz. should be ideal say individual's having their extensions can Have independent web page at their system.

This works based on the concept when connected to the medium(viz. internet) the same telephone number should lead to the concerned concern / enterprise.

This Should be helpful to all sorts of merchandising activities of all types of concerns,

This tackle's the problem of gauging the fact that concept of a web related marketing / a sales person's visit to a client call is valid, and the person concerned had a good look to the concern's merchandise.

Implemented a naming mechanism ...with respect to a online greeting card implementation image...of various sizes...and resolutions

Viz. on a initial page or screen ..with several small ...images or greeting cards displayed ...upon selection of a image ...a larger image ...with high resolution or greater detail is displayed.

8)While working for GOTEVOT, Riyadh tried using ms proxy2.0 (caching feature) so that only non static content gets loaded/refreshed from web server while serving to the clients (specifically remember the instances with yahoo login ... I mean colleagues complaining logging into yahoo).....>.net

Deriving from above Specification: Web Server / Proxy Servers serve content,

Difference between both being proxies cache the data serve data locally, without Necessitating the routing of the request to the web server, essentially reducing the Traffic(with an option to cache data from which websitetried caching data from Yahoo web based mail hostresulting in conflict...that left all the users in Organization being bombarded with a day's old data....mailonly identifiable through date.....had the date been displayed to the users as is the case in most preprocessed contentviz. current day's date users would have been under the impression that they are yet to receive an email.....while the idea of caching the content from a web based email server is stupendous for any system admin who tries to cache dynamic content ... the experiment itself was carried out for a specific reason.)

Dynamic Data: When serving dynamic data there are / is data that is specific / Variable based on various factors

a)time b) country c) Group of individuals d) a person i.e. the amount of personalization required, various types of data to be cached and updated varies based on the type requests being received.

All most of the cacheable data being expiry-able based the above factors, most essentially the timestamp ... and hence the necessity of a java kind of gar-b-age collector that mops /updates the necessary data.

Scenarios)

- a) The interface required to view the email is same for every one, but the data to be displayed is specific the individual .a unique mail box/id.
- b) A web server serving the data say a online news paper, with the only updateable field being date .
So If the proxy server if it updates the data / cache once a day is sufficient.

But it cannot be applicable to email, .data is variant to individual users.

- c) Based on domain that the location / region from which the request is Coming / users preferences ..one can server the data in English / language specific to that region / language specific to users preferences.
- d) In an banking environment the interface is common to users,
In the cache if the date is updated once of a day is sufficient,
But data specific to each individual say .bank balance needs to dynamically Calculated every time.

Implemented / restricted the period of login by a user for internet usage ,

users where located in a NT domain, imported into a local account on the proxy server (resource located in the domain) through a script and deleted at the end of the period for which they have permission to access to the internet.

Can be implemented as a scripting solution in win2k....can be used as a billing solution for resource usage when using either win2k/WINNT servers applicable to all telecom, ISP domains ...with variable viz. the period or amount or duration of the access to resource ..as a parameter to be located as a field in LDAP, relational database or a field in the UNIX / NT/WIN2K user's properties that can be updated at end of each session of use of the resource using scripting (appropriate context as may be applicable ... unix ...perl or awk, NT ...Dos SHELL , Win2kWSH (GUI) or CSH command line scripting)

This concept can be expanded to UNIX as well by using groups.

(A noticeable easy to visualize advantage that I had observed in Unix is , for instance TCP/IP services are implemented as part of a daemon ...with users/groups access to TCP / IP as can restricted set of users/groups/services ..hence giving a kind of protection / thin layer of abstraction ...which also means ..services implemented / not part of a group ...cannot be accessedgiving an extent of protection from Intrusion ...from external sources.)

The evolution of Exchange server 5.0 to Exchange server 2000 (Routing server's or routing gateways for email)

Scenario: we had our office's split over several locations (for instance I used to work from battha and rowda offices while there where several office across cities interconnected) inter connected via DDN,

With exchange server 5all the user's accounts being hosted on the server located on the server located on the server in the data center.

There is heavy traffic for email usage for even users within the domain with round trips on DDN, with complaints for traffic on DDN between rowda and battha offices i proposed setting up a secondary server for users at rowda, with majority of users located here with a sub domain like users@rowda.gotevot.edu hence the traffic for users within rowda office not going across DDN, with routing to emails to external users through the main server in data center.

While this didn't materialize the concept did materialize into routing servers/ gateways in exchange2000 , where in the extra advantage being users can be split over geographical domains with multiple servers while sharing the same domain name....with users split over servers.

By the way exchange server 2000 is classified under export regime control and the reasons are all too different with any organizations using exchange 2000individual user's emails can be peaked at for/in circumstances requiring probe....guess the reason for export regime control.

Had to use bootable floppy disks for WINNT ...suggested a bootable cd which would be easier to use ,which subsequently got reflected with a bootable single disk win2k professional/win2k server/ win2k advance server.

Also suggested using flash as a tool for developing animation movies (for it can encode voice, frameall the elements required for developing production quality

movies) while i was in-between jobs after returning from Saudi Arabia ..and my sister was learning hand drawn animation techniques from color chips (.... The basis of animation being several standard forms of basic drawings for character creation i.e. standard set of diagrams / drawings for caricature Creation hence a base library of drawings that can be used (kind of those that are usually taught in animation schools or books for the purpose) which can be used as an add-on to Flash like utilitiesused for animationthat can used much like RAD cycle used in software Development processThis makes the process cycle of Cartoon film development Not only faster but also gives effective results for effective utilizationone can refer to the section that details about touch sensitive screen ... dot matrix boards that can be used potentially for the purpose also it be required to prevent these screens from wear and tear viz. scratch ... a polymer tissue sheet a top dot matrix board (kind of sheet marketed as magic boards) can be used).

It is to be noted a concept can be derived out of flash ,toon studio, photoshop (creation of image From layers), Maya do a shoot and let a character walk (example shoot of busy area or a building and Simulating a bike ride or say the collapse or explosion of the kind of 9/11) and create a real life Movie.viz. scope for enhancement/pluggin to Maya or 3D studio or a new software product that can fit in the place.

Used BackStreet orifice and several network monitoring tools(particularly rootkit) for fun and understanding hacking.

9)while working for kuwait stock exchange, solved the problem of users being able to do multiple sessions with a single userid simultaneously, I guess this scenario is also applicable users of instant messengers

There are many probabilities to this scenario

- a) some times once a user log's in, there may be a power loss at the client computer resulting in state where the user account state is left in inconsistent a state.
- b) The user session can be logged off upon a valid authentication from some other system.
- c) once the user log's in from a systemthe session active to be monitored from time to time..... say every fixed amount of timeand deny any further login attempts from any other system.
- d) The option to choose how the above kind of scenario ought to be treated for the Specific user can be decided at the user signup/register process of the system.

At this very location Kuwait stock exchange (client of Fapco) having taken up a exhaustive came to a conclusion that embedded SQL (with a dynamic cursor) is the best bet for stock market related activities ...with the interface to data handling being pro*c or pro*cobol.

Alternatively one may use native libraries supported by databases in combination dynamic cursors.

The above guarantee's both speed / faster transactions with reliability of transaction.

10) while working for a storage SAN company proposed using SAX(which they translated it into xml data sets ...this is very similar to java-xml-sax ...asynchronous processing of data) for one of its SAN Component(that uses xml formatted data, xml rpc) for overhauling its SAN product.

While i did miss appraisal (rather a negotiated settlement) as well a product patent ...given the nature of the product viz. san-point control san viewer ...can come in handy and useful utility for LDAP directory viewers , SAN,LAN,WAN based monitoring and polling of data ...kind of alternative to snmp

I mean indemnity value of a bug for a clustering product that specific's for high

availability ...funny part being the interface forces the user to implement the product from scratch with out storing session states, there by leading to no value for the product.

When same array port is connected to multiple OS hosts connected to a switch, with one of the array ports of a array connected to the switch, how is the scenario treated,

Ideally which host has a claim to lock on the port to use the array.

Array being a resource, All lun's bound to the array port in the array are visible through the port.

Constraint: As on date only one host can take a lock on the array port,

Solution: host's should be able to place lock on the lun's available, with a flag for log in the array's cache, so other host's are simultaneously not messing with the lun.

possible extension: over a network (say network computing environment), ideally lun's must be useable by multiple hosts along as a read flag on a lun is placed by a host, by all the hosts which can view the lun's through the array port.

Note: This is a marketable stuff in quite a few scenarios, including environments WANS over a VPN.

This company seems to have found a better solution for integrating one of its flagship backup product, for integrating with MS Exchange Server, from one of my earlier works i.e. backing up ms-exchange mailboxes.

wrote a fork simulator for windows in PERL (effort infringed by cygwin) ...essentially a single script or program that invokes a copy of itself ...and passes the necessary data or information as filename (command line argument) ...descriptor consisting of the necessary sharable data (hence possible to port unix based services to windows)

viz. A script or binary that calls it self ...and passes on a command line argument to calling instance from the primary executable ...hence ...the secondary instance upon being invoked can checked for the passed command line value ...and hence simulates or mimics a fork routine

A ideal implementation that mimics a fork call on windows platform ...duplicates the address space of the process ...and adds the address space to process table with a command line argument to indicate it as a child process (viz. i.e. a return value of 1 ...as can be understood)

(the above explains how non preemptive program's by a processor are made emptive or multithreaded or task sharing ...etc in a OS parlance or context)

also in one of the earlier experiments a couple of years ago consisting of

WINNT and Borland c++ compiler, by using a traversing(decrementing) a pointer to a union consisting of a char/integerthrows a surprise ...which says windows is very much modeled on the lines of UNIX(this part was discovered at Oasis InfoTech ...any body can dig it out who understands the meaning of a dangling pointer) ...also replication on windows sound's much like Unix's nfs / cachefs combination.

Ideally the above paves way for asynchronous system calls , light weight to kernel the can service most of the needs that don't require synchronous dealing with kernel (ability to simulate the required unix system call's return states viz. state of the parent and the state of the child, super imposing / replacing a process space with another program etc)

Simulated a alarm/panic call viz. switch's the execution context to a error handler program ...like capturing memory dumps etc.

Requirement:

- a) A Unix system call emulator for windows much like a mod_perl which can let any Unix application to run on windows.
- b) A include file which maps the Unix system calls(expandable macros / typedefs) to underlying windows system Calls when compiled on windows platform .much like the JIT. a preprocessor that does the above job.

Ideally a TypeLib declaring the functions and a In Process DLL.

Also suggested a common and integrated logging of error messages in their respective languages, as described above with reference language encoding.

Found an error dealing with active directory trying to demote a primary server, syncing it with other domain controllers and promoting another domain controller into a primary domain controller.

All of the following have potential impact to be effected by the above bug ... Windows Active Directory and active directory based products with implementations multiple or viz. secondary domain controllers in place may find the above bug hence windows active directory based server products, including exchange server the potential to impact /effect services being offered by these products.

- 11) Don't remember if any one was able to take GMAT/GRE ETC industry certifications online between 1998 to 2000, I was told to take a 3/4 hr written test on a specific fixed date at specific test centers by rsvping / reserving in advance, now a days these seem to be conducted on a daily basis those days at an authorized test center by just reserving the date.
-

Dynamic Page translation with language/text translation tools.

A Proprietary IM with automatic language/voice translation tool already exists partly.

Project to create a PC based soft SAN ROUTER (low cost alternative to existing san switches)

Project to create a \$3000 SANBOX (Integrated SAN switch with storage attached) can be marketed as a raid solution.....also these switch's can be used as an alternative to VPN's on leased lines(To develop a ultra high speed non Ethernet based alternative)

Database Management and Backup wizard (Integrating Database management of heterogeneous databases

(oracle/Sybase/SQLserver/db2/Informix etc) with an open-ended interface that can integrate with a backup software solution viz. Amanda/netback up/legato.

The above could be used for developing a DYNAMIC ERP.

{SET OF DATABASES IN THE BACK END + providers for database (DML+DTL) + frontend (ideally flash based product...part of xml data sets(xml data islands + validation tools in flash)}AN ERP for any situation forusers with expertise in all of the above.

Develop a flexible NM (Network Monitoring / Management) agent kit.

Develop a Integrated OS monitoring/management Tool kit integratable in existing backup/server management products....targeting ...Data Centers. ...two products in allone scriptable interface and one agent interface.

Take Data Center Management to next level ,

Wireless Network Management

enable remote network management by making data center equipment manageable by either snmp + wifi or infrared based switch management

[concept could be worked upon]

Utility of a pin ball with holes all over plug-able /embedded cameras ...usages security systems(fire alarms/extinguishers) ...(next generation sports goods...golf, cricket, hockey etc)...selection of the target camera to be used based on light sensitivity...an embedded image sensor with transmitter.

Ex: In most sports usually a object (ball) is used irrespective of whether a camera is embeddedembedding a WLL based WMD device and combining them with properly placed CCTVSand specifying a resolution/lengththe job the TV'crew can be scaled down just to selecting the view to be projected on the TV.

i.e. movement of the camera can be taken care of to move with the movement of the ball/object ...can be applied to any most sport.

Also discipline and order can be brought sports by designating few cameras to monitoryellow / red carded players.

New Raid stuff : Software RAID (simultaneous read writes)

Decouple the complexity out currently existing mirroring solutions viz. get around dealing with complexity of having to deal with complex solutions like lvm/(vvm_vxfs),

implement backup as a functionality of the file system, rather a separate function, with an integrated system signature(either through md5 or a strong certificate key)

than existing products in market can be found or noticed out of the libraries created by compilers used for programming, libraries more or less represent the kind of structure required for backing up file systems)on an additional note the size and quality of backups can improved upon much the same way the software libraries and their size's being proportional to the memory model (viz. tiny , medium, large with tiny being most compressed) being used(bit based archiver's ..viz. data being dumped to memory pool before being backed up using this method

viz. with data to be backed up dumped or written to bufferfor efficient writesunderstanding the way jpeg format based image's are packed , a binary bit map to be efficient in size and detail. Binary compression of data, data in each pool or buffer , after buffer or the pool getting filled can be subjected to binary compression (with amount of compression required to be determined for efficiency, balance between faster packing and unpacking of data) and written to backup medium, buffer after buffer or pool after poolresulting in a sequence of bit-maps that can be unpacked while data is restored from a backup (to understand the concept of a pool or a buffer one may refer to the documentation the open-source product called Amanda)

while compression is one issue, the additional benefit is most existing products use a top down approach that is starting root(/) (the idea is all encompassing disks contain what is called as ptable(also called partition table)which lists the disk blocks that are empty and those that have been writtenusing the above table with threads helps makes backing up fastershould ideally be better than those marketed as bit based archiver (to the best of my knowledge the current products in market just utilize the inode table's in the file system).

one of the suggested advantage of above mechanism is that by analyzing the file systems (devices) mounted on the root, a threaded model can be used that is faster (that is backing up on multiple devices simultaneously) which is highly critical for OLTP kind of systems where quiescing the system for backup is an issue(hence implementing libraries kind of approach would be advantageous to a great extent ...these files can be generated in memory before being written onto a tape ...alternatively with the possibility of custom built hardware, disk drives with multiple spindles ...viz. with each platter on its

own spindle (to indicate specific partition or a file-system hierarchy can be used for backups).

Now with availability of cheap hardware it is very easy to implement mirroring on all os'es, by modifying just a few kernel modules,

envisioned solution : [Implement simultaneous writes on multiple devices/drives, so multiple instances of devices drivers are invoked writing on to n devices/mirrors as chosen,i.e.

write a virtual driver on top a n instances of drivers handling the respective devices.

beauty of this is that you can have all of these mirrors simultaneously mounted, achieve point in time copy of your required partition/file system, by quiescing one of the mirrors,

A new kind of raidand leave the driver development and implementation strategy to the hardware array manufacturers/pc manufacturers.

The advantages of a volume manager based file systems and traditional UNIX file systems remain as is that is basically with reference to the no of inodes available.

The idea is to make / fit the concept of simultaneous read writes where ever feasible.

Refer else where as described in the document ..for implementing cable less data Communications ...using wifi or radio frequency ...also the ability to simulate a Data bus(requires multiple transmitters and receivers ... for data transfers ...for instance backups

Clustering Wizard

Develop a wizard to address implementation of clusters addressing generic scenarios.

GPRS enabled clusters + data syncing

Simultaneous dual boot PCs

Most techie folks in BPO and IT industries use/switch between multiple pcs. Now a new pc design that has shared resources with multiple cpus + shared motherboard [modelled on the lines of E10kbut very much a desktop]

Build a cluster containing more than 32 nodes.

What is cluster??. may have to negotiate with SUNe10k

Waste management solutionsA high calorie content rice brawn based biscuits (blended with wheat manufacturingprobably trying to get a customized blend.)

Neem products neem based gum/raisins(latex/adhesivesand other possible bio degradable polymers ...that can be harvested ...specific note about adhesive...a strong adhesive to stick cloth can be developed).... neem blended camphor .. as mosquito repellent ... on the idea of ionization, viz. concept on which oxygen gets converted ozone higher up in atmospheresimilarly camphor based air refreshners.

Neem paste can be used effectively against many a skin diseases ...including some communicable diseases.

Neem being a natural adhesive ...blended with other natural derivative based pigmentations can be used as hair dye, [...body painting and other natural art exhibits ... for those in performing arts etc]

Extracts from Rita Seeds are high in protein content that can marketed as processed food.

It is to be noted that trunk from drum sticks also offer package-able gum that can be used for book/paper binding stuff and for development of latex that can be used as latex for development of other derivative products as described above.

The gum can be harvested by making a gash by peeling a some part of the bark from the trunk of the tree.

Alternatively since rubber is a milk extract from rubber tree/plantsan observation that can be exploited is milk can be extracted from a species of plants/mini tree, one of which is popularly called Nandivardhanam (a species of plant that flowers white flowers seasonally), this could also be used as alternative source of latex.

Ways of tackling bugs(living beings)....

Most bugs are sensitive to smellmost of them lookout in search of new shelter / cover when their current place of dwelling(place of inhabitation i.e. hideouts) is inundated with some sort material/matter that makes them sensitive to the smell.

All bugs live on some or the other matter for a living ...by poisoning the food they consume it is possible to extinguish/get rid of the bugs.

A case scenario of Bed Bugs.

Bed bugs are liable to inhabit in all hideouts in furniture, pillows, seat coverings, cushions, linens etc where humans use... by spraying/exposing these articles to some strong pungent smell, all the bugs flee in search of a fresh hideout ... ideally speaking any smell that is lasting enough to make these bugs not to return ...is a good repellent ... and it is also to be noted these bugs just like any other living beings are dependent on food ...so any pungent smell that works as a repellent last long enough to beat their food cycle should suffice.

Kerosene, naphtha, any pungent gas (with outside effects), perforated or perfumed spirit works as good repellent.

Kerosene or naphtha derivatives work as good repellents as they evaporate quickly Being inflammable posse an amount risk But the quantities in which they sprinkled should be safe enough.

Perfumed / perforated spirit offers a safe option being non inflammable. ...spirits being non-inflammable can also be used in decorative lamps, as liquid medium to dispense say pesticides for agricultural purposes, dispense heating based vapour...base repellents.

A simulated electron gun for chemistry teaching in advance labs .

a modified variety.....with a sensor/unlinking facilities in those minute balls.

Suggest Lip syncing with a image sensor with a AI language translation mechanismsanswer lies in understanding the dumb and deaf probably solution lies in brail language / script

The expressions of grimace , mirth.....etc human reactions are all universal through a language of choice.

Pattern matching/recognitionon the image format and syncing those patterns to the language of choice.

Also note Programming that can be thought through brail language and a touch sensitive Keyboard for brail language that work in lieu of the standard key board (while a key board May be difficult with reference to the scripture/engravings required ..the very standard english language/keyboard can be though much like brail viz. engravings.

It is to be noted while the evolution of the languages have remained a mystery, most writing or script (lipi) of languages/dialects have evolved out of human gestures, which symbolized for various expression of various needs of the human form at that time.

Deriving from the above a new language/ Code of expression (vocal and expression) can be arrived at based on a agreed norm (some independent authors in today's time called it body language ...giving scope for disarray in one's actions and deeds ...may be a kind of code existing in groups to communicate between Them selves ...say in parlance of story writing/film making parlance who usually indulge monitoring to arrive at scenario or set of characters and their interaction/actions with surroundings to able to make feasible story (interpretation of the actions of the chosen).

A [miniature] rollable and rovable robot

Mobi Ticket: What is mobi ticket.....most users of applications must be familiar registering themselves by sending small information viz. their name /userid, age , location etcThis mobi ticket.

PaperLess Ticket: same as above but a web interface

Application: Travel industry[Applicable to domestic travel through out the world] Airline/Railway many more applications(including enquiry , schedule and confirmation services for tickets over SMS ...what more sms being chargeable convenience and revenue generating)

The user sends the mobi ticket along with destination etc [ticket] can be designed as per requirements.

The user sends an SMS to a particular standard number routable through several mobile service providers.

The user is charged a base ticket costlike how the most song/ lottery tickets are being sold these days this to be deducted from mobile service provider[revenue sharing because since the ticket is un encrypted , this SMS could be made no routable or delayed routing ...causing loss of business] ...if the ticket is not purchased within the specified period as detailed below the base ticket cost is deducted and transaction closed.

The ticket lies in databaseopen with cost of the ticket travelto be closed say one week before travel.

Most of the mobile service providers provide the option of recharging their SIM through ATM'Snow with a open ticket they can make the payment to the travel through ATM (back ward integration with banking ERP ...reduces burden ...ERP doesn't need/bother store the details of transactions ...a net/tickets pending are available that can be closed.)...advantage no service charge like debit card/credit card ..(also embedding the certificate described else where in the document enhances the security of the card)

This application leads to building up a viable Market Research product , resulting on a large DSS application.

The Application when the payment of open ticket confirmation is received from the bank...the Application confirms the travel ticket to the user with a confirmation code which enables the user to travel by collecting the boarding pass at boarding point.

Strength: All users necessarily don't possess a PC hence the success rate of the application is very high.

Marketing: Tie-ups with participating banks, airlines, and mobile service providers.

Additional steps: Linking of single mobile no with multiple banks, enabling

payment of the same through multiple accounts ...where bank balance in one is insufficient.....advantage to application credit checking when it comes to the stage of credit card.

Integration of the application through a web interface for PC and PDA/advanced users for GUI.

Integration of Travel Schedule of the Airlines tied up into the website ...either (xml dtd) b2b application or a applet.

Integration with Hoteling and Tourism industry (Air ticketing , hotel reservations using (xml dtd) b2b application).

Advantages : no service charge like debit card, no queues for airline , railway ticketing, imagine the amount of paper and money saved for mass events like a cricket match, movie ticketing.

Current Status: Project Feasibility study and looking for VC funding.

Strategy: Out Source the application for development.
Out Source the APP infrastructure maintenance to a different ASP.

My Role: Monitor Application Development / Interface design and deployment strategy.

This is modification of the above application in countries where finger print based applications are in usage....or in subsequent iterations of the application.

Requires: AI but the system is just short of AI and uses Identity to adapt to the adapting world.

Smartest of the smart phone, one stop identity management solution (covering all industries)

Just finished describing a next generation product that can work both over a IP based network / mobile network.

Simplest, cheapest and easiest to implement Identity management Solution
+
Revolutionize Banking technology (Do away with plastic cards)
+
Security systems Management.

(An Identity system that loses its identity as soon as it is lost)

Smartest of the smart phone's (one stop identity management solution)

Current generation mobile phones serve most of the requirement

Basic requirement:

Web camera(scanner) + EPROM(memory)+Data transfer(Infrared)
+ needs a touch sensitive screen/bodybut most of the time your thumb is on the screen.
+ combine it with digital image processing (preferably PNG format)
+ DNA sequence generation from fingerprints.
+ Genetic family tree generation
+ face recognition technology (a possible integration)

PS: Require a sample domain for experimentation in realistic world

Project Details : Welcome to the world of cashless(optional) + cardless world

Plastic Cards use a magnetic strip this can be done away with for the data they carry can be stored on the mobile.

Most mobile's coming these days are equipped with GUI browser, an MS wallet kind of digital wallet can be embedded into these browsers (irrespective of the embedded os one may use viz. java/wince/symbian etc)

The mobile also an (IP enabled device these days) can hold digital certificate, encrypted with the owner's thumb impression.....ideally at point of sale (identity certificate to be generated at point of salecollect details of the individualwhat more this certificate can hold a picture of the user)

ATM's world over are nothing but customized PC'Smost / all can be upgraded / infrared enabled.

ATM software up gradation to read a digital certificate / identity card received via infrared.

Mobile Security : Each mobile handset already carry's a unique number/identity

automatically transmitted on every time it is registered into a network, now this digital certificate also gets transmitted every time it registers into the network.....hence a complete identity of the handset + its owner is always present with service provider.

So it is hard / next to impossible for this device to used by any one other than the owner of the device, for the mobile locks itself as soon as / with in a few minutes out of the users hands orcertain transactions could be restricted only to the userlike banking transactions at ATM.

While dialing out/ receiving of the call's can open for non owners dependent on the owners customized settings.

Multiple ATM/DEBIT/Credit CARDS CAN BE HELD ON A SINGLE DEVICE what more with the digital certificate available , these cards can be applied to and sanctioned with minimal of interaction.....imagine credit checking etc available at the tip of a click.

This digital certificate on the mobile can be used for next generation locking or identity mechanismsyour car locks,your office attendance swipe in replaced with your mobile.

Net Result: A lighter walletfor the individual, highly secure.

A mobile handsetone stop solution to all the needs of a individual.

welcome to the world of Global Village.

world's first identity banking systemwith one identity store per mobile network.

and a highly available central identity stores for backup.

An lap for identity store and a corresponding database for storing personal history.

(Probably looking up for funding from private equity from investment banking firm/

equity options for participating companies in the technology
(a fresh IPO)

Implementation Stages : Card less -> Cashless -> Digital-E-cash.

stage -1 :

Card less : Easiest to implement (No requirement of PKI)

A Downloadable mobile wallet(applet)...store e-cards + up gradation of ATMs to support infrared and software to handle e-cards.

Plunge in straight with gestation period as low as 1yr.

Where to fit in the DSP processor for identity management, centralize it or decentralize.

Stage -2 : Introduction of next mobile devices with finger print recognition technology.

+ Identity Management ...including implementation of the new PKI .

+ Implementation of identity store in each mobile network.

Get a voice encryption(IP/digital/analog) technology implemented based on PKI

This paper by now should have made it clear, the weakness of the current banking technology

products that are gaining popularity the world over, especially the mobile banking system and the mobile based banking transaction products

that make the life easy as on date by a simple voice based confirmation to the bank.

The above paper makes it clear the advantages that are going to accrue out of this technology

under incubation.

Advantages of technology being proposed by me :

caters and keeps in mind several mobile devices that currently exist in the market, and those that may appear soon in the market.

currently short listing/zeroing on the companies that can come handy in the project.

Usage: Identity(finger print + face print(optional)...a MMS clip. possibility) any time free at any ATMs.
(Duplication not possible)create a digital certificate using open source technologiesthat could be integrated with all existing applications.

Technology : Mobile/app devices ->get+store your identity , first time freealso possible to generate it on your on device.

Should you loose your mobile/app device ...no problem

Get new device update the global database with your new device.
Pay per usage.

Applications: Left to your imagination.

Device a infrared enabled mobile ISA/ESSA cardone WMD per home to cover.
(A IVR enabled application with a embedded wmdshould be sufficient to bring the
smart homesaffordable)

[Ideally all smart devices with in a enclosure (say home here) report to the above IVR
enabled app with embedded wmd (much like the snmp)well with managing apps
usually (mobile/other devices) that can remotely log into the central app ...it pretty
much invincible ...one can remotely switch of the power at home or the central air
conditioning system or remotely fill water into the swimming pool heat it just in
time one arrives at home, enquire into a reservation systems/ booking enquiries, billing
(ex :telephone, credit card balances) enquiries etc what not the apps are simply left
to imagination

Note: power suspension in most environments can be achieved by breaking the circuit,
viz. with reference to the voltagean ideal solution to the problem is implementing
Mini motor that breaks or close's a circuitviz. taking the reference/ que from the
electromagnetic means used in the most front office doors used in corporate
environment or a small needle that spins ...closing the circuit...based on a kind
of suspension string /coil.

In Desktop/computing environments those that implement power suspension
mechanism's ... viz. that suspend/ break or circuit on mother board in effect
leaving the cathode ray tube be idleor the coil being not burnthence
the reduction in power consumptionfor effective implementation , may
use the concept that breaks the power circuit in the CPU ...with most VDU's
of the computers designed draw power from CPU.

Hydraulic lever's may also be utilized for the purpose when dealing with
high tension power cable's.

]

TV.....and internet browsingno need to a cable TV/ broadband browsing cabling.

Develop a non VSAT based banking and stock trade settlement system

Give free time bound access to all companies interested in integrating with new
technology.....concept.

Fix loop holes in V-SAT technology.

No of Satellites required covering the globe, 3 geo stationary satellites

.....>needs a satellite networking to cover a single broadcasting and
communication (if this is not possible in the air, this can be accomplished by
interlinking the broadcasting station's or leased lines ...this can be applied to
low frequency based vicinities like FM radio's that can operate upon same
frequencies across multiple region's in multiple locations....also one of the
contention being the same can be applied to the common frequency being
used by all mobile devices to listen over/get logged into mobile network
....should ideally be helpful for intelligence related activities as well , gives
the advantage of broadcast/transmission over a small frequency range that
is less penetratable by any one dialing into the frequency.

[

Also additionally for instance in India /most countries in the past have invested in
broadcast/transmission networks like Doordarshan(India) engages in relay of its
transmission over terrestrial network....which can be improved upon by encoding
using a technologies like GPRS in combination with IPV6 for packet and frame relay
that can be decoded with a intelligent device at the end user level that can used to
broadcast multiple stuff over same frequency....this is a concept used much similar
in mobile networks ...reason this being feasible being, since this involves only
reception by multiple devices over same frequency unlike the interactivity part
required as is the case in the mobile networks where there is minor variance of

frequency used.

The concept makes of parts of technology as implemented in TDMA/CDMA (WLL...ideally can be practiced on a available frequency to achieve the desired results/objective) + GPRS ...the idea is much similar to the one used in internet HOTSPOTS that make use of wireless LAN technology, the above should be able to increase the number of users/implementation of wireless LAN's in a office environments.

Note: All radio networks(Including mobile networks) make use of a receiver (in general a transistor/radio ...while a WMD is a transmitter(with limitations of frequency and range)/receiver with a Embedded processor...intelligent enough to encrypt / decrypt and modulation/demodulation of data.

The above viz. streaming of multiple content in the same frequency wavelength is possible by relative sequencing of the packets, for more information this documents speaks of the ability to let multiple program's communicate through a firewall in a LAN/WAN based environment, which can be utilized to achieve the above.

Additionally many a companies I have developed lightweight technology for streaming content viz. frames in a limited bandwidthwhich can come in handy to be used here.

In all TCP/IP communications all frames in packets contain address of the destination MAC address here in this concept contrary to a MAC address they contain a relative sequence number Indicating to which streaming content they do belong.

In effect the broadcaster has to ensure that sufficient no of frames are broadcast in each streaming media content such that the end user is able view normal content (audio/visual) one of the reasons to borrow conceptual stuff from TDMA/CDMA as used in WLL, it is also be noted while the end user equipment receiver receives all the frames irrespective of the streaming channel to which it the content belongsuser's selection of the streaming content suppresses the non relevant streaming content.

This concept can also be used along with some old transponders of satellites originally used for uplink and broadcasting of a frequency ...contrary the modern transponders being used for communication...viz. use CDMA/TDMA concept to uplink to one of the transponders and use the same concept on a different transponder for downlink frequency.

Also it is to be noted should the case be required even single transponder can be utilized to both uplink and download by using the above conceptby using a time difference/delay as has been described TDMA and using the concept of radio packets as described in GPRS....VIZ This is the ability to uplink and download in the same frequency (note: one may understand the concept of echo ...in soundthis can be put to use in military(sonar kind of stuff) to measure distances Of some objects(by emitting a specific unique GPRS series of packets ...capturing in echo....hence devices to exploit the above ...well the said concept can only exploited in certain circumstances ...distortion...may prevent / may not allow to get the desired amount of result say in cities kind Of surroundings(The phenomenon of echo can be observed with mobile phone users while using in high rise buildings)).

Note: This document also speaks about the ability to configure a device remotely using radio frequency / a infra red channel used in the mars explorer (viz. requires receiver of Data in a shadow region of the earth in this case to be able receive correct data), which can be used as a communication means with a object in earths orbit at night time using laser ...much the way BIOS is updated in a computer.

Also it has been illustrated else where about traffic guidance devices etc ...which on highway etc to give an indication for the vehicle ahead to give/make way for a subsequent vehicle,

Since most all WMD's broadcast in low frequency a generic packet can be designed which gives /alerts an indication on the drivers dash board (to ease noise pollution), for information a leaf out how a remote works in coordination with a TV set ..viz. distance and other attributes.

Also the vehicle requesting can get an indication back that his request has been received with indicator lights placed suitably(bottom portion of rear view mirror or rear of the vehicle etc) ...similarly ...a low audio beep in the vehicle ahead to alert the driver ...with WMD...calls that can be handled hands-free ...situation involving traffic can be handled

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One of the advantages of the above. radio frequency being a limited quantity gives the ability for optimized use.

Needs to brush up IPV6may need a minor modification , in IP addressing mechanism like

Viz. one layer in TCP/IP packet(viz. it is to be noted this is to be part of every data-gram) for can take care of

.....essentially i would love to convey the fact that a small packet(in this case a header in a series of packet transmissions ...relayed once) in the TCP/IP transmission should take care of specifying

no...number of networks[nth number in network] ----> number of devices in the network -> and its identity in the network.....this is viz. very much synonymous to DTD specification in xml.

.....this essentially meansthere need not be a fixed number of IP no's in a network and u can have one port and as many virtual ports as you can imagine[the new layer representing the individual application type/usage...can already fits into existing mechanism]

the idea is to have n by n networks and each IP having n ports.

Also the additional feature that needs to be conveyed is that a product can communicate on both tcp/udp i.e. the ability to switch between synchronous and asynchronous mode on the same product .

[

under the TCP/IP datagrams are classified as TCP/UDP where TCP gives guarantee for an ack and UDP doesn't require a ack, a minor modification to datagram with a flag which specifieswhether a ack is required or not should suffice ...reduces the complexity and changes many a scenario in programming context....essentially though while the underlying protocol is same ...one ought to change the interface / add an additional interface used for programming to achieve the ability to switch between TCP /UDP ...ought to use raw sockets....adding a interface to this helps for average Programmer to achieve the same.

Note: when with in a subnet all one needs is IP and one needn't stress on the datagram ...as routing is not required.

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id(layer no) viz. advantageous for applications like ftp.

(with the convergence of IP/mobile networks ...shouldn't we have a unique number across the networks??)

Additionally through a port on the firewall lets one way notification/communication of events (viz. collapse of software, expiry of license, SNMP notifications across networks, Quality Of service related events...for instance bandwidth gauging at client routers to

ISP providers) from the client software installations to the company/entity that wrote the software or any specific admin site (being a one way (optional) notification must be harmlessboth for intrusion or manipulation of networks whilethere exists the potential of information gathered on a network to be broadcasted to remote computer or network.

Hence if networking of satellites in the orbit is completea small update in the existing wmd devicescan give a new technology ...in hands every home equipped with a WMD enabled television can be converted in to a satellite based television and internet enabled TV sets..... all one need's is to add a mini key board to a TV. (Television sets by their nature and size ...should be able to synthesis signals sufficient in strength to be broadcasted to be picked up by a orbiting object in space)

One rock solid encryption technology to cover all transactions and all technologies.

Both GSM and CMDA can work butminor rework is required to get resulting applications work in their respective networks.

What is left would be Brand Marketing.

Ex: de-linkATM's from banks and let multiple banks make use of same ATMS, and let the expansion of ATMS.

what is left iswriting a next generation banking, stockall sorts of applications.

Pay-TV Accessdifferent encryption for broadcasting and communication technology. Tasks leftthese are just an outlinemore are yet to come

Note: One of the fundamental issues that is questionable , why cannot the same telephone numbers be used in lieu of IP-address and extensions as multiple IP addresses with in a subnet.

This should solve the issue with respect to IP/ web site hosting their legality / location Validation as most of them needs to be routed through a exchange/telecom operator.

A EPBAX with n number of lines (bandwidth) with extensions standing for IP-addresses With in a subnet should be a viable alternative.....and since switching of bandwidth Between the extensions from the numbers available on a boardthis should be A viable schema of addressinga new concept/technology acceptable and marketable, With temporary utilities that enable translating the IP based requests to the new schema.

Unlike the IP ADDRESS THESE CAN BE EASILY LOCATED, WELL OR ANOTHER SIMPLE UTILITY THAT LETS LOCATING THE HOST AND ITS SERVICE PROVIDER , MAY serve the Purpose partially but ...for reasons bet explainable the schema that uses a telephone Number should be more feasible.

While there are utilities that manage call routing / bandwidth between IP/ telephone Calls (applicable to both PSTN / IP protocol based lines),

The issue is specifically with respect to trace-ability of calls and a universal standard.

This should support/serve as a bridge between existing IP numbering schema and And telephone numbering based schema... additionally as there ought to be atleast An outfit in the primary locationit should also work out for warranty able stuff like Outsourcing....and call managing between primary and remote locations.

Note: By using minor variations in frequencies a Bus (based on the requirement ... n number of Frequencies (no of channels) can be utilized ...viz. using radio frequency as a DATA Bus For computing.)

It may also be noted that SCSI protocol can be used or applied by modifying or developing Modem kind of devices that can work in sync or tandem with SCSI compliant devices

All call routing between any devices connected via. satellite viz. mobile devices or

Earth stations(VSATS) , all transaction handling and routing need to happen only at the satellite only (for instance most mobile networks as implemented in India using cell sites/towers with low frequency transmitter's to available on a mobile network ... are prone to intrusion and eaves dropping ... hence no-guarantee to the data/communications happening through these communication mode while encryption with a digital certificate does offer some securitybut done not offer any guarantee from being eaves dropped.

- 1)whole thing is symbolized in a certificate server
- 2)sell it as a certificate server or dynamic generator
- 3)Different sets/type of keys to different applications.
- 4)Mobile Device Integration into a Banking System
- 5)Build a Next generation Banking synchronization app salable to different Nodal central banking systems in their respective banking regulatory authorities.
- 6) card less transaction system
- 7) cash less transaction .future possibility.
- 8) A possible Product for Digital finger print based key locking system which has a fixed life span and ability for no users
- 9) Salable simple viable electronic voting systems ..initially to be piloted and integrated into shareholder voting process of the companies.
- 10) Build a central small cluster that has a data bank of all devices that are getting their software updated ..viz. for voice encryption.
- 11) Licensable mobile app device ..as described in the above paper.
- 12) ISA/ESSA mobile app devices for broadband ISP.
- 13) Ball with holes all over .salable for different apps . Camera based security systems
- 14) A ball bearing with a single hole in the central ball onto which utilities can be mounted say kind of a rotatable camera , a karaoke connected to transmitter ... a surveillance device.
- 15) Build a reverse engineered gnome kind of database.
- 16) Sell one cluster each for each mobile network for implementing identity banking system with one cluster each for the single central satellite
- 17) Pay TV access implementation.
- 18) Get a set of banks to implement ATM based banking synchronization system to implement digital ATM /debit/credit cards ... already several networks viable available to experiment with this technology.
- 19) start looking out for low valuation companies to get in place both a satellite network .energy related as well.
- 20) sell licenses for the newly modelled kind of linux based mirroring for different
- 21) Experimentation with new kind of Network monitoringalso which leads / paves the way into Digital E-cash. Manufacturing companies.
- 22) A optical disk based film coated hard disk with optical disk read/write headwonder if this works if i should keep a file system intact....advantages seem to be that i can write and read two different things at a time.....also looking to boost the image of floppy drive/zip drive
- 23) Trying to fit in the optical gun as a read write head in a hard disk.
- 24) Remote data transfer/uploading ...using ...
- 25) A combination of XML and mobile base push/pull technology.
- 26) Sell space/a method for global exchange of national archives(all kinds)
- 27) Plug-able smart Pay-TV cards...in to existing cable TV apertures.
- 28) Trigger alarms simultaneously on mobile device of the owner for events like burglar, fire alarms on all the devices on which the WMD based monitoring has been activated, for instance home/house, car.
- 29) Equip mobile handsets or WMD devices with a numeric lock ...to be able to use the device (kind of screen saver ...in desktop computing parlance)...additionally the feature of pin numbers usually made mandatory for WMD's can also be additionally be integrated for the above purpose.
- 30) Mobile handset or WMD equipped with a compass ...that can give it's current location on digital interface.

An ideal implementation is a needle mounted on a battery , with a circuit or contact points on a circumference ...based on a intelligent circuit designed beneath the compass

and sensor(variable ...depending on requirement could be a processor).

(It is to be noted a charged needle discharges ...to a conducting material beneath, hence ...a sensor ... or a voltmeter or a dc sensor should solve the above context)

Alternatively a needle being deflectable over a magnetic field ...above kind of a circuit that can sense the presence of a metal object or needle ...overhead (logic derivable out of the implementation out a metal detector)hence a compass...and a range of devices derivable (galvanometer, air pressure, ohm's meter ...etc)

The concept as used in the TV remote (television handsets) ...termed Infrared may Be applied for the above (magnetic pulse or radio frequency

i.e. a needle that rotates ...comprising of two coils ...a needle that produces a magnetic pulse that can be sensed by the various sectors ...that come beneath the needle ..i.e. which ever sector (the end point of the radii of radial) that conducts the pulse ...sensed by sensor as the reading

Similarly ...glowing bulb that rotates on a needle ...with various sector (the end point of the radii of radial)...comprising of a optical light sensors ... a schema using fibre optics ...which particular fiber optic thread conducts a pulsar ...can also be used for the purpose

31)Equipping Mobile handset with GIS (including GIS devices)apart from being helpful in giving the exact location ...or local maps.....can be used additionally to track or indicate the current location or arrival timings, weather, accommodation reservations (refer to the concept of mobi ticket as described above ...for instance on a prepaid card based mobile servicesone may request for pickup of luggage, transportation, hotel accommodations) using public or private transportation vehicles at your favorite destination location or railway station, also

32) Customized rail road and road based navigation maps for GIS, auto downloadable from a service providers (ideally all important location or area's marked in color or as hotspotsimplemented as kind of image-maps in the context of HTML, and ability to trigger a scripting event or function....displayable necessary information using kind of in a CSS layerall required data-specific to such hot-spots can be loaded in a accessible client side java-script array or should it be in a network computing environments with low memory and processing powers on the client side, dynamically process-able on server side and downloadable onto the client side CSS Layer.

11) Increasing the wear and tear of a space craft / or increase the density of thin material by a highly potential carbon coatingapplicable to all kinds of discs that can rotate in any form

12) Propose a changes to a propulsion engine ...that uses the composition of the surroundings and picks up the right material for combustion.

13) Till now we have been dependent on the light coming from different constellation ...etcnow we can try sending a signal with a high frequency laser/infra red stuff from ...a space station.

14) Medicated jute blended with cotton fabric based medical bandages.

15) Looking for a succution pump next generation storage containersin a fridge or refrigerator you can

store for may be at most a yrherewe can store.....it..... (X)illon yrs.coincidence we don't require this technology for wine.

The above can also be used as heat sinks in today's high technology appliances. high end processors.

Also the importance of succuttion cannot be denied in the packing industry, particularly that of food packaging.

A vacuumizer based container that can keep perishable goods fresh ...bread (exposure to air can cause let fungus to breed) ...ideally a container with valve that lets depletion of air by using a vacuum pump

- 16) Integrating Search engines with domain registration authorities.
A combination of XML supporting databases to power the engine with a CGI kind of interface that can index including dynamic content from web sites.

Note: In the earlier Days ...search used to be implemented by collecting a few keywords by users and website concernedand most of them used to display the first few lines of /page/URL based on the keywords submitted.

- 17) Rewrite a DNS system that integrates with the proposed new TCP/IP modification ..if GPRS based service for data communications is used a cell no should suffice ideally (IP-address and cell-no ...being more less one and the same...viz. on the top of a device id(mac address or SID or SIM number in a mobile device), infact ...a mobile cellno can be inflated into a compatible noand a IP-address can be deflated into compatible noviz. a agreeable number pattern or size of char string Derived from both the networks while the derived number happen's to be a unique on the combined network

- 18) use existing ATM network set up for market research and consumer product

survey/sales...Integrate it with some popular online applications[long term] provide charge based value add services.....may be time to visit a doctor. A biometric strip to check ones blood stream (identify a few important measurable Parameters).

- 19) Packaging material ...viz. eco friendly cardboard manufacturing using a combination of jute based nets and recycled paper.... can be used in a modular synthesized units.

Plywood can be manufactured from fibre over coconut shell ...serve's as good source manufacturing particle boards used in furniture and also as good packaging material.

Note: It can also be used to manufacturecheap news paper.
Fibre from coconut can be used to moulded article's in lieu of plastic .
Viz. say trays, baskets for holding eggs, vegetables etc.

Air bubble filled poly-sheetscan be used for packaging article's usually market 'HANDLE GLASS WITH CARE'.

Hence mobile handsets, consumer goods electronics, work of art including porcelain based items can be packed in this manner.

Designing packaging(containers) for consumer electronic , soft or brittle goods Such that they can be assembled or dismantled easily would be a good idea, moulded card board or particle board ...designed much the way or on the lines of cabinets or shells or encasings as computers

while manufacturing plywood ...metal innovative screws and also metal sockets with threadings that can host screws ... can be laced in to the planks ...which can come handy or use-able while manufacturing deflatable or assemble and de-assemble furnishings as required

Note: For instance ...one of the requirements ...that one may come across is when Manufacturing a 100% deflatable furniture (say the frame ...that houses the cupboards or racks) ...the above lets manufacturing plywood planks with sufficient gauge or width that lets hosting a gauged metal thread ...into which a screw can be revitted

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- 20) Writing next generation bar code kind scanner ...using a new bar code algorithm.

- a) Can consist of alphanumeric codes.
- b) Can consist of a multicolor code based bar code.

It can also consist of color variation in each bar indicator.
Viz. pixel variation

21) Plug-able component based OS for mobile devices.

22) Make sound travel at the speed of light (obvious travels in space)
...guess already implemented ...radio frequency ...viz. pulsars from
sun occasionally disturbing the communications on earth's atmosphere.

23) online corporate/government/all projects e-bidding

hosted machine disk encryption using PGP other encryption tool,

Password protected Projects listing, tender submitting and processing.....an
integrated website with asp/php over https and integrated email server with
secure imap4.

Implemented on the lines of an online email i.e. web mail.

with total bids being published after the date of closing bids,
rating (merits/points allocated for factors considered for project
allocation) of the bids by the project poster.
and final bid winner .

Implement a global gazette for govt publications/notifications through out
the world...integrate the same with above site

A site that functions based on a percentage of tender cost posted, with a
HTTPS enabled browsing of the site ...all document submission of bids,
assessments to bid or contracts, payments optionally can be done by
connecting to the office numbers over a modem using ISDN.

Note: In some specific contexts or those requiring proprietary libraries not
shipped or installed on the client ...where the necessary client side
libraries may be missingthe required task may be executed using
RPC on Server sideviz. using encryption for communications between
the client and server side (this may require kind of in-process dll context
for each client session) for dynamic evaluation or validation.

24) fee collection for letting existing banking software solutions to storing image
data viz. storing encoded fonts for usage of language display.

Identity documents viz. photo identification are best left stored as pointer to files
in file system.

25) Culturespiders to suit agricultural farm conditions and sell them as natural
pest control agents.

Also culturing silk worms using latest technology, should enable production of fine
grade silk that can compete with viscose (artificial silk) currently in market.

26) customized image sensor for finger print recognition

27) An ATM with a satellite as gateway for transaction processing

28) An ATM with a satellite as gateway for transaction processing and a PSTN line for
back up.

29) High resolution camera/scanner to gain entry to an ATM.

(A combination of ~ and | is same as & in assembly language. would like to
verify the difference between RISC and other currently available processors
in the market), languages exist independent of processors i.e. all existing and any
new languages can be ported to any supported processors

This is highly valuable in terms of processors used in RTOS (gives a quantum jump

to processing power)

30) A one stop finger print based licensing mechanism for all sorts of electronic Devices

31) A HBA adapter used in SAN EQUIPMENT combined with wifi/wmd (also importing the concept of current hba login mechanism into san ...into wifi networks) , also the same on the switch side....also decide if the hba should talk to peers and the switch in bauds or something of the sort of TCP/IP packets...drilling to hba driver might help.

Talking in baud mode would be highly advantageous when implemented in a loop back mode or kind of VPN mode , as mentioned when utilizing the a simultaneous read write controller, specified else where in the document.

32) Traffic guidance devices including speed monitoring and speed control to developing countrieswith most/majority of metro's being covered by GPRS.

Traffic / civic sense while driving cars on non lane based streets or streets that share 2-way traffic,

On the above kind of lanes where streets are well lit, it makes sense to switch of head lights and use those below head lights viz. dim lights to lit the roadadditionally, on lanes ...mapped/cover by GPRS systemsand with most vehicles covered or being shipped with a WMD, this specific task can be automated ...viz. lights to switched off automatically ...and on additional note force's those using a vehicle to keep it in compliance with road norms as enforced by the civic authority responsible ... [note for highway based driving etc ...modifying head lights ...with concave shell ...for achieving proper projection of light would be ideal

To achieve the purpose ...a mechanized means of how a optometrist measures the eye sight ...kind of projecting the light from inside ...for instance ... Intel or mercury cam ..or sphere ...should the interior be a reflective surface ...may be used should the case require]

Additionally debarring those vehicle's not adhering to norm from plying on Bridge Or specific lane, or being stopped or for that matter those that have a problem With any of the functional system of vehicle (being a unit as whole) be debarred from logging on the networkand hence vehicle being stopped or engine getting igniteda problem diagnosis and analytical explanation for those vehicles with installed CAE kind of system's as found in a aircraft or luxury cars.

For the above kind of implementation, it requires such that WMD device implement in vehicle's ought to be able to listen in multiple frequenciesor change the Frequency in which they listen based on location or lane in which they are, i.e. Since the above kind traffic guidance requires a low frequency transmitter ability To service with in a vicinityand metro's the necessity use multiple frequencies To able to serve in adjust lanes ...kind of stuff one may be able to grasp from TMDA or CMDAhence a WMD device in vehicle's ...that change's it frequency at navigates or moves across lanes.

The software behavior in the above environments can be contrasted in much the same way between a activex component and java applet's behavior or execution in a internet browser , their advantages and drawbacks with reference accessibility and control on the client or host environments.

33) Mobile based interactive games with player participation ..got to check ...cross platformnot restrictive to a handset/ manufacturer.

34) VOIP phones with WIFI (MUCH LIKE MOBILE HOTSPOTS NEED TO BE DEVELOPED / INTEGRATED INTO EXISTING NETWORKS).

35) Needs to check the feasibility.

Usage of resonance for clearing avalanches, snow landslides etc may be we can pick some technology out of SONAR since low frequency should be harmless ...and usage of UV lasers(micro wave length

Of light that causes heat in water ...well ideally should be the case with even any form Of light...).

The UV laser (understanding from the mechanism of a microwave and also to the fact that Water molecules get heated quickly on the account of kinetic energy viz. molecules in motion) based technology can be used to neutralize tornado's to a Extent.

Similarly micro wave being having the ability to cause heat in water molecules (atmosphere Of earth majority consisting of water molecule's) can be potentially used for communication Purposes with objects stationed in earth's atmosphere (note different from radio frequency which is susceptible to disturbance's ...wind direction etc ...kind of minor commands as used in remote handsets shipped with some consumer electronic goods)

[note modifying a high candula head light ...with appropriate focal length (flexible as in a telescope and interiors as in a kaleidoscope concave lens based shell ...for achieving proper projection of light to achieve a fire-particle kind of effect ...that does the necessary job to fit in the above purpose

To achieve the purpose ...a mechanized means of how a optometrist measures the eye sight ...kind of projecting the light from inside ...for instance ... Intel or mercury cam ..or sphere ...should the interior be a reflective surface ...may be used should the case require]

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Also a sonar is a useful utility for special aircraft , defense vehicle ...lets detecting, potential (with the various implications for super sonic aero-planes) blockages in atmospheric layers ...say ...ice blocks or clouds...etc , ideal option would be the ability to position a sonar in the SKY ...as a geo-stationary or a geo-synchronous satellite

A innovative defense exercise ...that includes multiple such aircraft consisting of SONAR mounted with them ... A cluster of such aircraft that simultaneously can do a joint exercise with SONAR equipment (each aircraft positioned a few KM apart should produce marvelous results ...ideally for use would be supersonic jets) ...taking RESONANCE as a phenonmenon

36) Blue tooth based headsets(helpful in sports/all sorts of events) for mobile as a language translation tool (Back pack computers), with few recorded commands for auto answer/blocking/dialing of calls on a mobile phone.

Note : For the convenience of any one plying say car/jeep.....including the pilot in the cockpit of a aircraft, ground traffic controller, and those working in call center industry , with most of the the vehicles being equipped with a audio ,video(GPRS) based systems /computer in a luxury car that takes care of additional automated tasks ... blue tooth based connection /reception from mobile device to these audio/video.

Also with a voice booster being available, a karaoke(cordless ... optional) suitably placed/positioned that lets a vehicle driver to ...to be able to listen / view /answer incoming /take up outgoing calls.

Additionally with most mobile phone's equipped with FM radio, sufficient memory ...to host data (audio/video) ...a socket ...means of a that lets them to be connected to above kind of devices.

With most of the door locking mechanism's and the window panes viz. wind shutters to all the exit's of the vehicle being Operated with touch sensitive mechanism's (motor ...and a sensormakes sense to give the control of locking of the Exit door / window shutter to car ...to the driver ...either through cable connected to a central processor or a WMD.

Blue-tooth headsets being specific to handset, these having a embedded receivercan be made compatible with any device based on certificate,

or detection of the headset by device (infra-red)being set in the console of the device....deriving from this...to make blue-headsets compatible with a television to be able to listen and view while not creating noise pollution to the surroundings.

- 37) some encryption algorithms that can be used for backup/hard disk/IP.
- 38) willing to swap a little cash with any to help realize the importance of a new line character and those interested in introducing the same into to SMS notepad editors in mobiles, also implement a block list for blocking calls from specific numbers.
- 39) Create an online integrated dynamic certificate server/generator with key length(to be embedded in the certificate) to be decided by the individual/companywith certificate cost to be based on the cost of strength of encryption(key) chosen.
- 40) All existing mobile's listen of some standard frequency ,to be able to be available on a network, just wondering if the same frequency can be used to broadcast a fm kind of channel (in a viable format), since as soon as a call arrives the mobile should be changing the frequency hence shouldn't interfere in anyway for all Supported existing networks.
- 41) In my assignment or contract, the link of salary a/c didn't realize the importance of sending across an email alert (included mobile alert) for my taxation filings I guess this is applicable across the globe for all salary linked bank a/c's or taxation authorities ...a small fee based value added serviceseeking an IP.

Note: Most functioning governments require filing of tax or business or other form of Documents to the government, most of the time it is difficult or cumbersome with reference to standing in queues etc, a simple alternative is for these Gov run institutions to provide a secure URL through with documents prepared as per norms (say a chartered accountant / standard prescribed format) can be prepared (signed by access acknowledged with his signature, thumb imprint) a can be uploaded which on successful receipt give acknowledgement receipt.

Additionally should there be any additional information solicited or they can Cross verified over mediation of a call center (with proper identification)/ requested to pay a visit to nearest office at appointed time.

Note: For more information of implementing a document tracking and versioning System , refer to else where in this document

Electronic clearance of tax refunds to bank accounts of the employee's ...business entities with bank account specified or bank account with which transaction are dealt with ...use-case modeling or other means of achieving a or deriving ...feasible model or design may be applied

- 42) Looking for private/public/even a co-operative kind of a thing shall work funding to open a large scale dry-clean business which has scope large scale generation of blue color jobs ...just want to be facilitator
- 43) Digital Signature enabled windows registry locker.
- 44) Integrated software to store voicemail/fax/pager for laptops ...useful for those using 24hr internet connection with IP.no/10 digit unique no of the laptop as a reachable address
- 45) Next generation Applications utilizing LDAP and mini web browser (with LDAP browsing tool already available in browser) taking session states is very easy and simple(storage of cookies in a systematic manner).
 - a) Session states using cookies become easily manageable, less prone for manipulation on public systems.

b) Can be used combining the capabilities scripting engine and LDAP in correlation/addition of attributes to objects in a hierarchical viz. a LDAP database.

46) A multi boot system for dell 1600 with a bios GUI

47) Server side xml + dtd +LDAP (session state)(kind of content management server)

SSON software implementation using LDAP based web domain ...with ..session specific Parameters that can be carried as part or URL or ... HTTP Form or XML-DTD based documents

SSON software implementation using RDBMS based web domain ...with ..session specific Parameters that can be carried as part or URL or ... HTTP Form or XML-DTD based documents

With respect to a LDAP or DBMS or non RDBMS databases and a RDBMS being a row-level lockrefer else where in the document, the sign-in or sign-on id used by a user into domain website or for that matter most of applications ideallyconverted or using ascii value of each of the characters in the sign-on id , translates into a numeric value ...unique ...which can be used for ...unique index or sorting ... apart from storing session details in the URL or as part of HTML forms can be stored into the database ...as relation or a specific row dedicated for such authentication and identificationsuch that the a abandoned session can be picked-up after Signing to the domain ..and be re-directed to specific session at the option of user.

Alternatively ..the numeric sum arrived at by adding the ascii value's of all the characters in character string also is unique number that can be used for implementing a unique index or sorting of data in database say ..DNS...name resolution

Both of the above offer for implementation of sorted B-tree ...based organization of data where , All the rows or data is a pointer to a file in the file-system (refer else where in the document for a specific implementation of a file-system on a JBOD or raid array ...or specific platter of a bunch of platters.)

48)A MF (hedge fund) to cater to the needs of investment banking(the role of a venture capital with high riskfor potential projects under incubation.)

49) write a UNIX(all flavors) daemon to implement resources access by using resources access control based on groups ...while getting rid of the draw back present in SUDO admin utility (i.e. having to specify a login every time you use the resource granted to you)...ideally on the lines of chroot (that makes use of a sticky bit) while chroot is used for mostly limiting accessing of resources over the file system , the specified utility is targeting limiting of usage /execution of resource.

other usages: scheduling Backup/Restore/Export/Import Utilities

The concept mentioned here takes advantage of the kind of UNIX daemon utilized in inetd and a few web servers(execution with root privileges)

50) Build a universal yellow pages directory ...viz. ideally a web based product

51) Display valid sections in bank statements viz. if savings a/c only sections/notices relevant to savings a/c (similarly to salary/current a/c's etc)

52)Dynamic linking of html form based client side array's with updation of client side arrays either with (parent child relation of the array's represented through XML / DOM)/ JavaScript populated arrays[this can also be achieved by using dynamic html (DHTML) in a different manner/by using iframes].

Origins of DOM can be found in the above model of populating and manipulating JavaScript Arrays.

Viz. say the number of states with a country to be displayed upon selection of a country.

53) For online traders ex: www.etrade.com, www.icidirect.com, www.sharekhan.com, www.hdfcsec.com etc setting up a trigger(computational formulae) at which shares

could be automatically be placed for sale (viz. price range, profit margin, potential loss due to loss in market/face value).

54) Drugs to simulating hormones for curing internal ulcers as well as making the function of few glands activated (Also for instance the unwanted hair on human body could potential be suppressed by regularly consuming a drug / formulation that negates or suppress the pituitary or appropriate gland that may be responsible for the cause.)

55) payment based Implement a online land/property owner ship verification /record

56) Integrated online PF allocation/ de allocation and request for loans etc ideal integrated with Taxation Idideally a integrated bank a/c some standard unique no

57) Either an integrated spell checker into both the text editors and browser or a embedded text dictionary into a website for providing spell checking to rich text editors

Similarly on both 2 tier and 3 tier architectures ...while entering data into data entry screens fields can be tagged or marked much like CSS style sheetsviz. tagged for case formatting, spell checking etc and proper interface viz. button or a JavaScript based function that takes care of the above.

Ideally interfaces from standard word processors viz. MS-Word, WordPerfect etc which can be assessed through shared libraries can be utilized the necessary processing can be done on client side or server side base on requirement before insertion into database.

Alternatively data in a database ... can be displayed With formatting using CSS formatting ...while retrieving data.

Note: In some specific context's or those requiring proprietary libraries not Shipped or installed on the client ...where the necessary client side libraries may be missingthe required task may be executed using RPC on Server side.

58) online raffle tickets for selling of different things.

An important and convenient way to dispose of second hand goods, Determine a Fair value price of the goods and conduct a raffle should work out better than auctioning for many a stuff.

Raffle subscriptions through registered mobile numbers.

Similarly a credit card /subscription to mobile linked online raffling for high income groups with a token monthly fee that can promote online stores.

An alternative schemethat can guaranteea guaranteed gift on specified number Of subscriptions (a date with a celebrity / as being promoted by virgin airlines etc) from a pre selected list at subscription time also called wish list.

59)A NBFC to hold chits on onlinewhich provides a transparent means for conducting the business ...removes any earlier hazards that had prevented NBFCS to foldspecifically in India ...linking with a debit cards and also this should help running this sort of thing with in a company between colleagues should this be legal in the respective host country.

60) Full text search based worldwide listing of lost and found articles with \$1 for lost and free listing for found articles with a integrated listing of messenger id's and contact numbers.

Note: Most people lose their articles some or the other day, retrieving them would Difficult and a police complaint may not give the desired results most of the Times, the above should solve the problem should the owner of the lost

Article agrees to pay a reward/percentage of article.

61)A mobile phone that can come along/rather work as a frequency jammer as well.

Understanding a jammer: A jammer is something that blocks a radio frequency.

Implementing a Jammers: Light is a energy form hence can never be used as
A reliable communication, unless broadcasted in a reliable pattern (also called
Spectrum.)

For radio frequency requires a medium for travel i.e. atmosphere,

A sound proof system/ since sound waves can collude , a broadcast that blocks,
Incoming waves should be able to implement a kind of jammer.

While most of the time a jammer may not be a ideal solution (viz. some secure premises)
may require that all presence of transmitters be disabled, but most of the times
requirement is that honor the protocol in a premises viz. ability to honor pin drop silence
or disallow noise distortion viz. disable mobile calls (incoming and outgoing).

Best bet is to enable a device compliance protocol within any premises , viz. a small
transmitter in the premises that broadcast that all calls are disallowed ...to which the
device disables calls in the vicinity ...while other sms /email/alert of incoming calls are
allowed ...to which the user can move out of the vicinity and complete his communications
transaction.....solution is that of a GPRSS/radio packet broadcasted to devices to so as the
devices comply with the norm in the vicinity....the same can be applied to traffic compliance
devices as has been described else where, like speed limits etc(for instance WLL based
frequency can be used for the above , while the type of radio packet received on a lane
change can be used to enforce speed limits on city lanes or highways where required
arrangements have been made for instance may be much like how it works on a runway
...while enforcement of speed limits on a lane by lane on stretch may be difficult, the same
can be easily/readily enforced on stretch as is with the above technology).

[Traffic / civic sense while driving cars on non lane based streets or streets
that share 2-way traffic,

On the above kind of lanes where streets are well lit, it makes sense to switch
of head lights and use those below head lights viz. dim lights to lit the road
.....additionally, on lanes ...mapped/cover by GPRS systemsand with most
vehicles covered or being shipped with a WMD, this specific task can be automated
...viz. lights to switched off automatically. ...and on additional note force's those
using a vehicle to keep it in compliance with road norms as enforced by the civic
authority responsible.

Additionally debarring those vehicle's not adhering to norm from plying on Bridge
Or specific lane, or being stopped or for that matter those that have a problem
With any of the functional system of vehicle (being a unit as whole) be debarred
from logging on the networkand hence vehicle being stopped or engine getting
ignited....a problem diagnosis and analytical explanation for those vehicles with
installed CAE kind system's as found in a aircraft or luxury cars.

For the above kind of implementation, it requires such that WMD device implement
In vehicle's ought to be able to listen in multiple frequenciesor change the
Frequency in which they listen based on location or lane in which they are, i.e.
Since the above kind traffic guidance requires a low frequency transmitter ability
To service with in a vicinityand metro's the necessity use multiple frequencies
To able to serve in adjust lanes ...kind of stuff one may be able to grasp from TMDA
or CMDAhence a WMD device in vehicle's ...that change's it frequency at navigates
or moves across lanes.

The software behavior in the above environments can be contrasted in much
the same way between a activex component and java applet's behavior or
execution in a internet browser , their advantages and drawbacks with
reference accessibility and control on the client or host environments.

]

62) A flash based utility for remote desktop management over the web.

63) A HiFi surround system combined with a quality speakers that can beat the best of the best products in the marketa pc based multi sound card based system.....that can be used in home to theatre's.

The existing device driver's need to be optimized to store the BASS setting for each independently addressable unit's sound systems (speaker).

The necessity for multiple sound card's raises out of the above and also quality of through put.

Ideally developing a system a unit (speaker + sound card) that can be plugged in to a pc through a USB/fibre optic interface gives the best possible option ...with the driver located on the PC.

The above concept can be extended to lighting systems as well used popularly in outdoor lighting's.

64)Devices powered Mini rechargeable batteries combined with solar panel and IR enabled (viz. ex: pocket carriable calc).

65)Horn/noise less alerter for vehicles (basically a dashboard based bulbs) to indicate make way, by using IR.

66)smoking is injurious to health either passive or direct , passive smokers cannot help but to bear the burnt, at least it can be made enjoyable and smokers a new kind of taste by introducing flavors of incense in to cigar's (chemical composition as packaged in incense sticks can or may be mixed along with cigar composition ...scope additional flavors(as described may be explored ... fragrance of various flowers rose , jasmine) ... etc.

retailing cigarettes as tobacco wrappings in beedi leaves offers a good viable option , and variety in the market

Similarly flavored mouth refreshners (tablet/liquid form) can developed with reference to the Market opportunity , bubble/chewing gum ...with embedded mouth refreshner / wash offers a variety (it is to be noted that flavored fruit extracts i.e. juice ...liquid ...can be encrusted in the above form and retailed)

Additionally sugar or other carbohydrate based particles can cause tooth decay, chewing gum that is friendly to the tooth (not harmful or incidental to tooth decay) ...sugar free etc.

Soft fluffy material (a superior quality or variety of what is termed as sponge ... usually used for mopping water ...for more information refer to facial cleaner ...tissue papers sprinted with mint) sprinted with mint ...can be marketed in lieu of chewing gum ... ideally advocate-able as not swallow able ...would be good option that can clean the teeth ...should work out better when compared to using a tooth brush ...on an additional not due to the nature of the material ...swallowing does not have any side effects to health and is guaranteed to be ejected out safely ...through digestive tract ...as part of stools or faeces

67)Create/standardize lists of words in languages other than English and spread the game of scrabble ...after all it helps players builds vocabulary and learn new language easily (this is easier to implement by using the common database of languages that comes by defaults with windows)

A Board game online as well as applicable to the kind of physical manual,

Each Player is let to pickup 'n' number words from a pre-selected list of words (kind of scrabble dictionary)

The player is provided with sufficient number of alphabets as required or sufficing the above selected list of words (ideally the list of alphabets in each word fall into a basket for each word selected ...the player is not allowed to save the word to text file or write it on a paper)

upon or within agreed timer ...mutual (total time fixed for a game)...each player gets to frame a word in a scrambled manner ...the other or opposite player gets to unscramble the same ...the allocation of time and score can be varied ...either fixed for each word or time as used flexibly in chess ...the number of points to be awarded or allocated for each unscrambling can also be left to the player

The framework of the game (as indicated in 67) can be made flexible ...and interesting, it is to be noted that while the player gets frame words in unscrambled manner ...it is not necessary that he needs to include only the words picked up by him from the word list ...the player can utilize all the alphabets or letters in the basket as long as they lost, while adherence to the list of the words (i.e. those that can be framed) as in scrabble is optional

The basket can be constructed such that on a checkered squares indicative of alphabets from a-z ...with remaining or counter of alphabets on each alphabet or letter

This provides a drag and drop(kind of stack of cards) scope for alphabets on to the game

A Board game online interactive game , the players are presented with a completed scrabble board i.e. where all words are built-up ...where each participating player is provided with a basket ...the players keep picking up the words in rotation ...as long as the words remain on the scrabble board or in with a fixed timer based period

Alphabets in each word as picked up by the player fall into the basket of the player , the player is not allowed to save the word to text file (copy & paste or use clipboard)

upon or within agreed timer ...mutual (total time fixed for a game)...each player gets to frame a word in a scrambled manner ...the other or opposite player gets to unscramble the same ...the allocation of time and score can be varied ...either fixed for each word or time as used flexibly in chess ...the number of points to be awarded or allocated for each unscrambling can also be left to the player

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The basket can be constructed such that on a checkered squares indicative of alphabets from a-z ...with remaining or counter of alphabets on each alphabet or letter

This provides a drag and drop(kind of stack of cards) scope for alphabets on to the game

Also alphabets arranged from a-z sequentially ...to access email sorted by name or sender

68) A flash based client for oracle designer shall be faster than java based thin client for forms refreshmentthis is the case with any where flash is used instead any other GUI interface

(including 9i WAS) ...and needn't be emphasized again and again....the same is applicable to all web based products and ERP products (viz. e-commerce applications ...websphere ... weblogic specifically admin interface and traffic/ and other trends utilization ex webtrends ...SAP/ ORAAPPS)...the issue is with respect to refreshing of GUI ...and it is faster with Flash...and the reason is well documented.

ERP: A COLLECTION OF TABLES USUALLY DESIGNED IN CONFORMANCE TO NORMALIZATION PRINCIPLES WITH A GRAPHICAL INTERFACE AS A FRONTEND.

- 69) The widely available common grass contains highest amount of starch (edible /non edible) ...

Starch has been traditionally extracted from potato MIDA being one of available forms for consumption for edible and non-edible purposes.

Similarly RIPE banana being a source rich in starch can be exploited for Extraction of starch usable for edible and non-edible purposes.

I guess this can be scientifically processed for utilization.

- 70) A single DP/ID can be used / linked across the stock exchanges around the world which can be utilized for a round the clock trading,

An ideal implementation would be a trade system based on confirmation of the trade on a 24hr cycle viz. a stock submitted for sale can be squared off against purchase offers within a local-time zone or against purchases in other timezone and hence a ideal 24hr cycle Make the shares trade-able on a single ticker symbol across the exchanges on the globespecify a percentile variable or upper and lower limits to seal off trade.

- 71) I can confidently say there is little or no difference between syphilis and AIDSit has all got to do with immunitypartly being managed with antibiotics i guess drugs can be developed to simulate the natural development/simulating immunity in human body particularly this can be demonstrated / seen in the growth of infant from its mothers breast feed (I am not sure of the validity of this).

Penicillin a natural extract from spiders , Ideally should be the most safe antibiotic (as a first line of defence, the powder form can also be used) that can marketed in the current market trends.

A funny way to pregnant a women without serum exchange is to ejaculate in condom and inseminate the women as soon as you ejaculate.

Observation: In an intercourse many a times unfertilized eggs from the women tend to stick on to the males skin / penis ...these eggs for some strange reason tend to Surviveon the male's body ...leeching to his immune system ...when he mates with another women in turn becoming a carrier ...spreads these eggs to the new mate ... Which the women gets infected with. ...there doesn't yet seem to be a proper cure / Method to distinguishthese foreign bodies on the host echo system.

The egg's which populate by cell division spring up to the surface occasionally in the carriers body from time to time .

One of the STD's also called Genital warts could be stemmed to an extent by electrolysis a form of pasteurization.

- 72) A four stroke engine based 3 wheeler vehicles for developing countries.

- 73) Gene crossing between palm tree's and vegetative cover(tree's) found in tropical region to make these tropical plants to with stand in a desert climate...corporate farming is possible by using either UV filtered/dark float glass....infect the same can be extended for floriculture...cultivation of flowers.

- 74) Betting/ satta is a informal phenomenon observed with most sports /eventswould be better off integrating them/linking them to a kind of futures tradingfutures can also be used for auctions...viz. tickets, currency....all of them could be mapped in to a new product(taking out of exiting features from products currently available on exchanges) put up on financial markets , which eliminates most of the under hand dealings and gives a sense of encouragement and better

way of making money than to depend on sponsorships for sport persons
(encouraging them to strive hard in their efforts ...this automatically brings in
the best out of a sports men)

These need to be incorporated into a proper form tradable on stock markets over devices
such as Mobile /PDA/PC etc

There are two types of methods being used in retailing these days push and pull
Viz. pushwhere retailers are forced to purchase stock outright from company

pull....with lots of advertising generating enough curiosity , customers start requesting
the retailers for the productsretailers in turn.

Delivery based futures can be used in the above scenariodetermining a fair price
by retailers for purchasing the lots based on demand....this could be any sort of
commodity.

specific advantage here is for manufacturers who want to de-link them from branding
....which leaves ...the branding and marketing costs left to the retailers.

75) Create an experimental piece of land....viz. letting breed coral reef on it and see
how it would turn out some 15/20 yrs down the lane.

76) A HTML form that can both be submitted as well as send a acknowledgement
email...illustrated using server side scripting in one of my earlier projects..
with backend a SMTP based server.

77) calculation of time zone difference between a client computer and a server with
server side time reading and client side time reading...WMI (WSH/CSH based
scripting) could probably be used (accuracy depending on the accuracy of battery
residing on both sides i.e. server and client)

78) A possible biggest client for nfs today is a pocket pc/IP enabled mobile devices
....similar to the one as described above(specifically for syncing file systems)

79)

a) similarly samba is good solution for above(i.e. mobile handsets, pocket pc etc
all those that are enabled with a IP) and as described in one of the projects
above ...logins to a remote windows/all directory enabled domain...biggest
client being mobile network implementation.

b) a directory with user information and a flag as an indicator to suggest whether
the user is logged in or not can be used to achieve the same as above.

Ideal usage for field representative into corporate networks....devices such as
pocket pc, pda etc which can be used for all sorts of statistics collection and
census , electoral census with enhancement adapter devices that could be
used to collect finger print as well.

80) scanners that can log in to remote databases for authentication and verification
....viz. verifying say scanner readable currency notes.

81) ASN notation embedded LDAP devices HP(sam) and other network monitoring
devices(mostly BMC, openview products) using SNMP can be scriptable in any
languages ...this is a compulsion for any device with light weight memory.....and
but management server needs a corresponding database...henceat most
places where monitoring minor /lite weight devices SNMP scores...with memory
becoming cheap, flexibility of management between using wmi to SNMPis
best left to the manufacturers....actually this offers a simple solution to build a
bridge between both wmi , SNMP and implement an emulation software that can
handle both kinds of implementations stand out for an advantage(it is choosing
between light weight/heavy weight and flexibility)

82) A disk less pc (with gigs of flash memory)...with remote mountable disks for
processing/storage.

- 83) A combination hard disk consisting of read only(optical disk)and updateable hard disks particularly useful banking / other sensitive sectors for storing classified data ...viz. in a personal record (age, picture, fingerprint, signature) to be stored on a read only disk/storage. only write once....and other data ... viz. address etc in a updateable medium.

A file system on a CD(re-write CD) can be left open with out closing .i.e. locked at the end of the CD making it non write-able any further, the new proposition propose is that introduce a lock on the file system after a few sectors and leave the rest of the file system read/write ... mode of implementation can be learned from studying few UNIX file systems.

- 84) Pixel sized window that can be used to store / hide scripts from users for validation etc in HTML ... a pixel is so small by default such that it ideally should be hidden by default.

- 85)AutoCAD(engineering...drawings simulation) a layered output can be used for marketing ... but to best of my knowledge the generated output is heavy and usually requires AutoCAD to be present on the client machines../Maya/3dmax/director can be used to a typical view of models(housing/infrastructure) that can be used for marketing purposes

- 86) career risk insurance(occupational hazard risk insurance) as a marketable insurance product.

Most individual/subjects are prone to some sort of health disorders and injuries in their respective professions resulting temporary to permanent impairment / disablement in continuing with their profession/career.

The above can be marketed as a viable marketable insurance products.

- a)cover temporary employment disablement

A injury that might result in temporary set back out of profession viz. sports person, film personalities

- b)cover disabilities or diseases that result out of routine profession.

viz. eye sight, vertebra or spinal cord injuries kind of stuff for people employed in services sector say BPO, IT-services.

- c) cover loss of income/impairment from taking a regular income from profession.

Note: If not all several forms of insurance should ideally be permit a individual to take multiple policies,

As long as he pays the premiums regularly....while this should be made possible one ought to keep in mind that none of them are misused....

Ideally ...all sorts of pension , endowment funds should into this category.

- d) Insurance products may be designed to stem or enforce population growth in geographic domains ...and also such that as population grows ...life expectancy may be decreased

- e) Insurance products that may be designed ...utilizing the popular ratio of ages(one may refer to standard text books of mathematics that describe the concept of ratio of ages), it may be noted insurance by its nature , investment of funds and nature of business.

Note: with regards to taking up multiple polices, while am not a subject matter expert, Insurance by its very nature should ideally be permissible.

- 87) Mobile to Mobile handshake with signature verification based on a digital certificate ...for data transfer/log creation....this can also be used in the TV remote & TV for blocking channels parental guidance, storing menu options/preferences.

A numeric keypad to most modern television sets would be helpful ...should the remote controller not work.

88) while displaying years in html drop down box's it is much easier to get a number of the year by introducing 4 numerical drop down boxes listing from 0 -9 rather than listing all the years.

89)Gene crossing to artificially culture ivory (in plants)

90)writing a chat client by using flash plug-in makes interactivity easier and also it much more light weight....infact this applies to even Instant messenger clients, this also minimizes the size/eliminates downloading IM software ...makes it very much light weight.

91)Fighting Consumer Rights: Companies have a right to educate consumers

Indemnity of consequences arising out of usage of a product is limited to the cost of the product(faced this situation particularly while developing a product for a software company in Kuwaitwhile there were no lapses from the designers point of view the vulnerability of the product is was left wide open and management couldn't take my words for it.)

Indemnity clause can be used a means for declaring in advance and restricting the companies risk out of selling product/service....the validity is well aware because the customer is proceeding with procuring product/service after trail use and hence is making a responsible decision.

Apart from indemnity ...with reference to the terms Guarantee and warranty, the Nuances that exist ...

For instance for consumable articles ...terms Guarantee and Warranty can be extended

While warranty usually deals ...safety and related clauses ...Guarantee give specific rights to Consumer

The purview or idea from the point of the author with reference to Guarantee is ...a say Notional idea

Warranty: A pair of shoes or footwear or tyre's bought under warranty ...of lifespan of the product

Guarantee: A pair of shoes or footwear or tyre's bought under warranty ...of lifespan of the product

The idea or view of author: Any product bought under the warranty of the manufacturer May not specific rights to consumer.

Any product bought under the Guarantee of the manufacturer may not specific rights to consumer ...not only to refund of money but also claims with reference any incidental causes (financial and loss of life) ...with such claims ...financial ...to existence of the products in market ...being enforcement of law ...and also purchase terms

(while the notions of warranty , guarantee ...indemnity ...are subject to existence of parties to claims ...will of the law enforcement authorities (a variable based on geo political factors , circumstances) ...for instance nature of claims made by this author ...and also inheritance from maternal ancestry)

92) 100% digital stock exchanges ...particularly eliminating involvement of brokerswith direct linkage to bank a/c's ...with load balancing...and paid access to each specific individual share holding patterns(risky in one way ...authorized access, safe when it comes to investor protection with reference to trading and settlements)

Integrating a ERP packages...that track and declare or monitor ...accounting , financial status, assets of the company listed ...hence guaranteeing the reliability of stock markets,

It may be noted that endorsement of stock or share certificates ...in the presence of a Bank official or a witness ...kind of a sale out of market or physical form of trading that a endorsee can get it transferred in his name (the nature of the instrument ...may not be same as a bankers cheque (i.e. value of the instrument) ...but norms of endorsement as a procedure may or can be applied)

- 93) Similar to practices by leading institutes prevailing in the west, it would be nice to introduce a compulsory (capped amount trading and investment practice) to students/apprentices undergoing professional courses looking major in commerce and related professions ...this increases the in vigilance on the stocks listed on the exchanges and imbibes/encourages to invest in stocks.

Also the same applies to educational institutions usually with surplus corpus funds(particular the simplest way is to let the corpus funds of colleges to be managed by students)

Integrating a ERP packages...that track and declare or monitor ...accounting , financial status, assets of the company listed ...hence guaranteeing the reliability of stock markets,

This includes scope for banks ...with equities in floated companies ...as also collection of insurance or as long as the companies are viable in the market

- 94) Promotional offers to share holders on the companies products.

- 95) A electronic dash board(mute...should the case be) in first class metro transport as medium of advertisements, ideally these electronic dash boards behind transparent quality float glass should solve the problem of durability and nature of the placement of these devices.

[
Black and white Dot Matrix boards as used in electronic consumer goods may be used for the purpose
]

Alternatively this can/may be implemented with a Projector (A projector being used to project images received in digital format... with lens and projection in every cab processing done centrally much the way implemented in a aircraft except that due to the nature of the placement a projector may better suit the purpose than a dot-matrix board).

Giant Plasma screen based dash boards implemented much the way TV's work connected over a WLL/suitable radio frequency to control of placement of suitable content based on timing, location and various other factors into consideration.

This may could well be implemented using a projector as described above.

Also provided with sufficient memory ...in most cases these billboards usually come along with a embedded PC ...enabling to record data, and pre program content remotely(ideally could very well make use of said technology being used WIRELESS internet access points also called HOTSPOTS ...giving the above abilitydisplay content selectively based on above set of attributes.

(

It may be noted that plasma screen by their nature ...and scope for vulnerability ...long strips or columns or plasma screen or LCD panels in small units (say ...the size of VDU's that come along with a Desktop computer) ...i.e. multiple LCD units can be attached to or arranged in kind or array or matrix to create a giant plasma screen (a virtual screen created out of multiple VDU's ...say 14" or 15" screens or monitors usually shipped with PC's) ...attached to a computing device (ease of serviceability, flexibility with computing power

)

In the context of the above ... porting the banner command to mobile handsets ...lets using any text as a screen saver (time, favorite title's ...etc)

In the context of a banner command ...porting or modifying the algorithm to be used on Digital dash boards (dot matrix , CRT) ...to be able to manipulate both text and also any ...specific text or input of a image file (sayjpg , .gif , .bmp a bitmap kind of image map) that can be scaled to any specific resolution.

96)A new kind of licensing for self expiring products(software) fixed term, fixed no of users(i.e. the product gets disabled /non-functional after fixed amount of time ...implementation scrambling/deletion etc).

97) Malaria is caused by carrier agent(mosquito) not this can only be possible with some amount of transfusion ...can genetically modified mosquito's be used for infusion of vaccines/...used as a destructive agent.(gene transplanted and biotechnology is a twin edged sword)

98)Composition of some of the planets(within our solar system) suggest that conditions conducive to life forms as supported on earth can be created/simulated ...with the help of a engine as described, if remember correctly this particularly true with heavy water.

99)Integration of a AI based systems (viz. IBM deep blue) can be created to simulate virtual game players and be integrated to online gaming products

100)A new (middle ware)product can be developedwith most MQ(message queuing /message brokers) software'smessages are relayed/played in a sequence(usually) the order in which messages are received....but there are circumstances(viz. clustering software, critical and heterogeneous systems say mainframe to pc communications) where a priority needs to be attached the message hence a message acquire/requires priority than othershence by implementing a object oriented schema as described earlier for queues viz. MSMQ,WEBMETHOD'S MQ Series the dynamics of MESSAGE QUEUING CAN BE changed(by realigning the queue at the gateway)

101)VRML is comparatively cumber some for 3D on a web platform, taking concepts out of VRML and the light weight nature of Flash with its inherent advantages(if not flash emboss effect might give a 3d sense but it doesn't exactly fit into true 3rd realm, flash kind of product with 3d options based plug-in) a highly light weigh 3d platform for web can be developed.

1) is useful highly in developing educational and tutorial kind of materials

a)to begin with most pc users are not comfortable using a keyboard, a keyboarding tutorial.

2) A specific plug-in with PERL / python kind of regular expressions kind of flexibility (there is c++ stuff already available that can be used to integrate), that can be sold on a payment basis...(this is product that can be sold for say a few million dollar per company ...with kind of flexibility that flash gives.)

can be used for high end molecular modeling (pharmaceutical and biotechnological).

In fact the above kind of plug-in with scripting with regular expression can be integrated with Maya as well.

A java class to model a molecule already exists (derived from a pixel),while getting a 3d interface is difficult, it is possible to implement molecular modeling in java based interface as well.

VRML being sequence of frames (in form of tablets) projected on to a screengiving the visual effect of a 3-D to the eye ...should be possible on plasma and dot-matrix screen based devices viz. television sets and VDU attached to computers.

With both plasma and dot-matrix based display board being cell matrices connected by integrated circuits, these cell Matrices being addressable to the graphics adapter, a the visual effect required as in VRML can be achieved given sufficient computing Power is available by the underlying processor's with the plasma screens and Dot-matrix Based display units.

The CSS ... span or layer .tags ...in combination with dpi and resolution can be used for Or making it compatible with VRML to give a 3-D effect on a computer screen ...translated into ...html window size and resolution to fit the content into window size.

scaling of the window and resolution to fit the content in the window ...scaling of window size on a factor of time, window positioning or trajectory as a window travels ...to achieve a true VRML based 3-D or movie effect ...refer else where in the document for scope of developing a scripting interface for a windowing toolkit ...kind of alt+F+N duplication of a window with its cache or translated into low level language ...duplication of a process and renaming the process ...scope for extension of options to a system level fork call.

Refer to a recent 3-D movie about a kind of simulation of a mission to Moon or Mars ... it is about space.

102) Gene mapping databank for all sorts of life forms.

The probability of above permits identification of a gene that process oxygen in life forms.

103) How do you define a variable ??

A simple example illustrate using a tumbler/glass/container that can hold a liquid ... i.e. ...amount/quantity of liquid can varyso are the sizes of the these containers.

Applications physics / math / derivatives / programmingalmost all know science related areas.

The value of this is very particularly one is dealing with high school grade students or those new their non respective fields.

In the programming context when referring to computing languages , one of the ways to tackle memory overflow is always to use a variable larger than the intended value orfor a potentially intended versions or next generation languages ...use a dynamic memory allocation use the variable interpretation based on the context using a struct to define or indicate the variable type ...this should ideally solve all sorts of buffer overflow errors.

This way all that is required ideally for most or all contexts is variable type character or a free-float(memory can be allocated but type need to be specified before data allocation ...this contrary to the type void) data-type...and the standard casting of pointers as used to a specific type, and a standard or mode of evaluation or interpretation of the character string ...for instance for floating point how many bits can be allocated for decimal interpretation and rounding off.

For most or all existing software simplest way to eliminate potential or future possible bugs is, use typedef's , routines for interpretation of data-types and recompile the software (requires few header files that take care of scenarios arising out of the above, most validation the types defined.) ... simply put a function that takes care of memory allocation and variable type as is practiced in c++, and as one is aware c++ gives the freedom to code in c or c++.

Similarly incorporating the above in to the template library should solve the problem,

Another possible way is to handle all input data as stringuse pattern matching and apportion the data in to appropriate variable type after validation, possible only in c++/scripting language(PERL/PYTHON/RUBY).

This should ideally be the case where inputs are given dynamically/through user

interface.

The effort required for fixing the above kind of bugs varies ... based on the language chosen and the product in the context (I had great time working on COBOL, C, C++ and some insight into SIMULA , ADA),

While Cobol with its typesetting and documentation gives out a bug free, easy to read code or scope for description making the code comprehensible to the programmer, but the logical structure and various constructs to implement the language and hence the logic of the code as written in Cobol is clumsy to be grasped by a programmer or those maintaining the code tree

C provides the simple and the easiest means of programming. ...provided one is provided with a few set of Header files/libraries that redefine the default data types as mentioned above.

Additionally ...the major draw back in c is lack of a error handling mechanism ...which can simply be Incorporated (block structured coding already exists in c viz. usage of { }) using the continue block popularly used in the PERL(for error handling/panic in programming context viz. calling a sub within a script/c code ...while a panic at OS requires vacation of the currently executing process ... handling a error handling scenario or routine execution of a sub a regular frequency may not require alarm call) ...contrary to the clumsy throw catch combination usually used in most OOP languages... would be particularly helpful to embedded systems(inclusive of the fact that all embedded systems related code is written in a for ever true loop) /RTOS / alternatively coding all stuff with error handling in PERL and using a conversion tool to c/ executable binary Form.

[

In the programming context it makes logical manner to capture/log all the error's occurring in a execution context to a log-file in addition to display an error message on to the Visual Display Unit

...The above should ideally result into a log-file that is trace of a program run under a debugger captured to a log-file with all the environmental variable and their various contexts captured to the log.

An ideal implementation should initialize a error flag at the beginning of the script or program, and at the end of the program ... should leave the log-file intactbased on error flag statusor can delete the file upon successful completion.

Illustration in the context of Perl:

- a) A extension to the implementation of Data::Dumper ... a flag to perl executable (kind of -x argument) based on which upon inclusion of Data::Dumper all execution state of the script or program is logged to a file ...which can be examined by the programmer or those maintaining the code for in-depth analysis.
- b) The STDERR can be redirected to a log-file at beginning of script/program context. viz. all the die function outputs are captured to a log-file.
- c) Since the die function is always executed on failure of a contextinstead of Using the die function based on the above description it makes sense to Define a errorlog function that takes the message to be logged and the List of file-handle's, ideally the error message to be logged should be sent to Visual Display unit and also to a logfile, that keep's trace of the execution context of the program.

```
#definition of errorlog("error message",\@listofhandle's);  
#based on the context to the flexibility of coder ....lets as many  
# logfiles as required
```

Ideally the 'errorlog' function defined /enclosed in include file should serve the Purpose ...and can be used in lieu of die function.

Hence the 'errorlog' can be function that can be added to the PERL's library of functions.

Note: One may refer to the idea of database trace files For understanding the Contextviz. upon successful execution / completion of a transaction the trace is usually disposed off.

While most error log's gives a log of memory dumptrace of which can usually be located to function ... the above gives a means or mechanism easily interpretable by programmer / coder and get the exact cause of failure / location of the faultwhile shipping the products ...the above mode viz. logging in plain text may at times be clumsy ...the log file itself can be encrypted or encryption can be done while logging itself ...which can be decrypted ...when a log is received for analysis by a company.

]

C++ offer's good OOP style of thinking and implementation for projects ...discounted with some nitti gritties involved with dynamic binding and granting of access to friend functions when delegation of code is involved.

It is also be noted that a char type suits well in the programming context/ for future expansion needs for unique representations like Mac address / a time stamp (it is also to be noted about the fact that a MAC address of network card comes along with time stamped to be noted at the time and place of manufacturing) etc in networking protocols.

[of all the existing programming interfaces ...several languages / interfaces offer specific advantages ...while the advantages offered are minor in few cases , ideally means is to derive out a language (compiled/interpreter based depending on the situation) that gives the flexibility and features to make a programmer comfortable ... as on date the following set of languages all them sharing something in common viz. c, c++, PERL, Python.

C,C++ ...being distinctly favored for speed of execution ...for compiled code can execute faster,

Perl (for regular expressions), Python(for type set and OPP features) being flexible scripting interfaces.

A language that is derived from c, c++, Perl , python offers best of all the features possible (that can be both a interpreter based or compiler based on the context).

]

Bug: It needs to be kept in mind that in c/c++ while evaluating expressions ...the standard as exists in Math viz. BODMASS fails ...hence while framing expressions in math while translating to computing environment ...the standard notation /principles of respective language ought to be adhered to.

Note: While the most of the existing (don't remember the case of Cobol) languages don't give the provision of a power of i.e. ** (a number raised to the power of) operator ...lack of appropriate/inability to understand the scope ...it is possible to implement using a char string and malloc / calloc as a operator in C++ with template library, while this is the case, PERL can be enhance as by introducing the power of operator, as by default all data is stored as string and Math / arithmetic is evaluated based on the context.

It is to be noted that memory to be allocated can be calculated/derived out of viz. no of bits required to be stored ... and the fact that most existing computing models are based on binary computing.

104)As on date with stock exchanges as implemented, with a single DP account, individuals can link it with multiple trading accounts across the set of exchanges, I see a big hole(BUG) out here, now whether this is perceived a bug, a feature or advantage is not quite sure...this is something to be investigated.

Bug that needs to be fixed

Actually when ever there is a market correction happening ideally, the paid-up capital of the listed companies are fixed the share holders holding the shares at end of bull/bear run varies, and hence face values of the shares as well as the no of shares held by the share holders needs to be dynamically recalculated in a digital exchange on a prorata basis.

Justification for this: The part Premium / profit on shares is paid out to share holders selling their stake...in other terms they have made their money.... this is in addition to the provisions for dividend that are that are usually made by the company.

The concept works based on the kind of fixed amount of reserves that exists in the company allocated for the purpose the process lasts as long as there are reserves left, ...works much like the green shoe option.

Infact a DP account which can be classified as a Individual, corporate, mutual funds etc should be a ideal model.

This system of 100% automated system works because all investments / resources (depreciation of assets for most of the industry segments.) of a company can be traced to corporate / current account balances and on any day the value of the security can be calculated in a automated Manner.

Additional modification to benefit Stock Exchanges :

Since stocks represent equityand profits are distributed on the equity held ideally speaking,

The face value of the shares need not be fixed i.e. no fixed denomination need exist , additionally existing partnership firms can be converted in to tradable stocks based on equity ratio of the partners held...except at subscription or public listing.

One of the reasons a firms equity is to represented is in share....and since most of the firms originate from a family lineage or heritage ...with nature of the most business being run being hereditary scenarios)

Ex: A firm floated bya Hindu undivided family viz. a HUF concern,

- a) As the family expandsthe number of equity holders in concern expands , as generations pass division of assets among the family members become a problem,
- b) Similarly when shares held by a member ought to be split among his / her inheritants /as per WILL.

Hence from the above said fixed denomination of the shares can be obviated, since all shares are placed for sale their face value can be displayed, ask price by the member can be put up, the market value of the share can arrived based on a standard unit computed much like the way a index is computed.

An additional modification that may benefit stock markets is unsubscribe rights issue can be after a resolution at

The AGM / approved board meeting be sold through exchange.

Reason (My Presumption):

In a Individual subscribing->Broker Subscribing->Depository (say NSDL/CDSL)

the biggest draw back happens to be that of manual input of No. of Share up for sale by a brokera broker can input more number of shares than he has at his hand as he gains more on brokerage the more the no of shares sold,

he does this basically under the he will be able to cover any shortage by

procuring shares from members/ other know brokers in turn leading not only to price rigging but also an uncertainty in stock exchanges.

Hence it makes sense to eliminate a broker based system.

Note: Traditionally a share transfer agent being a median /custodian of share's for sale, As suchthere can exist unlimited number of RTA's i.e. any authorized company / firm can act as a median for sale of share's based on the board resolution of the company ,

Viz. translated into digital exchangesa company need's to have some one to maintain its list of share's holder'sviz the same can be performed by the MIS division of the company /through AMCa specialized company to service these kind of requirements, sourced out to a company could be same as an exchange... ..and since these servers ought to be located in the premise's of some who run's a stock exchange with premisesproviding an interface for exchange of share's, and hence the result being the share's being listed on any number of exchange's.

And a Depository being an account for share holder's to hold his/her list of share's in a demat account and also an account for the company to track its share holder's on any given day.

One of the things necessary to be remembered is many companiesseem to be using different ticker symbols / names on different exchange's which means they are fooling around with publicand henceought to be careful/ the exchanges have to have norms.

Integrating a ERP packages...that track and declare or monitor ...accounting , financial status, assets of the company listed ...hence guaranteeing the reliability of stock markets,

This includes scope for banks ...with equities in floated companies ...as also collection of insurance or as long as the companies are viable in the market

105) Next Gen routers can take a leaf out of Most modern GPRS mobile phones which can be used a mini router by updating software and mapping a virtual IP into the LAN network(this makes the existing USB interface readily usable), while most of these phones being infrared enabled ,they can be used for wireless LAN(kind of wifi) the strength and the radius to which the signal strength of the phone is available needs to be improved up on...for the routing protocols to be implemented one can either purchase from existing ios vendors or can developed(since this keeps the existing IP address scheme intact, the is hardly an invisible problem as the router /switch takes care of converting the packet format from GPRS to corresponding TCP/IP vice versa.)

Ideal version is to have a embedded/attached dns(major modification being removing the constraint of restricting the dns updates from only those enclosed in primary/secondary dns servers might help) included with the switch/router just like in SANmobile network already mimics the abovethe issue is do we require to scale it down to each company....(if we do proceed then the issue scales down to remodeling the implementation of network security/ intrusion detection)

106) Flash plug-in based web interface for P0P3,IMPA4 clients

107) A air brake is a better option than other brakes for all sorts of vehicles.

Also tarmac's coated with silicon(sand) would be much better bet for formula1 kind of tracks(better friction, works as a source for anti gliding....instances of oil spilling on watered surfaces where surface tension play's a factor can be better controlled)

108) From sand papers /silicon wafers ...similarly silicon coated metal sheets (can be used in industrial body building) ...which can be coated with non ferrous,

non conducting alloys/metals that can be used in industrial coating ..an alternative galvanizing.

- 109) It makes sense to use a mesh(nylon mesh kind of window meshes for preventing mosquito's) to cover loose soil areas (viz. like konkan belt in india) to enable quick vegetative growth, so that grass/plants sprout much easily enabling roots to grow and soil to harden.....useful at places where building tunnels etc.

Also these nylon sheets can be better usedby placing large sheets usually 1/2 to 1 feet below cultivatable surface (usually groundnuts kind of thing), these sheets come in handy at end of the crop when soil/crop needs to be dug out.

Ventilation : In most places ventilation and insects being a issue, windows to Dwelling units can be modified such that part of the window frames can have plug -gable units which could be either made of mesh frames / metallic frames, alternatively mess frames can be super imposed with plug-able metallic /plastic sheets.

- 110) currently in most digital stock exchanges a securities traded cannot be maintained in paper form, it makes sense enable a simultaneous maintenance of digital and paper form of the securities, with the facility such that when the securities are pledged in paper form they can be verified online by the bank and said securities can be blocked from trading(while pledging in digital form is possible), having a paper copy makes sense in a unforeseen eventuality.

An important feature to noted is since most of the middle(broking) depositories can be eliminated, a single class of DP accounts can be maintained which can be designated/classified based on a flag viz. individual, corporate...mutual fund etc.

- 111) when browsing internet some times a scripting error/a component missing error pops up, it would be good to have a debug/explain button/flag in the task/status bar.
- 112) Ideally while writing software related to products for listed exchanges(stock, commodities), the factor of time could ideally be discounted i.e. $x \rightarrow \infty$ [NULL] ..for one can/should ideally presume exchanges are going to be around permanently (for they are the best means of a system that has been implemented to date ...but usually robustness of these exchanges depends on the host country and their governance, transparency etc.)
- 113) Compression makes a cdrom to emulate a DVD rom ...viz. the driver takes care of compressing the data while writing on to disk ...and decompressing the data while retrieving (while this is not the case with most data shipped with DVD as on date except for those coming as bootable / installation of OS based CD's).

While this is the realitythe above concept / idea came into marketwhile I was able to pack some 1GB odd data on a 700mb CDRom while on a contract At FAPCO Kuwait viz. wrote on to disk some compressed data viz. feed from stock marketand some other personal stuff that was compressed on to a CD.

But suitably modifying the driver/giving the option while burning the CD , deriving Out of gzip , compress Or other compression utilities (viz. binary compression ... out of bit pattern)since the usage viz. reading from a DVD requires sufficient of swap(net performance of a DVD drive being dependent)packing the driver as part of OS/utility that is used to burn/write the data makes sense.

The information with reference to utilization/presence of compression or the data being plain can be encoded on the VTABLE viz. usually called the zero track of the CD, alternatively the information can be encoded into the header of file (the fact a file being a address map and the header containing the necessary details and layout of the file), resulting in a variant driver for the CDRom drive.

Note: For those few it also offers the marketing opportunity to pack variable amount Of data on DVD's (viz. those that can host 1gb,2gb,3gb etc by varying the

amount of compressionmuch like the marketing effort/was the case with the drivers that handled CD'S compatible(performance) 1x,2x,3x speeds)

- 114) Dual language enabled OS's (viz. Arabic enabled version of windows is compatible with English i.e. English as an interface)

similarlyfor Indian kind of sub continent where usually there is a mother tongue and English ...it makes sense to market OS's with multiple languages enabled(i.e. say English + mother tongue) so that both type of fonts are viewable i.e. for example vernacular languages+ Englishthis is particularly helpful in situations as illustrated in the instances above...lets view vernacular language based web pages on the OS.

- 112)Cool drinks are a fad and are high calorie stuff, with reference to sweetener, while drawback happens to be that of tooth decay (sweet tooth), the best bet is to learn from a diabetic patient diet (viz. diet prescribed to a patient inflicted with diabetes's / piles /appendicitis)

While there are low calorie so called natural sweeteners in the market which are high cost for commercial consumption.

Market opportunity is in the requirement, that should keep the drink in tact while removing its side effects.

Ideally syrup extractions...consumable in to food and beveragable products from...sucrose(Popularly know as Bee honey.)

Ripe Seethaphal are rich in sugar syrup and starch content, could potentially be exploited for extraction of sucrose or sugar and hence its use's in food derivatives.

- Ex: This can be used as a substitute and a low calorie alternative to sugar, for instance Milk powder + Baking soda + Honey (this dough)fried in cooking oilmakes a sweet dish.

- Note: Honey being a readily absorbable starch form that requires no digestion, is very good alternative that can be used by many a sports person for replenishing energy(sports like football, Hockey, tennis, a bowler in cricketwhere sportsmen /women exhaust huge levels of energy.)

Honey(sucrose being readily absorbable into body)is a good alternative that can be consumed as bread spread / toast spread.

Honey offer immediate energy replenishment to body ...viz. is ideal to consumed by those effected by sun stroke, diarrhea, dysentery, diabetes(those who require their energy levels to be replenished at short intervals to malfunction of digestive system) etc that deplete bodies energy reserves.

- 113) A small piece strip (similar to the one used in wrist bands or watches for flexible radius of ornaments/garmentsa nylon follicle base track and strap) can be used to replace a button/zipper (variable cup size in ornaments to breast, variable waist size / radius)...its ideally a piece strap / a flap commonly found in poly bag containers.

Also the kind of button usually used in luggage suitcases, also fits the above requirements particularly waist/chest, the advantage being there is no way the piece peels off in this case.....this can also be used in footwear for flexibility above toes.

This brings to fore a easy alternative to seal all kinds of pockets in garments.

- Note: The above kind of nylon strip usually found on watch straps (size and length scaled to appropriately) can also be used for banding together telephone, lan , wan cables, Electrical and non electrical cables, cabling in PC peripherals, can be used by ladies to band hair together.
-

- a) One of the obstacles faced in ready made garment industry is that wastage / surplus due to not meeting the waist size requirements.

For instance in trousers, one way to tackle this is to grade the sizes say group the customers with waist 30 -34 cms in to one group.

Leave the back side open, and stitch it at the point of sale, advantages both in terms stopping wastage, waist the way to do it is, leave the drawing for pattern for all the sizes drawn on the garment viz. in the above case 30,31,32,33,34.

Ideally the above could be just left open, but this may impact quality hence the requirement (...one may derive or include a type of stretchable nylon or polymer based cloth ...in the 'W' portion i.e. the portion or cloth joining 'v..v' (ideally in the rear portion ...applicable both male as well as female) as can be found in foot wear ...that gives a few 'cm say 1,2 or max 3' of flexibility ...this portion of cloth or fabric is different from the rest of the garment ...the 'w or v..v' portion of the document should ideally be from lycra as marketed or the fabric from which trousers as manufactured from the brand Provogue would also suffice

contrary to manufacturing the whole garment as manufactured by the brand Provogue ...the above design idea of the garment should ideally keep the outfit or craft of the garment in tact viz. comfort fit or tight fit as usually termed while giving elegance to the garment (the cloth used for rest of the garment is not Stretchable or elastic in nature)

The above kind of apportionment of fabric to achieve the objective can also be done along the length of the columns viz. measurement of the size of the leg from the waist to feet (usually the joint to which portions of the garment next to the front pockets are stitched)

- b) Most Indian urban females use pyjama's, one of the draw backs of a pyjama is that one ought make use of a nada,
- 1) alternative way to use a pyjama is, modify the upper part of the pyjama in the form of trouser ..disadvantage being width not being flexible.
 - 2) use two flaps(same material used in watch... nylon follicle based track) that can be attached to a elastically stretchable nada viz. the above specified kind of button can also be used.
- c) one of other ways is most women in western and northern part of India use, shoulder less(sleeve less) Punjabi suits, a joinable shoulder parts can be used by using the above concept.
- d) using the concept mentioned above i.e. use of a strap(and use nylon follicle based track ..and strap) , an alternative to panties borrowing from babies nappies.
- 1)One of the ways to create flexi garment suiting the waist is a garment that has a ---V--- type in the front with holes that can be bound like that on a shoe with a lace.
- e) One of the means to create trendy designer clothing is to combine lucknow embroidery(form practiced in one of the states in indian ethnic wear) with floral's for modern high end women's fashion wear .
- Threads of Various colors can be used to create creative designs on florals.
- Note: While actual design patterns practiced on lucknow chicken concept is based on borders out of embroidery ...for these to be effective on floral design the knitting or embroidery need to be embossed.
- f) Similarly lace (made of any kind of material, not necessarily cotton) can be used in wedding gowns.
- (ideally ...cotton being the most comfortable material to wear ...using silk

for embroidery ...makes a good option ...and with cotton susceptible to shrinking)

- g) An ornament for adorning (bodice) breasts of a pregnant women,
A wet proof cap (concept can be borrowed from under garments used by women else where) so as not to cause inconvenience, clumsiness to cloths worn while at work or at in a social environment (viz. cause embracement)
- h) A mini skirt that has a inverted V (^) shaped cut on `4' side's of a skirt (placed equilaterally or at equidistance on the rim of the skirt)for flexibility in walking , should suit the purpose of official wear for airhostess, scouts, guide's etc.
- j) For jackets/raincoats that come with covering for head, kind of head scarf, using detachable head scarf that can be attached to the raincoat/jacket with either a zipper(concept just as in jackets and raincoats) or a strap to the collar or separate strip (kind of the collar found on a priest/fathers apron or say kind of the flap on a envelope) behind the collar(one may refer to the the sport wear the flexi Bermuda's ...extendable like a pyjama)

Additionally the strap behind the collar can be modelled on the lines of a flap (kind of press button strap) used for packaging used in most polythene bags used for packing food/eatables.

Note: The end portion of the zippers say [-->] being a zipper withcolumn on which the zipper runs , the [,] portion's being the dead end's on which the zipper can be zipped and unzipped, [,] an be designed such that half of it can be modelled as button which can be buttoned on to a hole on the strip behind the collar.

- k) A sports wear ,flexi track suit (pyjama) ... with the pyjama modified as follows a stretchable portion(one may refer to kind of material/stuff as used in a socks used for foot) for flexibility below the portion what is called as 'pista' ...made out of stretchable elastic and the cloth stitched at the portion 'W' suitably to suit the purpose , the same concept can utilized for under-arms(arm-pit) of shoulder portion, of upper-crest garments.
- l) Water Proof shoes would be a greatoffering in the market, one may find / borrow the concept from polycoated paper ...kind of lamination.

Polycoated shoe upper's with a line that can be pressed into a plastic channel On the shoe sole (much like the press button concept found in poly-bags used For packing foods/articles)...

Poly-coating may help the shoe-upper's from disfigurement as is the case with Leather based articles.

Cloth as used in manufacturing raincoats can be used for jackets used for Winter stockings ...protection from cold.

Additionally shoe sole's can be made of internal hollow chamber with rim, Such that the rim can be stitched to shoe upperand the hollow chamber can be filled with ... washable hollow fibre say Paraxylene (Hollow fibres with high bounce and resilience).

- m) A Backpack ...that can be used for both carrying luggage as well as a sleeping backa kind of extensible baggage (viz. ability to pack variable amount of luggage)one may refer to the concept found in luggage (inflatable and deflate-able compartments based on a zipper, or a kind of socket and plug ...can be extended to all types of luggage)can be used by mountaineer's , those on outing for camping, personnel in defense/other servicesat outposts ...etc.

Note : on a additional note ...one can implement 100% deflate-able and Inflatable zippersviz. abilitydisassociate the handler to zipper Strap from the zipper trackkind of borrowing the concept from

- v) A self or auto winding strap or rope or thread based interface for luggage (travel baggage ...to be specific cabin baggage) ...for pulling or dragging (this is in lieu of a metal frame based interface to handle such luggage)
- w) Enclosing or embedding label for brands or identification of manufacturer to garments ...at appropriate location on the garment such that it does not cause discomfort to the body (for instance locating the label on the strap used for buttoning instead or in lieu of the collar would be a good option)
- x) A special kind of shoe ...shoe upper that can be knitted to shoe sole much like using the shoe lace ...along the circumference or wedges of the shoe sole ..with a cut or closure or ends or rear of the shoe that can knitted much the same way ...a hundred percent washable sole as also flexible and comfortable to wear
- y) a pouch ...that makes use of follicle based strap on 3 sides ... i.e. lid on the enclosure is socket to enclosure or so created container using strap instead of a zipper
- z) From the way holders (Pens, Pads ...etc) are designed in a traveling briefcase or cabin baggage ...the design can be applied or made applicable to wardrobe's, shelves used in office space and in households(decorative as also used for organizing one's personal stuff ...telephone directory,pens, letterheads, visiting cards ...
- aa) A pouch to neck tie (a garment usually made mandatory for those working in blue collar jobs) ...able host a few grams of weight ...with elegance ...without disfiguring the shape (should ideally be able to host a swipe card or magnetic strip based cards, mobile devices , small change)
- ab) Decoravite (shaped, colored, precious metal based) tops that can be used for collars i.e. for the upper crest garments (for example shirts) ...these are to be modeled on the lines of a press button ...while the bottom portion of the press button is sewen permanently to the garment ...tops say made of gold ...say being precious can be stored in a safe
- ac) Blinds (windows, articles, exit or entries) made out of material conducive to static electricity would be a good idea (both keeping the surrounding clean and also being washable)
- ad) A special kind of safe or lockers that can be derived out the design of a safe ...to store tool box and first aid box ...in two wheelers(usually used in the Indian subcontinent)
- This kind can be used to store or deposit stuff in bank lockers ...special kind of safes Or containers in wardrobes etc ...these kind of containers to be made out of special alloy Or fibre to with stand pressure or not easily breakable
-
- ae) The material used for making trousers ... `van hussen` brand ...is suits well for making Jackets (usually used in PR, Hotel Management, Front Office) ...the cloth is also suitable for manufacturing 100% washable handbags , folders viz. ladies...gents
-
- af) A special kind of ornament ...to be worn on the head or decorate hair ... for instance a ruby or other gem stone that can be worn on the fore head while all strings (usually three) originating from the jewel can wound or wrapped into a ring or on to a ring or band that can be worn or bandaged (radius or flexibility or size of the ring can be varied) around the pony tail
-
- ag) A innovative waist belt ...with ideally no buckle ...deriving from the press button present or used in most garments ...all keyholes ...consisting of the aperture of fixation for the press button ...and the press button used appropriately (i.e. located on the strap or belt at appropriate locations ideally one at button of the pyjama or trouserone or two at the fag end of the belt) in lieu of the buckle
- optionally

the design with no buckle belt can also be derived from the straps usually used in shoe or chappal or sandal or wrist watch straps

ah) From the manner in which 3-D holograms are manufacturedrefined very thin flexible mirror can be manufactured (in various shapes and sizes)

Given the scope ...such a mirror that can be affixed in travel baggage (briefcase ...say Cabin suitcase)

ai) using traditional loom woven fabric (cotton fabric) ...design ...expositions may be derived from traditional saree'sthese can be used for as curtains or shields for windows and other upholstery.¹

114) An electro stat(thermostat) that works with a battery(light weight ideally those used with WMD ... the kind of say made lithium or cadmium), that can be used to ignite a engine viz. in lieu of starter plug for vehicle's ...that work much the way a cigarette lighter or the filament in 100+ candle non vapor base electric lamp works.

115)Most goods manufactured today are come in the form easily assemble kits (sub systems),by enclosing a WMD in each sub system...efficiency of the assembly line can improved.

116) A highly sensitive thermo stat(spring that compresses and depresses) that is sensitive to minor atmospheric changes like day and night temperatures, can be used as coil to keep the needle on the dial runningmanufacture a kind of self sustainable watch.

117)A ERP(can be fit in to any of the existing products with minor modifications a free hold list in a database ...ideally integrate-able through a set of tables using parent child relation ships...example can be learned from visual basic collection fields or the context of a hash (with each entity being related to set of tables) ...one that lets key value pairs stuff) kind of system to collect grass route level agricultural produce/market situation.

(similar to a project specs written by me for PGDMISCA)

Note: Ideally this information should be available already with most MNC vendors of seeds...pesticides etc ...for they record have details of point of sale at the retailer ideally ...hence these details could be dug out using OLAP or data-ware housing tools.

118)Hand writing recognition software, similarly scanned documents to text conversion, storing the complete set of scanned pages could pose difficulty, since most scanned hand written material, has a contrasting color to that of the back ground paper, it is possible or should be possible to just store written stuff in to databases (image stuff or some sort properly modified suitable field that can retain the page breaks, return characters etc.).....ability to map hand written stuff to actual physical characters (alphabets) image pattern matching and recognition....pretty difficult to achieve accuracy.

This can be used in counting currency notes, a hand held scanner combined with a seating arrangement system software can be used for large events.

While handling such a module ...color tracing tool (a option or utility can be provided in image manipulation software's such that a algorithm to trace a bit-pattern (binary computing) i.e. a color code (and all subsets of colors derivable i.e. all color codes that fall with in the rage of a principle color), viz. dealing with hand-writing, pen or pencil based sketching, printed matter(scanner stuff) ...nature of concentration of the ink (given the fact ...no... of principle colors available)

The above may also come in handy or can be utilized with reference to camera based Analysis, surgical procedures in Medical equipment like ...endoscopy ...laser based annihilation of tissue (treating tumor or infected or cancerous tissue growth)

119)The zombie process while not consuming any resources make the process table cumbersome, and are clear only after a reboota simple solution is either to introduce a PS kind of utility that suppresses the zombies from process table... modify the implementation of process data structure.

The process table or procmon or task-monitor as the case may be from operating system to system ...to provide a interface or option ...to list descriptors open or being accessed by a process ...the option or a tool with this specific feature accessible to a privileged user

120)On most high end security systems it makes sense to write the proc file system to a back system / CDROM for auditing analysis....at specific intervals.

121)DNS implementations ...i.e. bind databases are better of stored as compressed tar files or in a highly flexible read only optimized database like MySQL.

...as a sorted B-tree ...index implementation ...in a relational database with a indexusing the sum of ascii value of the domain names ...as unique or primary key ...reverse lookup as B-tree or index ...as sum of all decimal numbers ...in each IP address (viz. sum of all numerals in each class ...viz. sum of all numeric's in each byte string consisting of a mac address ...evaluated as integer or short in a low level language) ... refer to 125) ...and a routing tables implemented ideally as as self referential keyas described for work at alghanim.com.kw ...both DNS and routing tables can be fitted into a single table each with provided its a relational database ...with multiple self-referential keys

{ Note:IPV6 ...with ever increasing WMD's ...the schema of evaluation of a 48 bit mach Address ...may be modified suitably ...using a combination of typedefs or constants and struct ...represent a mach address ...with ideal way being ...interpretation from hard coded mach-address ...a low-level ...bit evaluation ...in each class or integer using bit-wise operatorsand number of bits used in each class (kind of evaluation of bits being platform specific ...in lieu of right to left ...left to right) or as a character string... ...with members defined as offshoot or number of bits to be evaluated for each class}

DNS , routing table can also be implemented as perl hash ...with DATA::DUMPER ...dynamically executable perl data dumped into plain text files.

Or

DNS, routing tables AWK manipulatable tables

or

A TREE implemented as linked list in a file-system ...viz. a file with a tree and blocks or chunks or bytes of information on the disk ...with disk-access of data and read time ...with contiguous space being a criteria ...a database ...or a swap suits the purpose [...with many file-system optimization techniques ...with ample swap ...files swapped from a swap to file-system may be handy to implement or incorporate ...memory based algorithms into a file in a file-system...algorithms or data-structures like a tree having multiple branch's of datasets can have a multiple EOF or a similar character designed for the purposewith a file being an entry in i-node table in the file system and its data-map or address map on the disk)

122) one of the anomalies observed in SQL(DML) as described in the most text books and normalization principles is the popular Group By clausewhich ideally is a case for normalization(this might be applicable to BREAK ON clause as well.)

123)A snow scooterette that makes use of surface tension , a parachute used by the driver for safety.

124)Explore the possibility of water surface based transport vehicle (a non combustion based vehicle) that uses 1||2 heavy cylinders of compressed

gas...may be something can be learned out of a filled balloon with its nozzle left open.

- 125) A modified form of B-Tree's (sorted B-tree being the fastest for any search algorithm, cross bred with circular linked list viz. ability to traverse from bottom to top i.e. leaves to root node) offer's fastest means of storing and retrieving dataviz. B-tree being the fastest mean's of searching or traversal from the root node , offer's several advantage's the ability to traverse from leave's to root, while organizing some form's of data.

A B-tree (taking into consideration a non-empty tree viz. consisting of more than one element or node) being or consisting of node's organized into a left sub-tree and right sub-tree, kind of each unit consisting of a triangle viz. 3 - nodes.

A B-tree resulting out of such an organization of units, in which the root node and 'the node' at the every intersection of such unit's, is such that the element in the left sub-tree is less than root node or 'the node' and the element in the right sub-tree is greater than the root node or 'the node'.

This specific tree offers the fastest means of organized data viz. doesn't Require re-organization of data while inserting data into the B-Tree, and Hence a readily sorted tree at any given point of time or state, for any specific searching algorithm than can be implemented using the above concept viz. on any given instance 50% of the element's in contention are eliminated.

The Binary Search Tree

"B-tree resulting from an organization of node's, given any specific node is greater than the sum of all the elements or nodes in left sub-tree, and the node is less than the sum of all the elements in right sub-tree".

- 126) ISAPI/com dll/shared libraries based load balancing agent on windows/other OS'es for web servers ...on the lines of a DNS server ..with traffic analysis.
- 127) All binaries/utilities/software are shipped in a packaged form specific to their respective platformcreation a tool/tools that generate binaries specific to the individual platforms (also can be called a build release) based on a XML DTD specification (sources...compilers...their locations etc ...this much better interface than the existing macro language interface being used.

Most compilation error/failures because of evaluating multivalued pairs (expansion of macros)

All macro files are best organized as a XML ...DTD...DOM documents.

i.e. sources for make, providers (any sort of frame work for a management interface viz. MMC, Database Providers, Providers for arrays) etc.

Note: Till now to the best of my knowledge there only exists middle ware relaying communications to Non PC compatible platforms (viz. mainframe/AS400 ..etc)

Infact a providers with management interfaces could be developed for (Mainframes, AS400).

- 128) Those sticking to VB based interfaces to databases (specifically grids) are requested to make note of the lost focus event ...that isn't an appropriate event to trap and used to validations.
- 129) All server side applications (viz. ...a servlet) and a client side application applet (viz. a java applet, flash applet, .ocx apps) are best optimized using XML RSS ...best example any online news papers currently existing in the market....with plug-able applets downloading content from a single/multiple source providersanother example ...desktop cricket score card.

- 130) Enable a option on messengers to let the users save their chat content to be saved on server side for a premium(similar to the feature of offline message storage, which as on date is on the client side.
- 131) A compressor based coolants can be used in most vehicles in lieu of a radiator that uses water.
- 132) A night vision lens (that uses UV spectrum) can be used in camera's for dark light photography.....similarlywind shield of this type can improve car / vehicle(helmets) driving, also UV glass based binoculars would be a great hit.
- 133) All antibiotics powderstaken in a capsule and in a granulated form are more effective than those existing in tablet form (ex...erythromycin as distributed by American remedies)
- 134) A biodegradable non slippery door mats...slight modification to existing coir door mats (coir door mats laced on the top with cotton lace)...are both washable and classy.
- 135) Processed cotton and neem seed oils can be used as high quality industrial lubricants.

Viscosity of all forms of crude oil can be observed by heating the crude to a point, and observing the amount of scum/crude left.

Safest form of measuring the viscosity of liquid fuels / crude can be derived from the kind of heaters being used in mosquito liquid vaporizers being used in india.

Neem Oil can be used as a repellent for lice by applying the oil to Hair.

- 136) Exploit the Opportunity for flavored Cream crusted wafers wrapped in chocolates wafers.

 Similarly retailing what are termed as pootha raykulu ...in branded forms a good market opportunity

Retailing 'flavored milk' in powder form (sugar additive ...optionally)
 viz. milk powder + flavor

(can be used as soft/hot drink, derivatives used in ice-cream, preparation can be used in preparation of delicacies and dishes viz. bakery items bread/cake etc).

Recipe for Baby food

Flour extracts from dry fruits (viz. badam, pista , puffed rice or pop corn)

+ dried grape's + Milk Powder + starch extracts from sweet potato

+ cardamom / elaichi

+ [

extracts from aamla or other citrus fruit or other vegetable extracts ideally edible and compatible that work as digestive agents

note: vinegar also works as digestive agent

]

 Sugar Jelly or marmalade or Jams extracts (Mango, apricot ...etc) from pulps of fruits, pulp from some fruits (acacia ...date ,palmay fruit) species can be used for fillings among cookies or wafers as described above.

A jelly ...can be derived from the pulp of peach fruit ...a kind of marmalade

A Marmalade out of orange (applicable to other fruits) ...uncrushed pulp ...tiny areole kind of baggage's that hoist citrus liquid ...the areole from citrus fruit used in marmalade preparation

some citrous fruits(aamla ...may be tried with lemon, orange...etc)...sliced and mixed along with common salt ...and stored in honey (sucrose) offers a marmalade kind of offering

Olive's may also be stored in the above form viz. salted and stored in honey

Dry fruits ...roasted (cashew, badam, pista, acrota ...etc) ...wrapped in sugar coated chocolate wrappings

Roasted dry fruits along with honey ... filled in a chocolate encasing ... also packable in material made out same as cone's (starch power ... mida) used in ice-cream wrappings

Packing fat (milk derivate ...salted) ...crusted or filled in chocolate cubes or wrappings Retail-able as toffee ... makes variety offering

Dry-fruits (flakes or shaff) ... sprinkled or mixed along with jam's , jelly's(mango), marmalade's etc ...offer's a variety ...and also nutritiously rich offering

Fried or roasted Bread (roasted bread crumbs ...a probable Iranian food usually consumed along with tea or milk) can be wrapped in chocolate , milk derivate ...much like wafers and be retailed (retailing them in units of few square centimeters would be a good idea)

Doughnutscan be served ...with flavored cream (badam, pista, butter scotch, cardamom or elaichi ...) ...as many flavors ...as one may find ...jams

Fried chicken ...can be peppered ...with flavored ...masalae (refer to a variety of flavors in which ...potato chips are retailed)

Flavored pedda ... kovva ...and gulab jamun ...barfee... may be explored

Liquid syrup fruit extracts packed in chocolate cubes or shell or containers makes good retail-able commodity

Retailing flavored mint would be a viable option (for instance instead of being sweetened ...making it slightly spicy ...for instance pepper or other extracts to make it slightly hot

kareyla a vegetable found or used in kitchen widely in Indian subcontinent ...after being sliced or sufficient gashes in vegetable stuffed with salt or soaked salt ...after extracting or removing the oozed juice ...usually sour in taste ...can be used for preparation of a delicacy i.e. a pickle ...rape seed powder, red chilly powder (since salt has been used amply the quantum may be varied or added appropriately as per the requirement)

similarly such a vegetable post soaking in salt and removal of sour juice ...stuffed with with what is termed in local dialect (karappodi ...coriander powder, red chilly or pepper powder) and sprinkled with lemon juice offers ...a delicious appetizer

Pheni (a food delicacy) a kind of noodles(non salted) ...available in various diameter usually consumed along with milk in slightly sweetened form can be retailed packaged form ...these noodles powder coated with sugar

It may also be noted that paapidi (kind of sweet pan cakes) ...a kind of pheni ...i.e. paapidi cakes in less sweetened form can be retailed to be consumed along with specified quantity milk

Starch extracts from sweet potato (ground based root vegetable)...flour from this utilized to make above kind of noodles consumable along with milk should be a good retail -able commodity for calorie conscious , should ideally serve as natural sweetener

Retailing milk derivative sweet ...a parboiled with sugar ...that results ...in solid ...that can be Retailed in branded form solid in chilled or refrigerator.

Retailing milk derivative sweet ...a parboiled with sugar + starch additives (ideally extracted from sweet potato) ...that results ...in solid ...that can be retailed in branded form solid in chilled or refrigerator.

Cream (sugar derivate) used to crusted between biscuit , wafers , rolls(bread or cake) ...offers a good variety to be served in flavored form.

Flavored cream ...sweetened lime or sweetened citrous fruit flavored cream would be good innovation ...that can be used decorative cakes, to crusted between biscuit , wafers , rolls(bread or cake)

...makes all of the above to be Marketed as packaged branded offerings.

- 137) Exploit the Opportunity honey and nuts (dry fruits) wrapped over by flavored chocolates cream Flavored wrapping.

Similarly flavored sweetened/spiced (peppered/garlic (juice extract)/ginger) break fast cream a derivate of fat (sourced from milk/other sources), gives a choice in the market while there are pickles around in the market but above is a variant essentially takes advantage of cheese / butter and other fat derivatives .

Ginger sauce in sweetened form ...would be a palatable offering to be consumed along fried Potato steaks, sandwich preparation, salad dressings

similarly tomato paste spruced with ginger extracts ...with sufficient salt...can be packaged to make a good offering usable along with burgers, sandwiches ...etc

It may be noted that oil can extracted from dry fruits (badam, pista, acrota ...) while oil can be used for various purposes ...the pulp can be used in sweet-meats (chocolates ...dressings of salads ...etc)

Salads from fresh fruits and vegetables wrapped in rice, maize, jowar based roti makes good palatable and nutritious food

chutney's (pudina, curry leaves) or sauce with spice (pepper) or chilli mixed with salads makes the above a delicious offering

Sausages ...that makes use of pepper instead of green chilly

Tomato juice offers a cheap and viable means of harvesting wine or spirit

Tomato jam offers a decent variety ...to retailed on supermarket or food chain restaurants

To be Marketed as packaged branded offerings.

- 138) GPRS manned railway gates are a safe option for manning railway crossing lines.

- 139) An add-on / modified form of a kind of electron shavers can be used a Boot polishing Brush.
-

A kind of pluggable attachments to a razor ...that can be used to trim nails ...picking up from a nail cutter ...a wheel whose surface is coarse ...that can be used to chisel off or trim nails, beads in foot etc.

The pin head of a mechanized screw driver ...suitably modified for the above purpose ...also serve's the purpose well.

- 140) Carbon black (a form of charcoal) can be used as industrial paint .

- 141) Traditional wine manufacturing is a lengthy process , by adding yeast to most verities of fruit juices, wine manufacturing processes can shortened.

Note: Also Fruit juices can carbonated and sold bottled.

142) Packaged fruit squash (milk +candy sugar + fruit pulp) would be big market in India.

Note: not the ones as available currently in market(most of them are from concentrates).

Flavored non alcoholic beer would be great hit.

Zenseng root based beer or its derivate based drink ...offers good opportunity to be marketed in Indian sub-continent

Note: Similar to orange/citrus family, many fruit juices can be marketed as concentratesthese are different from citrate.

These would make good market for commodities viz. grape juice ...that can be used for wine preparation, lime concentrate.

Concentrate are compressed frozen form available of these raw extracts.

Flavored Butter Milkmakes a good offering to be retailed (called lassi, falooda etc) in packaged form (green chilies added to butter milk makes a good offering in ready to serve restaurants)

Properly packed in a vacuum tight containers these can be marketed even in a canned form i.e. in proper storage form these can be converted from perishable to non perishable commodities.

Kiwi fruit juice served slightly salted in packaged form

Non Alcoholic beverages ...termed ... usually in Night clubs or Pubs makes good opportunity to be retailed through fast food restaurants ...summer and hotter climatic regions

143) Most protocol complaint applications can be custom compiled for security concerns (i.e. make non complaint to the standards) and adhere to proprietary interface
ex: LDAP , TCP/IP, operating systems.

usages: any organization.

specific example TCP/IP :a few layers can be introduced in the stack (which enables communication as usuali.e. routing of packets to source and destiny)which gives ample scope for the end applications to encode enough security in their applicationswhile traveling on public networks ...a kind of VPN.....viz. a kind of unity in diversity.

144) Create a super computer that (makes use of a decision tree) ...that ideally should enable it stem/neutralize any foreign piece of code that can disrupt the computer from functioning....(ideally should be possible from knowledge of existing security tools and definitions of virus)...i.e. a piece of code part of the operating system capable of taking decisions to stop/start services/enable/disable protocols(TCP/IP ...operated services) ...similarly restore the parts/pieces of OS that might be maligned (restore the OS with out reboots etc)...i.e. protect the OS and its services with out bothering about other stuff(could be files or any other pieces of software) residing on the system.

ex: ideally should emulate a life form (something of the form called antigens in blood stream)

145) work on the concept of a BOT (...web search engine's agent...a kind of virus) to clean any infected systems afflicted with virus.

Any virus inflicted to a system can be nullified by another virus of potent (reverse engineer) similar kind

ex: applicable to all sorts of scripting stuff

146)

- a) G8 nations are the safest bonds investment market that can be marketed in middle east.

Bond Market instruments can be introduced into the market such that, they give or be redeemed in the market on any given day based on the cost of living index, in addition to returns computed based on fixed/compound interest, for instance, instruments that compound based on the number of years the instrument has been dormant and taking cost of living index into account.

The above can also be applied or extended to what is termed bankers discount on Hundi instruments or Bill of exchange

Note: While it is to be noted of the fact that honoring of all such instruments depends Solely on the existence of entity issuing the instrument (Entity its fundamentals, nature of business , reputation, charter of the incorporation and those enforcing the NORMS , alternative means of recourse)

- b) Dumping is the best bet for survival in the market for firms that have achieved a break even point in their businesses.

147) Rivers can be made perennial using desalination plants, ex on the western Ghat's particularly sahayadri hills(India)are at places less than 50 -60 km away from sea coast ...by introducing desalination plants closer to catchments areas , these rivers can be made perennialthus enabling round the year power generation as well in thermal plants ... NILE also offers good opportunity for such experiment with vast tracts or expanse of sand and sea in the vicinity

By using wind powered ...water lifting ...and locating salt manufacturing units appropriately ...to fit into the above design ...may sound or would be a good idea ...viz. sea water filterable by ...a few layers of sand (the above also gives the ability to control quantum or regulate flow such water)

148)Alkaline batteries are safer (Not safer because alkaline batteries can explode when thrown in fire)....easily bio-degradable

Deriving from as mentioned 64, the above can be charged for consumption.

Usages as a backup in all industrial segmentsadditionally these being Environmentally safe.

149)A centralized public announcement system that can be operated via satellite (example traffic regulation/public announcement system)....and those that can be enabled to be used locally on being released from the central control room.

option: It can be integrated with a high resolution camera + a wind speed measuring machine

150) A scratch proof CD/DVD offer best opportunity in the market.

151) A transparent (say made out of float glass) PC cabinet would be a hit. similarly caskets made of float glass would also be a great market. These could also be made vacuum packed ,probably by using rubber caskets as used in a pressure cooker.

usage: services, morgues ...and those faiths that subscribe to burial. Float glass can also be used to make modular cubes in a office environment.

152) A variable height cot would be a great hit among couples.

153) compressed dry ice capsules are best bet to tame fire arising out of gas leaks,(while nitrogen can also be used) where human intervention / presence of a human is difficult .this operates better as a cloud /fog gets created arresting oxygen supplies, hence arresting combustion.

Capsules made of graphite could be a suitable option for the above.

154) Way to the world local news pager:

Currently most newspapers use offset printing(that require type setting).

(the technology currently used on poly vinyl sheets can be used specifically can be used for news papers)(helpful particularly for the vernacular languages).

This enables distribution of the up to date , same day edition across the world on the same day.

155)A word(a byte) is usually the standard used for representing character set (for instance ANSI) in most computing platforms.

when developing custom compiled OS's, A character set can be devised / modified to apply to suit several purposes

for instance

The English char set has a upper and lower cases encoded ...by suitably modifying it most of the Indian vernacular languages can be encoded in the same word/byte thus enabling avoiding wide char sets.

usages : voice enabled micro devices / language related applications in micro devices.

given enough memory in a device it should possible to re-architect the character set in word byte interpretation based on few inputs to suit geo / context of applicationi.e. while standardizing a few characters ...enough scope can be left to incorporating non English based character sets optionally.

Note: the above is useful in re architecting the existing computing process and comes in handy by suitably modifying the way compilers work.

one word byte can be used to take into account a few preferences, while the actual char set used to build the OS is built based on inputs taken at the installation(Run) time.

(When designing a keyboard ...instead of the popular 8-pin keyboard used ...based on how wireless keyboards function or a telegraph functionsa source of DC, a circuit board ...based on the key-press ...the code transmitted to the CPU should suffice ...hence a keyboard ideally can be modelled based how a telephone jack works ..with difference here it draws the source of input DC from the CPU)

In tcp/ip communications or telegraphic communications ...much like a header describing the content ...a char-set encoding or NLS ...specified over a bit-stream ...the same key code ...can be interpreted differently i.e. a character belonging various `char set` or language encoding

156) A oral chelating pills(heavy metals and calcium) that do the process in a gradual manner than those that are intravenous , that might be harmful due to direct injection to blood stream directly.....the same applies to agents used to clean clogged veins/arteries..

157)A PC/ PDA based game ideally a square(consisting of small squares) ...select a any picture at random into the game, split and reorganize, similarly applicable to alphabets, also a there are several games that are around with a virtual player enabling a independent player to play in offline mode.

similarly the popular Indian game of snakes and ladder can be redesigned with a random number/ can be made interactive and simulating by allowing the participants to specify a number based on situation...making it a mind game rather than based on the rolling of dice (similar to those used in scrabble ...instance creation of the word gives max points)...in the above game specifying a number should change position of a player

- 158) A cheaper alternative for the muscular pain reliever is use the cheaper mesh based heater's (The kind found in a toast maker one will find types of these sorts at 5 to 15 bucks priced in India usually used for heating water) encased in sand wrapped cloth bags.

A current shock based (minor voltage ...muscle pain reliever for house hold use ...this may be enclosed along with muscle massager ...usage of static electricity in appropriate dosage may be explored for the purpose

A massager ...that comes with a embedded liquid dispenser (oil) ...refer to ayurvedic treatments and various other traditional form of treatments that prescribed body massaging with application of oil ...a innovative tool derived from several body massagers currently available in market ...whose design can be enhanced to include scope for liquid dispense (ideal way would be to use bottled oil which uses air pressure ...refer to several perfume or deodorant dispensers ..currently available of the shelf in most retail outlets)...additionally one may pick up few design attributes of the portable CO2 dispenser for making soda in house holds

- 159) while DD's are yet to be replaced in banking parlance issuance and cancellation is a cumber some process, these can be automated by issuance through ATM'swhere security is guaranteed by Holograms, ATM code and convenience of purchase through a ATM/debit card/credit card....denomination decided at the point of time.

- 160) Strategy for voice enabled OS

while there aren't any voice enabled OS in the market around the following strategy should work with voice recognition software reaching a fair degree of authenticity after initial authentication to the OS most of the existing OS's in the market can be voice based manipulated by using a fixed command set that are voice recognized like the one's used in interactive voice response system.

a simple illustration would be to use to say for example

use the old DOS set of commands to manipulate the OS

by enabling these set of commands as voice enable(IVR enabled to put it in plain words ...simply put add a IVR enabled component to the OS + some voice manipulation to an extent)

The above should give a fair degree of manipulation to the OS to call it self a voice enable OS.

Change the landscape of IVR systems ...porting them to embedded ...software's ...making use of voice based input ...for triggering events in IVR

case scenario

Interactive utilities ...for instance a TV ...with sufficient processing and memory power

ability to use the 'alphabet' as a command ...giving a direct scope for 26 such commands

ability to use the numerals as commands ...giving a direct scope for (0-9) 10 such commands

Hence giving scope for usable individual alphanumeric ...pronounced individually ...interpreted as combination (time delay ...few milli , micro seconds ...with available various attributes ...that can be suppressed ...to arrive at a standard interpretable protocol)

Innovative ...kind of IVR solutions ... integratable into FAX or EPABX,

much like the way one is able to retrieve ...stored voice mail on one's extension in board EPABX ...

innovative option ...to store or record ...standard accessible numbers from the kind of address book (list of all the extension) ...in specific administration or other kind of stuff ...and retrieve it using a standard, menu option

Also ...enable kind of simple regular expressions ...for instance ...standard unix [alphabets] ...i.e. retrieve ...those matching kind

Note: Given the above scope ...it is a extension ...or a standard kind of protocol ...to able access such predefined lists or for a end user to define his own list (just listen a pre-recorded voice mail)

- 161) Most goods sold in the market come along with a technical manual for assistance and guidance.....now is the time to give a face lift to these efforts.....all the help instructions can now be bundled in a small IVR based application along with the device(now that the price of memory module's are at their lowest)simplest illustration is a mobile device ...where one want's to change language setting or personalize one either needs to toggle around or refer to the manual

easiest way to do away with this is IVR based help that works in the back ground (which gives the instructions) and letting the users manipulate the device with the help of voice over.....this is easy to incorporate with a simple help button or an option....this is ideally best incorporated with a WIFI head set that can dynamically plug in to any device currently being used by the user.

Note: As on date most IVR based tutorials are available only on a PC and that also most do not come in the mode do it while to listen mode.

ex: Windows XP help tour or guide.

- 162) Most Operating system's kernel's and they what they interact with device drivers can be revamped by using the basic tenets as described in the xml rpc communication (the emphasis is not on remote procedure call , rather it is the idea to use xml as means for communication in marshalling data), xml rpc has been mention just to give an illustration and also infact using xml rpc enables using of device drivers on remote server much like the way used in dcom, but/ the interface defined in a much simpler manner.

Also this helps versioning of interfaces much easier.

- 163) Automated Sorting : Industries where there is a requirement are FMCG, postal, banking sectors.

Problem definition: Printing / scanning a particular code/number ...that needs to searched over a area

Proposed solution: Most of them should be familiar with cheque's DD's and they are specially identified by code printed in magnetic ink.

To solve the problem of the printer/scanner i.e. the area on which the specific code ought to be printed/ scannedIdeal bet is to Mark that particular area(/ the periphery of the area)with magnetic ink(magnetic paper) and print over it (i.e. on the specific area) (to further elaborate most of them must be familiar with scratch and win coupons) i.e. to print over the embossed area of magnetic ink (ideally using a universal standard and unique font for the purpose)

since now the specific area i.e. to be scanned/printed upon can be automatedly located
.....one needs to use special font/a different colored print to print say much like the bar
codewhich can be readily scanned.

Simply put a sensor that can sense magnetic ink marked on paper + a DSP image sensor
fits into the above job

applications: sorting of postal envelopes, banking stuff like cheque's , DD's, goods in FMCG.

Also most of the time the requirement is to print numbers like in a pin code, to deal with the
situation, much like the mini devices used at our desks to print date , device to print numbers
with special ink can be introduced.

Most outstation check's can be cleared as normal local check's , given the fact that most of
the Banks and inter branch's are these day's connected by high speed data networks, to
make these possible additionally ...a device that scan's all banking instruments and store's them
on a centrally accessible high end storage deviceonly accessible to staff on a
read-only mode.

This should make possible the clearance of above transactions ...the above device should
also come in handy with respect to rail/air ways where ...refund / cancellation's are being
handled.

Note: The above scanner's being used are unlike to the normal scanner's being used for
document manipulation etc in DTP works , here in this scenariothere is no scope
for a individual to edit the scanned document's on contrary, the scanner after scanning
the document profiles the scanned document in to a high end storage device.

The scanned document is...manually catalogued ...for future reference as the case
may be.

The advantage being unlike in the earlier day's the instrument is not required to be
sent across to the branch/clearing house in a different citywhile it make's a digital
copy of the document accessible to the counterpart instantaneously.

Making routine paper work ...on MICR reader or scanner recognizable enabled ...makes ...the
transactions not only accountable but also ...easier and simple process ...address change
...acknowledgement of the transactions(date time stamped by the machine) checks deposited
...can be done through ATM's ...Integrate-able ATM software's

Most MICR checks issued can be fed to a central or a shared repository ...whose database can
be accessed by ATM and checks cleared via ATM's ...signature verification of issuing individual
or a bank official in case of high value checks can also be verified (payable at par or collection
of amount ...limitable to the value of transactions via ATM's or cash availability via ATM's

ATM software can be customized to vend ...Destination Querying ...travel tickets ... including
refunds ...railroad ,air travel ,road based means

...similarly a ATM software can be integrated with CNG , Petrol vending units or machines ...based
on the location utility can be customized ...to automated vending ...bill or token generation

164) Providing a SQL interface to LOG files to the OS run time error log's(free text search
query using like operator would be particularly useful) and installation, patch logs
would a good idea, ideally integrating SQL engine to the kernel as an add on
component would be nice to have, MySQL kind of database engine would ideal as
it is light weight and efficient enough catering to both LDAP and SQL needs.

Note: This not to replace the plain old text files based logs , but is to provide a
emulator on these logs that much works over the SQL query , to reduce the
complexity of using the tools like SED, AWK.

Eg: The windows based servers come equipped with index server as a built in add-on
optional componentthe logs can be exported to text files and indexed under a
catalogue.

This will be highly valuable for security auditingas alsolooking for a specific / particular event for the expert sysadmin in case of a system crash rather than looking sequentially through the maize of logs.

As on date to implement the above one needs to manually setup the things and import the logs this can be automated using scripting.

For UNIX based flavor a c based interface/emulator can be created while awk/sed/PERL does the back ground work.

Additionally dedicating a Optical disk drive to take a backup of these logs and all modified files on to a Optical help retain a copy of old files a systematic log Help reply of these log files to restore the system to a specific point in timemuch like the SQLserver / exchange ...infact using the same should ideally help the above objective.....Note from this , it can also be used a product.

Hence packaging it as a proper Add On module to kernel Helps.

One the means of implementing a simple site search engine is using a dynamically loadable mod_PERL / any suitable binary that scans for the keywords / phrases submitted and reverts back with the URL of pagewhile this may work for a single site as such this doesn't work for a large search engine in general a bot that does the above job and builds a catalogue based on the keywords is best bet.

Above displays the an agreed number of URL's based on the request set by the user in the searchand PERL URL's obtained based on its regexp.

165) Adding / Proposing enhancements to existing DNS mechanism.

by clubbing / adding the functionality of a address book ...to the MX record kind of functionality

Identity Management from the point of Accessibility

The Concept of Internet Based Address Book Has been a failure.

Adding value to the

DNS + mail server + LDAP + mini digital Exchange = Address resolution server.

The Digital World Every Entity has a identity

i.e. is a identity@domainname.com

so is the case for user groups i.e. usergroup@domainname.com

For most people / purposes remembering numbers is difficult

hence the concept of address books came into placebut the

problem with these is one has to constantly look up these and

also have to constantly update these.

solution is dynamic resolution and updation to the above.

In the digital world the following are the most common

An entity has the following -----> Contact Number(s) [mobile/land line]

-----> Fax Number(s)

-----> identity@domainname.com

Permanent solution is identity@domainname.com

as it is not only unique by naturemost often it is permanent.

Hence clubbing the other information of an entity to identity@domainname.com makes sense ...i.e. contact /fax numbers etc.

The Point is identity@domainname.com can be used as a permanent solution to the problems of having to maintain a address book.the kind usually found on a mail server .

How.....

Solution.....

For instance one sends a message to someone@somedomain.com

usually there is a hidden information called header that goes along with message identifying it self as email.

.....Hence the answer lies in the Message Type i.e.

for instance to send a fax to a personinstead of locating the fax number and faxing

one sends a message to some@somedomain.com and identifying the message type as fax.

In the Exchange / on the internet howthe fax number is resolved at address resolution server

.....lets say the message server where the user holds his email address.

.....so is the case for calling a specific person.....

instead of dialing a phone numberidentity the person as someone@somedomain.com

and make phone call.....when the person doesn't know that persons phone number.....

.....i.e. the phone number of the person in question is resolved dynamically.

Part of the answer lies in VOIPbut the concept can be extended to PSTN lines as well.

Given the nature of the above ...unique telephone number or id can be generated by using ASCII values of all the alpha-numeric and other characters present in a user-id ...also refer To the context of generating or optimizedly using a index in the context a database

Note: given the context ...the above should be possible ...with reference any mobile device ...while the abridging the above on a larger scale to internet may be cumbersome viz. uniqueness across the internet ...at-least unique ness within in a domain sub Tree (refer to virtual hosting or geo-graphical sub domains on a main sub-domain Spread across geo-graphical regions ...for instance refer yahoo as an example) ...given both the nature of internet and IP based services (given the nature of service

Bridging between calls within a sub-domain ...and also routing them to other what are or may be referred as PSTN calls

the above also offers flexibility with reference to franchising of such a service

For more information ...integration of DNS and IP telephony ...refer to the concept as described or illustrated or referred else where in the document)

Problem addressed from the point of the identity and a user.

Updation of these address books can be easily tackled by using either SMS/Email(XML DTD formatted messages) for updation. security to the above is provided by public...private key concept.

With most devices being intelligible and GPRS enabled the address book updation of the identity is resolved just by adding the identity's identity into the address book.

i.e. someone@somedomain.com.

Note: Privacy i.e. some users may not like to share / make their information available / accessible to every one.....here comes the Public key handy.

The public key part can be used to the above purpose.

so restriction to information can be done optionally only on providing the public key /token.

Making the data reliable.

Updation of the data is done by the identity on PKS concept.

since most users have either a contact number with some provider / a identity@domainname.com maintaining the above is easy.

Once the information is downloaded on to the clients machine, i.e. contact, numbers/fax no's are resolved the functional is as usual and is fast and easy.

....part answer lies in using a embedded cache dns.

The client device when querying the dns server identifies the query type as address book resolution/updation ...new features to be added.

Advantage: This works partially even for people who are not using VOIP devices, as address books can be maintained i.e. updated over the internet.

Only Hitch: Bringing existing scheme of PSTN devices in to the above draft is comparatively difficult.

But the invincible answer to the above problem for PSTN devices

voilasolution lies in a interactive voice enabled application the server side / the provider of the PSTN service.

Note: the idea is next time a user sign's up with a provider he signs up as an

someone@somedomain.xxx or obtains an identity of the form someone@somedomain.xxx ...in addition to his usual mobile/phone number.

One server in each ISP/telecom circle/domain should suffice.

The above is very much like mail server with a address book and clients who can download the addresses books and use.....but expanded to create dynamic updates and accessible over multiple domains in a legible manner.

In the context of above ...internet namespace (protocol or command //web url or DNS i.e. email and webspace) or can also get propagated ...in sync with lotus notes based domain space ...to be in sync with copyrights , patents and product specific nomenclature , validations etc

Protocol ://com/ibm/consulting

Protocol ://net/ibm/redbooks/lotusnotes

Protocol ://biz/ibm/redbooks/websphere

This would also be in sync with ...the concept of web as filesystem ...accessibility of space on a file-system with different interfaces (optionally optimized for specific usages sql , file storage etc)

The above includes ...scope or protocol with interfaces(rsh or gui based interfaces) for remote host or network management (porting rsh , other network management utilities as pluggin or extensible components)

166) The most common problem with VOIP and fax over internet is that they are dependent on private gatewaysand most of them are not sustainable because of quantum of users and also users dependent on numbers provided by the VOIP provideras also no availability / restriction of services in few countries.

The solution lies in putting put independent infrastructure for routing of IP traffic to PSTN and mobile networks.....and letting the brands market.

With reliable IP bandwidth quality of VOIP is as good as calls on PSTN , mobile network.

Better solution for VOIP is use the domain name i.e. someone@somedomain.com and designate it as a voice call (IP header type as voice call)query if the user is active ...other wise simply display call not supported.

This way calling cards can be marketed that can be used for VOIP/fax on IP, with payments that can be made on the internet with a credit card, I guess one can make a call any time ... I guess this would have a patent infringement from Dailpad / EFAX.

but as defined schema in 165I guess the above is circumventedmore over as the schema defined in 165 the call being differentiated as either as is phone (PSTN / mobile) or a voice callwhen placing a call from the caller's device.

This way the other way around that is call from PSTN / mobile devices to a person logged over internet is also possible.....with a IVR system at service providers location.

167) With increased memories on the mobile phonesnext generation mobiles now can receive faxes, one doesn't have to miss out the

important contract copy or a trade instrument it could be a bill of lading, it could be a shipment confirmation from your counter part. ...there isn't a single device in the market with these capabilitieseven if a \$10 surcharge is charge per device the market for these devices stands to be at a whopping 10 million devices a year,

by the way one would love to receive a faxed copy of any employment offer than a email letter confirming an offer of employment , call letter for an interview what notand what more there is no scope for a hoax,who wouldn't love to carry a roaming EPBAX on their mobile (should be possible with dot matrix screens being available)

With mobile's being infrared enabledfax's can be transmitted to a PC / printer for a hard copy.

168) Improving the quality of a web based services.

Auto submission standards improved: viola who it works it could be a resume / an application of bid for contract.....

at the time of registration /activation period i.e. the period for which keep you Bio-Data active, the Bio-Data in question is auto submitted to employer for any openings that arise during the period , you needn't go submit for a specific job every timeit is auto submitted to the employer just the way you send an email to the employer.

This is unlike to the what most jobsites practice i.e. featuring ...showing up of your Bio-Data in the search results of the employer.....this is unlike to the resume forwarding service as practiced....or the job opening forwarding service as practiced.

Note: the search criteria is defined to the point and it is fee based option.
just works the way you had actually sent your Bio-Data for the job posting.

That means a individual's detailed Bio-Data / an application for a bid/contract is in potential entity/ organizationconcerned authorities inboxjust the way an individual had sent across an email /correspondence to the entity/organization/concern ...and using the emailed provided by the individualthat means the service works for anyone subscribing 24x7, while one takes care of your daily chores.....and what more an optional alert service on messenger / mobile device confirming the same!.

the concept can be extended to an web service that requires an application to be submitted by the user/consumer.

An additional feature optionally being once a Bio-Data/bid is forwarded to the employer, it is ensured that it is matched to all matching openings by the employer at the applicant's request and no multiple requests/copies of Bio-Data's of the applicant are forwarded to the employer...by any other consultants.

An additional feature, if a applicant is review by an employer and the employer has a policy, that the applicant be not screened for any matching openings for a fixed amount of period, the search ensures that the applicant does not figure out in the search list for both the employer and his affiliate consultants.

A feature to display walk-ins today .i.e. retrieve currently happening interviews for jobs that can be classified by type, location etc is a good idea, particular the kind of jobs one works round the corner at cafe that serve's pizza/burger i.e. jobs of temporary nature.

saving the time all concerned, i.e. applicant, employer and the middle men i.e. consultants.

The above Includes classifields (web matrimonial services can also be categorized under classifields / yellow pages) as a utility as part of web services.

Ability to embedd a image/ graph as part of the BIO-DATA and classifields ... a customized online web page editorwith relative path on the server to store images. (Not applicable to online sales services).

A simple alternative to embedded images in Bio-Data's is to display the BIO-DATA's as Word document, with the URL itself as pointer to a word document, draw back being, the client needs to have word viewer installed, the word documents content can be stored in database in binary or image data-type, and served as appropriate format of choice html or word document (provided appropriate headers are included much like a in email message ... actually the very concept could be borrowed.)also plain text or html stored as image can enable a quick search ...viz. kind of diff or compare tools implemented in unix, and as also versioning of the documents.

Ability to attach / embedd the contact information for all of the above in downloadable format in .vcf or any suitable downloadable and compatible with mobile , desktop email Clients and address books gives the end users the convenience and flexibility in organizing.

- 169) Most older banking packages work on a DBMS packages while they cover more or less all the requirements for bank's branch ...what makes them un competitive is lack interactivity with other branch's .i.e. ideally put internet friendly with secure communications ,

To plug the draw back these packages require a browser friendly customized CRM package for banking that can interact with these DBMS packages ...simply put a PHP based solution should solve the problem.....this is a low cost alternative

- 170) As described in 164 and 165, most mobiles are GPRS enabled and its is bandwidth issue while connecting to internet (IP based communications can done in the default frequency in which mobile is logged into network)

a) few limitations of the current mobile's namely memory can be solved by locating storage space over the internetletting users to upload heavy files like photos, cam based video recordings on the net.

b) A highly viable feature is that of music player an add-on feature on mobile's / product usually found in the consumer's demand these days.

A better solution would be to locate the said storage space at the mobile operatorand use it as a kind of personalized fm radio service.

- 171) Radio frequency monitoring :

- a) on some frequencies due to encryption transmissions may be of little use
b) on frequencies like GSM/ WLL tracking a particular number is difficult due to minor variations in frequency.

on GSM networks calls can be monitored by routing all calls through a cell site, but calls may be routed through other cell sites and the monitor may miss the calls.....monitoring a particular number may not achieve the desired results.

best solution is to mandatory recording all calls for a fixed amount of period say a fixed amount of period, after sorting out data that is required the rest may be erased ...that solves the storage headache

- 172) from as described in 170 one can visiona shift to mobile /palmtop centric computing, but the most important point being a mobile network can be treated as described in 170

as a Virtual Data Centreand a mobile network being a subset of internet.

the users with in the network access their storage using a private IP, while users coming through internet access it through a public IP.

and importance to this kind of a DATA Centre with a VPN is a user level access list as defined in 164.

Simply put a mobile network can be Virtual SAN within Virtual Data Center with provisions for high availability

For devices requiring high availability the fibre optic cable network can be used add a high availability on both ends of the end point devices.

well ought to check if VSAT's can fit into mobile computing environment.

Note: Fibre optic cable based network scores over other cable based network (viz. copper, Aluminum) if one understands the phenomenon called resistance by any conducting metal...on an additional note it can noticed that backbone of both a SAN /High Availability implementation is still a switch the only difference being the nature Medium used for communication and a slight variance in organization of resourcesand management interfaces (for instance one of the erstwhile popular companies that markets management interface to both SAN and HIGH availability use's / repackages same management interface's classified into different productsla PERL / python ...based OOP objects ...much like/resemblance the one's used in a LDAP)

173) Most business houses / companies have the practices of awarding bonuses, the ideal way would be to fix a fixed % of profit just before net profit is calculated and appropriate it on the basis of the salary(% of sales achieved)and approved by share holdersapplicable when in profitsrather than commission on sales ...well you have the team on the rolls of the company running for improving your business.

174) Blue tooth can be used in home based lighting(much like APC power monitoring used for the monitors in PC'sthese could lead to systems at a later stage which work much like the sensor based taps that you commonly notice) and surround sound systems the concept can be extended to auditoriums using WLL to auditoriums and large outdoor events.

175) Off late with dwindling storage prices the capacities are being increased one particular arena that can be observed is on the web based email and storage services, usually every user is allocated a clamafouged lunid, when increasing the storage capacity the usual procedure followed is to migrate the users to new lunid and copy the users stuff to corresponding new lunid,

while this may see logical this not only time consuming and can lead to administrative errorsa better alternative would be to add/modify the interface to storage that fetch's the corresponding storage space i.e. lunid.

for example earlier we had 2mb mail boxes and mail box sizes are scaling up to gigs.

Instead of migrating the 2mb lun to a new lunalternative is to include a auto generated pointer to the new lunid at end of the 2mb storage space, this works out much like pointer to the v-table in c++ polymorphism....this concept is ideally give a kind of where to look further much like EOF suggest end of the fileprobably this can be used to point to the lunid to be looked at or at times there are constraints expanding a file systeminstead this may optionally be used.

The advantage being existing mirrors of space needn't be disturbed and new mirrors be recreated which is a time consuming process....given the no of users.

This should be particularly be useful for those using raid4 mirrors as syncing mirrors could be quite time consuming.

Also by suitably modifying the code for the interface the old lunid's can be gradually phased out.

The above can also be applied to scenario's in financial domain where OLTP based systems are used.

while the above said lunids could only be directories on a file systems, the scenario could still be scaled/applied on the lines detailed as above.

The above mention design layout is a valid design that can be used in domain's specified i.e. email and web interfaced storage space.

The amount of address pace addressable by a process using above schema.

The concept can also be expanded to allocate multiple swap partitions for a OS...leading to efficient cache.

The amount of address pace addressable by a process using above schema.

The most existing raids only optimize write speeds to disks, the limitation from the point of a memory and swap is that of data consumed by the processor/processors ...memory and the swap / file system.

Create a file system that takes advantage of reads from disks (ideally implement able in swap)...that works much like the UNIX tools cut and join concept.same comes in handy with backups (faster backups as usually write to tapes out to be buffered).

The above concept can also be used in databases that use / depend on raw partitions.

Keeping aside high availability there aren't any companies around taking advantage of the read/write speeds of the hard disks.....probably ideally implement able using threads.

a)at the file system level

b)at the block level ...the way vm operates...also called paging

Dell box's with LSI logic raid controller is a simple example for trying the above implementation.

The above mentioned mode of swap/virtual memory implementation can be implemented as an optional add on kernel module / installation option based on the availability of necessary raid controller.

The concept here is to take advantage of sequential writes directed on different disks available on the controller, ideally the medium on the controller should be available for consumption/transport of data to a different disk while the first write by a disk is still being performed,

This can be improved by adding a cache(buffer of ram memory or pages of virtual memory allocation) to the controller/individual disks on the controller.

176) A NTP server with NTP daemons(client) would be a great component to market for windows based machines.

177)The standard power monitoring mechanisms in Monitors currently being used in PC's can be further enhanced by using a sensor in monitors.

178) Embedding PKI token(/windows digest mode kind of algorithms) into the Instant Messengerthat generates a unique key used for encryption

for every chat session....this can prevent eves dropping and prevent a mock entity from imitating a chat with you in disguise.

The products PKI and windows have nothing to do with above proposed schema of implementation, they have only been mention for illustration.

A simulated version of the above product is already in place.

- 179) Product Licensing and Tracking: By using the one of the above mentioned modification to the standard IPV6, It lets companies track their product installations and bug reporting in a secure way and also optionally let server initiate a session with the client (a product installation at a clients premises) instead of the standard pull feature that is currently been used to product upgradespush can used, and also scores advantage when it comes to product licensing...and also avoids nuances related no of ports required to on a firewall ...much like the tftp and network installation found in the SunOS.

Given tftp is a protocol ... proprietary operating system used by institutions ... given the fact most mother board as termed are equipped with BIOS ...Operating System can be installed (services based on subscription) ...with the availability of modem (through telephone jack or wireless radio frequency

- 180) Similarly SMP systems with multiple hard disks can take advantage of multiple partitions.
- 181) The sun 10k + class of machines can be marketed as mini super computers by suitably modifying backpane , bios and utilizing raid array (as mentioned in 175).
- 182) A raid with mirror can be implemented for schema as mention in 175 by using only the disks on the same controller for a mirror.
- 183) Many a time systems require resetting of defaults and some times it may require disabling the battery on the mother board , to make this convenient and improve the quality/life of mother boards a external interface to reset the battery and also use rechargeable battery (self charging on the board) like in a camera would be advantageous.

Since servicing the production systems could be a issue.

- 184)To suit one of the requirements in a file system on 175 , alternatives that can be explored are small files that have only directories located on it, and inode's just containing a sequential map of data blocks on disks with data blocks spread on the other disks ...this a proprietary raid file system , and backup converting this into a normal standard UNIX file system....as is it emulates the requirements of a UNIX file system, the major modifications being data blocks are away from the file it self, the above schema needs to be optimized.

The disk containing the list of files contains same UNIX flavor file system with above mention modifications.

While the data blocks can optionally be stored a raw data blocks.

The best possible way to give high availability is to go for a mirror.

- 185) For implementing the Virtual Memory as defined in schema 175, the standard Proc as implemented would suffice taking advantage of the raid for a faster VM swapping.
- 186) adding cheaper alternative 22using a USB interfaced Compact disk writer and using it as the medium to install OS/a readable file system, either closing it after the installation or leaving it open and making it write-able with manual intervention can lead/pave way to a virus free

world.....the currently available drivers need only be suitably modified to achieve the stated purpose.

187)The cheapest way of implementing a raid for schema as defined in 183 with layout as defined in 175 is using a JBOD which gives the ability to build a mirror on the same controller.

188) Most office environments have digital logs / time loggerthe friendly swipe card in a office environment, extending the use of a swipe card,

a) every user logging in to a pc in office environment requires a user name and password,

this is a cumber some task for the administrator, easiest way for user administrator and time allocation(resources) on network is integrating the time swipe card in to the network domain.

b) similarly time swipe card can be used in the vending machines at retail outlets

A cell phone can optionally be used in place of swipe card.

This can be used for large outdoor events and mob managements

Given the nature of a swipe card ...either a mobile device of the end-user for the above requirement ...or a calculator kind of a interfaced device with a keypad(as in the case of PSTN landline telephone) ...should suffice (device-id and a optional input password) viz. the option or idea or IR or magnetic pulse or Radio frequency

189) There are medicated strips in market (currently being used in bandages I found while recouping from a fracture) that can be optimized and used a strips for removing hair, similarly currently there is hot wax available around, that can be market as medicated peel off strips for hair removal.

Ex: Currently there are peel of strips available in market for face wash more familar example would be Band Aid from John Son's stable.

190)A device or utility to pluck off wet hair of the human body, an alternative jelly's and hot wax's , may be designed deriving out of the concept based on threading or a machine that picks up hair by plucking , the functionality of plucking can designed or implemented from the way a needle is designed to function in a sewing machine ...used to remove hair.

191) while the https is a heavy weight medium, a better alternative is to use a concept similar to https, but with an option to just encrypt the required fields(this is mostly applicable in key fields in forms), the best way is to exchange the encryption keys, and add a encryption button to http , since this is the most popularly used form of transport , shall be lighter and faster as this is a non socket based encryption.

This works because less amount of time required for decryption on both ends of a http connect, optionally above can be done using downloadable plug-ins using the familar PKI model.

Best way to achieve above is to use a meta tag encryption=true in markup languages, Such as XML / SGML or as a property attribute for a html field tag.

An additional optional meta tags viz. certificate id =xyz, seed strength =n bit can be included at the page / individual tag level.

Usages of certificate ids / MD5 kind of utilities for encryption : For online transactions like banking etc, one may specify / include a certificate id

i.e. all the transactions(encryption of http fields/sessions) with respect to that domain need to be carried by specific certificate requested.

(since any communications on network involve programming over sockets, while the above mechanism has no overhead on communication it gives ability encrypt all data transmitted on the private/public mediums (including internet)....for that matter works even at descriptor/ pipe levels in a processissues like hacking are to be tackled where a binary is replaced or super imposed in lieu of original.

Thus giving scope for issuance of trust / encryption certificates by individual entities /domains .which can increase the quality /safety of transactions done online.

Optionally additionally ... carrying these certificates on a floppy/pen drives secure transactions can be carried out at times even from public PCS / IP addresses.

Stuff related to Assembly line.

192) Replaceable numeric door locks , a form of this is available abroad as on date.

a small needle that projects/protrudes itself out on rotation of the screw.

This can be made available in all size's ranging from inch's to micron's.

Changing the way assembly is done in electronic equipments (including packaging of chipsets), watch's, ring used in a key-chain.

It can be used in a suit case in place of existing locking mechanisms.

It can be used to radically change the wheel replacement in motor vehicles.

193) Deflate-able furniture, for all compartments to support a plank, place a thin strips of wood to support planks.

Also the above design can be improved / optimized by using the concept of variable compartment size by modelling the planks used for partitioning the cupboards on the lines of the way a ISA/ESA cards are modelled for used in a PC.

A '2` shaped hanger for cupboards for suspending cloths (flexibility and ease of sliding cloths on to the hanger) made of metal or fibre, feasibility since one of the sides of the hanger always is perpendicular to the wall(Back) of the cupboard, it can be safely assumed that it is feasible.

For most kind of house hold furniture /trolley to be above to move them around/shift them they are provided with wheels, the wheels as designed as they are todayare subject to get clogged with dust/scrubs/shreds of paper/cloth/human hair a better way to design /implementing wheels for this kind of articles is to use a slightly modified ball bearing.

a optional trolley or small table for serving (ash tray, flower wase etc) ...with a stackable cupboard in the bottom ...exquisite designs derivable from trolley used for serving food by cabin crew (made of fibre , float glass, wood ..particle boards) ...for instance multiple layers of float glass or particle board can be fitted in a carved wood based corners of such a trolley

The wardrobe ...doors can also be optionally be designed to be supported on hinges apart from being slide-able on wheels ...the design can be derived from old-fashioned doors as used southern parts of India (slid on to hinges ...may refer to maternal grand parents residence ...building next to raya-bhadur-may-da and building opposite

'shivaji s/o chalapathi rao's house' ... R. Agraharam , next to patnam bazaar, guntur
...may only suit to teak wood)

The above design can also be derived from the bolt used normally for a house-hold doors or windows ...viz. the tip of the rod on to which a wheel can be located ...for reference one may refer to the way most doors and windows are designed using a iron rod for locking or bolting (this can further be improved using a press button as found in the self door locking mechanisms ...a knob with a press button in the center)

wooden or float-glass planks mounted on a kind of skate board (bottom and top viz. breadth portions of a rectangle)...viz. wheels ...one may also refer to cupboards in wardrobe's for understanding the context ...can be used for implementing doors to cup-boards, windows(don't know if appropriate and fits the scenario) , ventilation burrow's in walls, decorative almariah or showcases, wardrobe's.

the sliding doors can be made such that they can be locked or lockable in the middle with interlock-able wooden or fibre planks and doors that can be locked at the side walls of cup-board ideally to flap on the handle to the door

A cupboard or encasing for television or computer sets made of float glass or wood Or particle boards ...for those housing CRT tubes or monitors etc capable of heating heated up ...a exhaust fan ...with a sliding(lift able)door or front panel ...picking or deriving from how a cupboard in wardrobe works

kind of flexi-wheels ...foldable or kind of flap ...for chairs, planks (wood, float glass) ..i.e. the ability to optionally mount or stand an article on wheels or station them on the base or legs (viz. wheels that can rotate on a corner and be riveted to position the article on a wheel ... for instance supposing that a wheel can be hooked on to the leg of a chair using 3 rivets ... two rivets on which the wheel can be rotated ...and the other using which the wheel can be socketed to the base ...or a kind of free wheel inside a cube ...using an adjustable screw ...which determines whether the base stands on the wheel or the leg of the base ...it is to be noted that wheel is embedded inside the cube ..a 4-dimensional leg ...or a wheel with a cone kind of shape that can be latched to legs or base of the article)

A kind of door knob (self locking ...with a press button in the center) usually used in doors is ideal for usage in cupboards, wardrobes , office cabinets, shelf's , doors to windows (in-lieu of bolts)

Deriving from the way particle boards are manufactured ...manufacturing modulated components that can assembled into furniture is not only a viable option but also scores design wise

For instance for manufacturing a furniture with a stack of trays or just a tray...the plug-gable (taking into notion that most standard furniture consists of 4 legs) supporting sides (column used to create a square or a rectangle) can be carved in to a kind of 'L' such that a plank or sheet of sufficient density can be inserted to create a tray ...this saves lots of effort required in chiseling or carving and also usage of nails ...for instance refer to the way plywood based cots are modeled ...also based on the way these plywood based cots are modeled ...i.e. usually designed to support a plywood plank ...innovative design for dinning table, trolleys etc can be designed (this should also suit the purpose of the one's that use a glass based sheet for longevity and also ease in cleaning)

A innovative door knob ...that can be used for cupboards, wardrobes, almariahs , racks

A metal block (rod) or piece molded in the form of the alphabet 'F' ...plugged on to a rotate-able axis and anchored at the alphabet 'F' rotated on a vertical axis at 180 degrees, this piece or block can be anchored on to a knob (a metallic rod encumbered in between a wheel)

So that when bolted ...the metallic or rotate-able piece as described above anchors it self on to the knob on the other door (ideally left)

The knob on the left door ...can also be in addition designed such that or derived from existing Mechanism of knobs implementation ...that use a press button or a key hole in the middle ... that locks the other anchor-able metallic rod on the right door

Locking mechanisms implement-able for cupboards, wardrobes ...almariah ...can be derived or
Extracted from the old modeled (pre 1970-1980 era) suit-cases...clip-able latch ...with a lock on
the exterior

- 194) The screw used in the above kind of furniture could also be used as
a knob (one may refer to door locks that come with replaceable
lock and key sets).

A optimized form of this used on the back of a watch(kind of lid), would
make's replacing a battery easy.

- 195) A rechargeable and plug-able remote control.

- 196) The size of a transmitter(found in VSATS) should be ideally be fit into the
size of a DTH TV antenna, with a automated rotatable base position able
through remote.

- 197)Changing the computing dynamics from currently available market
components path way to 250gm(PDA/Palmtop...can be termed as web)
/ 500g -1000g (Network) computing.

while the existing environments for improving computing speeds have been
dependent on increasing bus speedsthe below points to improve the
computing architecture to create balanced combination between a desktop
and network computing.

- 1)With high end memory modules (DIMM) available currently available in
the market, by suitably changing the memory architecturethese can
used improve computing speeds and quality of computing

(basically the component
architecture and bus architecture of the modules need to be changed
also a additional feature to emulate a EPROM on these modules i.e.
preserve the state of memory when battery/power is down...also called
flash memory)

- a) These can be used to simulate permanent storage in computing environment
and sync with the lun's over a network.
- b) Multiples of the above modules and increasing the number of processors
and using a SMP architecture in these environments to increase speed,
as existing the processor architectures means high processor means
necessity of heat sinks.
- c) With reference to the current implementation's ...memory banks consisting
pouch's of 128kB ...viz. transferring data from RAM to processor's, it make's
sense to implement pouch's of 64KB ..viz. instead DIMM modules that come
in units 8x64, 8*128it makes sense to implement them as 64KB*Y....
where 'Y' being the number or pouch's or pockets of memory ...referring to
various process currently in paging or thread's being handledviz.
implementing them as 64*Y [or 128*Y] unit's lets ...the processor's being
implemented to handle more number of thread's at a time viz. service more
number of process simultaneously...."viz. rather than increasing the capacity
of these memory banksincreasing the number such memory banks to be
precise".

This also helps ...with reference to the paging error's that one often comes
across...and number of process that can be serviced by a processor

some of the above mentioned points can come in handy for the same.

Providing a USB interface to these devices , can make the computing and

data transfers easier when no network is available.

Note: Existing computing model on desktop makes use of a single processor and multiple devices dependent on the processor for instructions.

With most devices /peripherals being intelligent enough or modular(viz. capable of functioning independently(for instance a cdrom drive ...comes with its own processor Capable to decipher ...run instructions from a CD to play songs etc).... Similarly by modularizing all the devices / peripherals on a desktop computing model (viz. instead of Increasing the computing power or instructions per/sec by a processormultiple Processors that can handle instructions ...each processor of the capability usually being Shipped in a Mobile device /handsetusually a 808x capability should be sufficient.

A small illustration/simulation

Viz. A network card with its own processor

A Cdrom/ speaker subsystem with its own processor

The monitor/visual display unit with its own processor (most of them shipped today take care of refresh rate or flicker rate as is termed ...additionally one may refer to else where in this documentA VDU system with its own processor capable of managing all drawing/manipulating the device ...windowing and drawing tool kit processing capability)

A processor on a hard disk(storage of data/instruction set) itself or a independent processorthat evaluates/recognizes the code and forwards the instructions to respective subsystem in the computer for execution.

Illustration: MPEG format for encoding audio and video

While this format does offer the aboveit lacks or falls short of synchronization capabilities (lip-syncing)with reference to number of frames of video and audio (visual display and back ground audiofor instructional materialhas been the case traditionallyit fails when a visual character is used along with a slide presentationwith reference to lip-syncingreason being all instructions executed in a desktop computing model being serialand dependent on instructions executed per second for desired effect viz. audio ...videonetwork other data processing and synchronization)

Potential Solution:

A processor that recognizes the data upon which to be processed and instructions ... segregates the same ...and forwards the appropriate data and instructions to the specific subsystem (viz. audio system, VDU , network etc) for execution.

- a) Existing computing model ideally using assembly language (modifiable suitably For the purpose)....should enable instruction sets existing as in binary form to To be suitable for above kind of model.
- b) A new computing model ...assembly language as well as few languages on top Of it for programmers to manipulate with capabilities of the kind of offered by a GOTO: clause in languages to be able to address a specific sub system viz. direct instructions specific to a subsystem.

Note: a) as described above offers the best possible option that fits in with existing Computing model and optimized utilization of resources.

While the above is the computing model its utility is very much in aircraft manufacturing and other aerospace related subsystemswhere the functionality of each subsystem before launch the/ testing of equipment, this also helps localize or pinpoint the cause/source of errorenabling quick appraisal of the functionality of the whole system (kind of localizing the Power On Self Test for each sub system)that is monitored/observed

by a central computer / processor.

For instance a small device that observes the motion of turbine in a propeller ...with the availability of bothmini cam ...and karaokethat listens to the noise of the propellerusing few variables like pitch etcthe person in the cockpit (or a ground traffic controller)can monitor or able to have a peak at turbinean occasional bird hit or some other object that may cause obstruction to other functional disability.

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- 198) A dynamo in 2/4 wheelers can be introduced to include a charger for mobiles.
- 199) processing speeds in PC/Laptop can improved by phasing out serial bus architecture to using USB interfacescase be for Printers, internal hard disks, compact disks and other devices.
- 200) Enhancements to stock markets, while most exchanges track and present the volume of trades every day, it would also be possible to track the number of equity holders on the stock at any given point of time, and can be displayed along with the volume of trades.

This comes in handy in various scenarios in stock market, including those that involve payout to share holders remaining when a stock is de-listed.

Also offline market order placements for buy/sell of a stock can be done on digital exchanges, that can be executed during next market session at the exchange,

If the exchange doesn't provide a similar facility , these can be incorporated at broker/service providers end.

Integrating a ERP packages...that track and declare or monitor ...accounting , financial status, assets of the company listed ...hence guaranteeing the reliability of stock markets,

This includes scope for banks ...with equities in floated companies ...as also collection of insurance or as long as the companies are viable in the market

- 201) A commonality that can be shared between writing CD's , Feeding data to a Processor in a computer, analyzing the core dumps.

ex: When CD/DVD is written ,usually one has to select the speed at which the CD is written, an optional setting one has to set,

Problem : Usually the CD writer keeps writing at a select preset speed.

Factor's influencing the CD writing, quality of cache i.e. the rate at which the cache is filled/dumped with data,

If there is any imbalance between the amount of data present in the buffer and the amount of data written to disk in a write effort (writes Or reads as implemented usually happens in a fixed set of blocks) ...if there is a shortage of data available, CD writing failsso is the case when data is being fed to the processor from ram shortage of data.

Feature required : A thread to monitor the amount of data available in the buffer , let the read/write head , Processor proceed only when sufficient data is available.

For writing the CD, the thread has a synchronize lock on the buffer,

So should be the case with processor.

This also has implications to network centric computing environment.

- 202) One of the issue's effecting a cluster, a software recovering from a core dump (specifically databases) is the amount of data available to recover from statei.e. core dump ...I guess from a core dumponly thing missing is usually the state of Processor,

The very case that there is a core dump available on the system means there is a error handle that has captured the event and stored state, from case 199) should it be possible the best means is to retry the previous instruction set,

weather it is handled at the processor level (no of MIPS) or it is handled as a software issue is left to the implementer.

- 203) Most clusters implemented are on shared storage, so when a software crash's or a dump is createdwhen a situation requiring fail over happens 'HIGH AVAILABILITY' the basic issue to recover state , usually need's the intervention of a administrator to recover imbalance in state of system.

For instance replaying of redo logs files in a database crash ...necessitates intervention from a administrator

...is unavailability of core dumps ...on the host or group of hosts responsible for bring the instance or services up and incoming requests in a serviceable state.

i.e. when instance A crash's , boot up instance B that enables recovering from instance Apoint being availability of core dump on the system it self.

Concept stretched ...comes back to high availability of hardware, an implementation of a proper cluster is possible only on architectures of the nature of sun10k+ class of machines.

Note: Here lies the difference between high availability and disaster recovery.

For more information refer to means and mechanisms as described in 404), 426)

- 204) Draw Backs of TCP/IP : Taking advantage of reversing the standard NAT

The destination of a packet could only be only one address,

And any broadcast to a network can only be limited to a only one network, How can one broadcast to multiple hosts spread across multiple networks i.e. on the internet.

i.e. at time a host may need say send a SOS broadcast to multiple IP-address's on internet or UDP Broadcasts for logging.

Solution is to include to implement Dynamic Macro's resolvable at routers,

[The macro's can be used to implement a frame based relay of IPTV / relay of events based on subscription ...these can use notations , kind of familiar in PERL /UNIX expandable to subscriber's with in a subnet based on class of subscription , advantage being individuals can subscribe to the provider directly also]

so when a host needs to broadcast to multiple hosts, it's header includes multiple hoststhe limitation being no sessions.

(off course sessions can be implemented using acks with one to many hosts in a different manner)

as described, the router at appropriate network make's a copy of the data-gram, and forwards it to appropriate host.

While there are limitations and advantages for the above , basic advantage being decreasing computing speed and traffic on the net.

Note: comes in handy for proxies and caching.

The above idea might sound stupid at first site, as the possibility of forwarding multiple broadcasts exists, based on the router's cache it is presumed the router strips IP's when forwarding to the subsequent router, until all the hosts in the macro are addressed.

205) when pumping data into a medium, putting the cache/ buffer on RAM, lets accessing data at high speed, this form converts data into bits, know pumping data in this form into any medium and also storing data in this medium gives high processing speed.

This leads to high speed backup's, with out encryption any body, should be able to restore the backups on to any system. Also using the above form of duplication of buffer's is used heavily in most implementation of raid (hardware)

Pumping data on SAN in this form lets transfer and processing of data at high speed,

just as any public transport systems are prone for tapping so is SAN, hence TCP/IP on fibre optic scores (In addition fibre optic cable based network scores over other cable based network say copper, aluminum, if one understands/comprehend the phenomenon called resistance by any conducting metal).

The above is applicable even on mother boards.....transfer of data, from ram to processor..... the limitation being the amount of data that can be transferred from ram to processor at time.

Advantages: In fabrication of chipsets/motherboardsit should be advantages to a extent.

206) An independent plug-able mini scanner module that can be plugged in to PC's USB port, for verification of signature's in Banking and other products.

Needs development of a signature/handwriting verification software component, that utilizes one of the concept described above, that gives the results in percentile of matching of handwriting / thumb impression.

NOTE: The signature of the individual ought to be capture on a minimum of 40/50 forms at a time, much like the frames in a movie, to understand the pattern of the users signature.

While handling such a module ...color tracing tool (a option or utility can be provided in image manipulation software's such that a algorithm to trace a bit-pattern (binary computing) i.e. a color code (and all subsets of colors derivable i.e. all color codes that fall with in the rage of a principle color), viz. dealing with hand-writing, pen or pencil based sketching, printed matter(scanner stuff) ...nature of concentration of the ink (given the fact ...no... of principle colors available)

The above may also come in handy or can be utilized with reference to camera based Analysis, surgical procedures in Medical equipment like ...endoscopy ...laser based annihilation of tissue (treating tumor or infected or cancerous tissue growth)

207) The PC Monitor settings to be set (i.e. contrast etc) through both software on the PC and also a remote.

The idea of a remote come's in because most of the times, when a projector is used, and one has to use the monitor and change the settings, which are specific to settings supported by the monitor.

This should be a optional plug-able add-on ... and also to fact that these Days with the availability of plasma screens that can be used as television's and plugged into a Desktop / Personal computer.

- 208) In India, channel broadcasting mostly happens through cable network, while signal barring/encryption is possible in DHTV, the drawback of broadcasting to cable subscribers is at the operator's point he has to broadcast all channel to all the subscriber.

Introducing a router/switch that makes use of the concept as described in 204) makes use of the TVs unit number/SID for signal restriction.

- 209) Process state Synchronization with in and across machines :

By modifying the proc FS suitably , state's of two distinct host's can be put in sync (system state can be guaranteed within a corporate network).

The concept work's much like the UNIX utility 'tee' ,

In 'tee' one process write's to the console(stdout of the 'tee') the other to stdout of source process (i.e. stdin of 'tee')

the same is applied hereinstead the tee here write's to a set of host's over network(this can be made to emulate a Virtual IP...expandable to hosts at the router)

Due to the nature of the protocol suite used, the state is guaranteed within a network , but the state across networks can / is subjected to state of network and drawback's of the protocol used i.e. 'udp'(can be circumvented by using a leased line).

The system Broadcasting is called Active System, and rest of the systems spread over network's are passive and can take over on fail-over based on reception of a SOS message.

- 210) By using the concept specified in 201),202),203) and 209)

A kind of High Availability on the same system can be for a process (say a database (instances), web servers can be implemented)

while load balancing doesn't make sense,(keeping an instance static give's the advantage of fail-over)

for database's as on dataone can make use of the SID, and can create a fail over instance(it is a just scriptable, doesn't need any major changes to existing process architecture, just by storing the common information required in a sharable file for instance's to become active ...Importance in database crash's and also shared storage in Server's hosting databases.)

suggestion: It make's sense only to store table spaces on share storage i.e. SAN.

- 211) There are short comings to self referential databases , but there are scenarios where self referential databases are useful, one of the constraints being the size of the table space(no of objects), while this is a constraint applicable to all databases, size of table no of columns , index's etc (there are issue's with atomicity), the concept described in 175) should solve many a issue.

212) Borrowing from 207)when a projector to a screen is being used, it makes sense for display card(Includes 3D capabilities, projection can be borrowed from the current concept being used in game simulators) on PC to determine the display settings based on the focal length supported by the projector (i.e. resolution based on screen size) and achieve the optimal resolution.

Borrowing from the LG's golden eye television for auto setting of contrast based on lighting would be a added advantage. which make use of a processor much like in the Monitor of a PC for arriving at a optimal viewing for the eye based on the surroundings.

The above should as is be ideally achievable by directly plugging the projector in place of a monitor.

But to achieve results for large projection screens....the above algorithm needs to be developed.

Note: a. Borrowing from existing flash / swish kind of software's used for 2d cartoon development which use a matted background, with a inverted y for giving a 3D view, the same could be converted into a film reel.

b. A funnel kind of projection onto the screen viz. a rectangular pipe with a decreasing radius.

213) An ackle on the lun allows multiple hosts to access a lun, simultaneously

This is particularly of use as is in existing high end arrays used in SAN and storage systems.

There could be several scenario's that can implemented/envisioned.

while multiple hosts reading at the same time is not difficult to implement.

When a write/writes are being done solution is to restrict access to only one host, alternatively in some scenario's a fixed lock starting from _ to _ can be implemented.

214) Currently there is a kind of trade off's in the amount of addressable space by Array's(Huge array's viz. Hitachi and EMC) and SAN,

There are also limitations to the amount of addressable objects available in san,

The only available option is a addressable lun over IP (need to borrow a concept from database kind of save point/ rollback lock for a disk cache This is essentially necessary for the nature of TCP/IP sessions, this has been aptly resolved / mentioned in above.

actually a concept borrowed from SAN....

simple solution is to make a SAN addressable over IP address, either through a switch or an Array.

If the same storage is addressed from behind a host, it becomes NFS CacheFS etc.

The advantage of the above is that this doesn't require any high speed network like Gigabit ether net or SAN.

An ackle needs to be added to IP address to restrict host's that can view the luns.

concept described in 213) would be an added advantage.

215) In the market mostly there are loose pointer to page's available that can be used in book's but there is no way to bunch them , making the of little use(Indicator in books/ dairies)

Adding a ring(as in a key chain) to the book's (viz. dairies and other readable magazines) lets bunching of not only pointer's, car key's and other stuff easy, In effect when ever you go to a meeting or a seminar, there is no way one can misplace one's stuff.

216) There are liquid spray's around in market, Opportunity lies in marketing talcum powder's in the spray form, there aren't any facial cream's/jelly/ lotions available in spray form, marketing them in spray form lies the advantagefor scrubbing is easier.

Ex: Powder's like boric powder, anti fungus to treat infection's (say usually areas effected by under garments), against summer heat etc.

Note: It is to be noted many a lotion are marketed in spray form , because of the nature of these spray's being packed with air ... these spray for instance body spray's etc , if not packed properly are susceptible to diffusion.

Also most women carry a makeup kit along , the smaller the size of the kit the better of the difficult things is to fit a comb in a pursehence the opportunity for a ornament adorning the hair(braid the hair) that can encase a comb.

As on date there is current market opportunity to market after shave lotions , facial cleansers in(containers) the 'spray form' just as fragrance's are being marketed (scent/attar as termed in some local dialects).

Egg white ...diluted or in combination with spirit or a suitable liquid ...can be marketed as as facial cleanser

Retailing shampoo or liquid soap used for head bath or hair bathing in a spray form in a handy container(ideally diluted to suit the purpose ...and retailing refillable pouch's) would be a viable option

217) Adding a high projection camera to rear of luxury car's , with display locatable on deck/ closer to steering is a better option than a rear view mirror.

Note: A dot-matrix board should ideal fit in a luxury car, for all of the Following viz. as GPRS, for visual display from a camera, as a touch sensitive screenthat can function as a input device for a computer that services various subsystems in the vehicle.

218) Using a solvent sourced out of Menthol based extract's , improves quality of experience in swimming and other aquatic sports (already used in throat de clogging tablets and a few SOAPS)

Note: Menthol extracts additive is extensively marketed for relief for cough.

Menthol additive based carbonated soft drink can be market as a cool drink and does not require refrigeration.

Additionally the green leaves ...of the plant called pudinaextracts may be explored as a substitute for above.

219) A satellite that makes use of the gamma ray's from sun available above atmospheric levels, that also reduces the hazard's associated with uplifting the radio active materials required / used in GPRS(X-ray +image tracking)...also the concept can be optimized by using the spectrum used for viewing the kind used in night goggles / glasses....also called night vision glasses....the key is to harness gamma ray's using refraction, (that uses prism's(borrowing the concept from a cathode ray tube) on its outer

surface ...such that the harnessed gamma light particles converge into a kind of source for a fibre optic cable.)

220) There are lots of lots of vapor rub's and pain reliever's balm's around, but none of them which are water soluble.

221) Nylon Mesh usage can be exploited in footwear, as window screen's .

Particular scenario is a foldable dropdown window screen in a rectangular frame, a sheet of nylon mesh divided in to columns, foldable and channel for a thread (nada as seen in pyjama's) that can be used for drop down.

Also it can be used in combination with materials like satin/spun for wrinkle free clothing (non ironing requirements)...Nylon Mesh usage for shaping a crest behind linen for all sorts of garments.

A nylon mesh based belt/purse's can be marketed in the trendy fashion circles.

Washable Nylon mesh based insole board's for footwear.

Shoe lace which can be tied like a wrist band(usually found in wrist watch's etc) after being knotted (these are not the same as shoes that come with band with Grip which are termed as half shoethese may not come in handy for grip for Sports etc).

A thin transparent paper pasted on to a thin nylon mesh based sheet, usable in printers (can be used for replacing matted cloth, popularly used in embroidery) also usable in sketching.....school kid's chemistry, biology Record's.

Nylon mesh based mould's are best used in kitchen , washing machine sinks, a sachet in vacuum cleaner and other places.

Nylon mesh sheet covering for exhaust windows/fans.

Nylon mesh sheet layer at bottom of water tankswould be handy as deposits.....algae over long period of time can be easily cleaned.

222) screw's used in assembling are usually chiseled out , alternatively they can be moulded out of mould's and unscrewed.

Innovative screws (model) ...apart from engravings on the `top` ...ensuring that radius of the metal surface consisting of `top` of sufficient height (a cube) so that there can be engravings of threading around the width or the exterior of the screw ...so that a pipe (with internal threading or engraving) that can be screwed or riveted(it is to be kept in mind the direction of threading used for revitting the screw is different or converse to the threading on the exterior of the screw)

to extract the screw

with existence of some screws (the shape of the `top` ...in sided form for instance a pentagon(5 sided) or (6 sided) or hexagon ...given the width or height of the screw a pipe(similarly shaped ..viz. number of sides as on the top of the screw) ...can be affixed on to the screw to un-revitt the screw ...a version of this to be ported to screw models used in consumer electronic goods

223) B-tree's(with fiboniacci / Palindrome series using alphabets(could make use char set also) a number series one) are fastest mean's of implementing search.

224) The Story House :

A concept to utilize a theme and derive content for picture's /movies
From court case's and filed FIR cases.

- 225) Magnetic Ink based hand held printer's(ink that doesn't erase on scrub)
are the best bet for printing retail price's on article's , sticker's
are subject to manipulation.

- 226) Paraxylene (Hollow fibres with high bounce and resilience) based washable
helmet moulds, This can also be used in cars, planes for emergencies /seating.

Also a form of the above for packaging and encasing of handheld electronics.

Based on the air bubble filled poly-sheets usually used for packaging some
Goods marked with market 'HANDLE GLASS WITH CARE' ... a superior and
viable product can be derived out of carbon polymer packing (i.e. carbon
fibre based polymers that can be filled with air and packed ...this is in addition
to the concept used compression or density of carbon molecules while deriving
carbon based polymers)

In conjunction with the above a material or framework or moulds that are porous
(kind of say a mesh ...refer to nylon mesh for understanding the concept) made
out of metal or alloy ...while meeting the requirements of the required safety
standards ...lets sufficient air flow ...is washable

- 227) Touch Screen based tablet PC's with stylus would be at advantage
that can be used in Animation, DTP and advertising fields.

Actually a high resolution TFT base slate with a stylus (with weight
ranging between 500g-1000g) can be used for network computing.

Touch screen based WMD's with multi-purpose utilities that can be
packaged as wrist watch ...added to the fact that blue tooth based
Headsets ...are available ...this makes packaging of a mobile phone's
Or handsets ,music players etc ...a comfort to wear and delight to
Use ...also above such units can be made such that they can apart from
Being on wrist can be latched on to a waist belt, pocket or other comfort
Zone's (also making them water proof should solve many a nuances)

It may be noted that a GUI based interactive menu may also suffice,
With some basic input interface.

These can also be used as kiosks ...on shop floor in retail outlets ,
For locating articles ...refer to 670)

- 228) Develop a eco friendly color's (extract pigmentation out of natural
materials)

consumption being in lipstick, mascara etc.

Raw materials/Herb's: Beetle leaf's and cooking soda extracts.
Mehindi with citric acid combination.
Flower based extracts (say gulmohar).
Kalajamun a kind of fruit found in indian
subcontinent is good case for pigment extraction.

Explore the scope to harness these natural extracts so that can be used as
Coloring agents in food preparation as well.

use the pigmentation/extracts from eco friendly vegetation (tree's/plants
/sea or land based animal fat ...) as a substitute or in a blend form as ink's
for writing instruments and other purposes.

Extracts from Tulsi are a very good face wash lotion.

Neem based adhesive along with natural or water soluble colors in lieu of rubber ink for writing (lipi)and painting instruments

- 229) LDAP/text file(say UNIX styled user/group files)to LDAP database migrations are best managed with script/language with good parsing tools(text files can be easily parsed) and Mapping the fields in source to target database in the intermediate processing script.

Works much like the Microsoft wizard for migration of DBMS/ text files to databases.

- 230) Write a Utility that uses either PERL DBMS / hierarchical / text based logs with GD.pm to convert logs into statistical analysis(for web reporting can use tcl/tk applets)

The same can be integrated in Microsoft frame work using ADO/RDO/DAO Object frame work with excel as a front end, / .Net frame work.

ADO/RDO/ DAO's / DBD's can be extended to incorporate XML with sax scenarios, while there are databases that provide interface for conversion of traditional Relational Tables into XML DTD, there are none that may be providing XML with saxlimitations for XMLsax based transactions would be more or less much on the lines of the transactions in databases (i.e. save pointrollback), and writing of the data in data sets(i.e. set of data that would complete a transaction in whole).

The advantage of this being allows piping of data into a database as well as to application (consumption by the application).....should a transaction in database fail, the application can always restore its state from database.

Note about Transactions: while the transaction's in relational databases exist, the transaction in the above context denote say a XML DTD document, a complete receipt of above document is a whole data set that can be safely stored into the database.

- 231) Borrowing from 230) forms(XML DTD DOM) entities can be directly submitted into databases with client side validations....combined with existing data validation mechanism's present in Relation Databases.

- 232) PDA computing and Network computing.

Most popular usage of hand held mobile/PDA's is for word processing, Decision Support Systems(Excel,lotus123), emails, pictures and a few other basic needs.

All the above can be accomplished by just porting a web browser to a Hand held devices (PDA/Mobile).....that supports XML,DTD,DOM and a scripting language for validation.

Already all word processing documents are XML complaint, DSS systems simulating(Excel/Lotus 123) can be created using XML DTD with a scripting languagewith options to export/import into existing DSS systems, Graphics capabilities can be incorporated.

Email Clients already exist on most PDA's/Mobiles.

Borrowing the concept of storage from existing mail clients say (.PST files) more or less all of the above can be stored into a user's allocated space in a database or a lun (storage space) allocated in a server.

The essential difference between PDA and network (laptop) computing being that PDA make's use of space allocated over a database present on the network for storage needs.

while the network makes use of a Lun over the network for its storage needs.

the concept's specified in 230) , 213), 214) and 197) come in handy understanding and designing a feasible functional model.

- 233) Borrowing from 206) a language recognition/translation software can be built, making use of image sensor/DSP processor , and a alphabet dictionary as existing in most mobile device's today based out of user input over a stylus in PDA's/Hand held electronic devices.

Essential requirement for the above processing being that the writings to be in free letters (unlike say viz. noodlesin a signature)....this should eliminate the necessity for a key board in all hand held devices.

(A XML compatible document that can be encoded on to a silicon wafer , consisting of standard words and corresponding phonetics based spelling, that can be used to language translation).

The above hand-written recognition software ...for inputs from touch sensitive screens can be designed such that ...a `set` of data for input can be processed ...any contrasting or varying or conflicting in identification can be highlighted and be requested for correction and approval before being input

- 234) A tube well that can be operated with pedaling , viable in places where power supply is an issue or cause for concern.
- 235) In Gym Equipments most of the time the amount of energy burnt is listed in caloriesnow borrowing from the concept of dynamoone can measure the amount of energy produced in watts, where ever applicable, this also shows the amount of energy lost in the process i.e. consumed the human body.
- Calibration in terms akin to user is more useful than in a scientific manner some times.
- For instance distance covered on a Thread Mill, bicycle etc where ever applicable can be displayed using a gauge meter much like in motor vehicles.
- 236) Based on the existing ERP concept , a modular approach to E-governance can be developedcatering to the various division of government, A enterprise being a collective effort can be extended to governments as well(Nomenclature of the product shouldn't be a issue)
- 237) An integrated open-ended student (entity), and resource management system, that utilizes the concept of resource utilization based on the time swipe card/identity card as described in one of the concepts specified above.
- This concept can also be used for mob management in large events.
- 238) When developing/deploying a ERP, the ideal way to deploy is to use keep the load balancing concept into account and deploy it in such a way that all in dependent modules are can be deployed on independent server's and yet function as a cohesive unit, Distributed functionality sharing a a common database(The database it self could be either distributed or centralized) foot print (meaning a shared schema).
- 239) A dishwasher on the lines of a washing machine, with a few major difference's ,
- a)multiple spinners of water
 - b)A insert able adjustable compartments based stand into the enclosure,

say borrowing from the concept of a variable size rack in a retailers shopbasically in the corners of the cube/rectangle in above rack comes with small apertures/holes at a every few centimeters distance, this let's after placing a few utensils, to band them on to the encasement firmly with another strip of steel bar.

Essentially strips of steel bar that can be made into a enclosure with variable compartment size(clamping/riveting...borrowing the concept from the Tiffin carrier that school kids carry(while the frame for the carrier is proportional to number of compartments in the carrier).

Note: the sides of the enclosure could also be made of two parallel strips with apertures that weld at the corners.

- c)A special encasement for a washing machine to wash canvas shoes.
A holder / encasement to which shoes can be plugged so that shoes Do not get maligned while water is being spun or rinsed.

For example for a open top based washing machine, rim that can placed as A holder onto which suspender can be suspended into the water to which Shoes etc can be holdalternatively insert-able porous/mesh based narrow drum into which articles can be placed so that they can be rinsed while the water spins (this can also be used to rinse food grain for cooking when being done on a large scale).

Deriving from the fact the way a microwave oven functions ...i.e. water molecules getting heated up ..at a faster rate due to kinetic energy ...flexi washing machine that can function or serve as water heater ...or water heaters or geysers ...for house holds ...that are optimized or efficient and energy consumption friendly from the above.

- 240) A Theatre based laser showlive character creation based cartoon showsalso explore the possibility of utilizing the existing 2D cartoon's composed in software for above projection using lasers.

- 241) Industrial and automotive switch gears management can be automated using a embedded system interface consisting USB and a management console.

Can be used to switch gears in mopeds, similarly in braking mechanisms in vehicles and trolley's used in airports or aerodromes etc.

Ex: Feasibility can be drawn from hydraulic levers...combined / clubbed with kind of mechanism used in most office environmentelectro magnetic based release ...that opens a door.

Else kind of suspension mechanism used in vehicles (modified opposite Pole's/sides of a electro magnet separated by a coil ...amount of force used should be proportionate the amount of compression achieved on the coil.)

Sudden breaking mechanism of vehicles (specifically mopeds) ...can be improved With a wheel (either made of hallow drum or a platinum rimlaced with punctured Holessuch that the break consists of small mole hills (refer to children's bricksbuilding toy structures)optionally the brick be also be made of metal on a tyre based surface ...thus when the break is appliedthe bricks mole hills or tiny heads get plugged into the rims pores or holes ...hence locking the wheel thusbring it to a sudden stop ...the above concept can also be understood by the means in which a chain and gear works

- 242) Utilization of the concept of a character string for Password generation

Ex: Lottery ticket generation, encryption, password generation algorithms for web and mobile based interfaces.

Note: A character set as defined for above purpose includes any character string,

index able by any means.

Based on occasion and the amount of encryption needed one may use

Viz. a Mac address , Unix timestamp, a SIM card number , a string of Characters, math number series (fibonacci, prime numbers, integer, set pairs, pattern of occurrences of number series viz. difference / gap between each of these number patterns for instance in prime numbers

Prime numbers : 1,2,3,5,7,11,13,17,19,23,29,31,37,41,47
Difference series: 1,1,2,2,4,2,4,2,4,6,2,6,4,6...), character string that can be derived out of deflating these numeric patterns/series,

A sub-string from the so defined character string can be obtained using sequence of characters Obtained by using scripting function's splice or mid , ltrim or rtrim i.e. chiseling of characters from the string, alternatively the character string being an arraysequence of characters may be obtained by using numeric functions available in scripting or any programming language for that matter for computing a index number and obtain a character, for instance rand function can be used to derive a character string that can be used for above purposes,

Should the character string be a numeric string, sequence of characters may be obtained by using numeric functions available in scripting or any programming language for that matter for computing a index number and obtain a character, use scripting functions viz. tonumeric and tochar to derive a character string.

Hence a combination of scripting functions can be used on any given string, use scripting to convert a specific character indexed in the array to either numeric or characterand obtain a randomized character string that can be used for various purposes.

All of the above translate into bit patterns and the type of data type used in a low level language, Where as they happen to be a representable / identifiable character in a charset in scripting, database parlance or 4GL parlance.

All characters in a string using ascii value of each of the characters in the string sums up to a unique numeric value, that can be used a key in a database for indexing of the row's viz. a unique key implementation in the database ...hence the sign-in or sign-on id of user of application can be used or sufficient for unique key or sort and retrieving of data ...and hence data in sorted form.

243) Utilization of a timestamp.

Unix Timestamps

A timestamp gives the ability to encoded a date ,time to utmost precession required in commercial use.

This can be encoded into to currency notes, lottery tickets, cinema tickets, air line , rail way tickets etc.

Ideal way to implement it is to use a scanner that can decode the encoded Pattern(enhancements to biometric stickers also).

Advantage: Scanners serving the purpose of individual entities can be embedded For proprietary use.

This can be used as a unique key or auto index in databases.

Note: Given the scope of binary computing ...with introduction or coming of 64-128-256 bit Computing in to norm or parlance ...scope of arithmetic having changed ...the scope and breadth Of a unix timestamp has increased

Date & Time

Taking an example from Date and time format as used in some databases
And RAD Tools,

The date and time captured in character string in a numerical format
(E.g.: dd-mm-yyyy hh:mm:ss) and parsed to remove all separators
such as -,/,,: and converted to a numeral gives a unique number that
can be used as random number, identity id /row id to enforce unique
keys(auto index) in databases.

Similarly from the numeral in character string using sequence of characters
Obtained by using scripting function's splice or mid , ltrim or rtrim i.e. chiseling
of characters from the string and optionally adding/subtracting the chiseled
number to the numeral in character string a unique random number with
in a specified numerical limits may be obtained.

Apart from the above It may also be a good idea (as most paper currency
has time span in circulation with reference to mutilation), it may be good
idea to fix a visible expiry date on the notes viz. approx month and year by
which it ought to be exchanged at the bank, while it may sound obnoxious,
it is to be noted that it prevents any black money in the market (ideally fixing
a period of 10-12yrs should be idealbest applicable to larger denominations)

using timestamp as database key shall be helpful in logging, tracking or tracing
time specific transactions ...viz. kind of purchases(including online on the web)
using credit and debit cards.

usage of dedicated satellite based transactions for ATM (frame relay) instead of
leased line's (PSTN) ...logging or usage of timestamp enabled activity ...for security
reasons.

244) Seeds for a random number Generation.

There are many areas where a random number is used.

One of the usages being in encryption

Viz. a Mac address , Unix timestamp, deflation of the time with precision(as
with or kind of numeric string that gets generated once all the separators
Denoting the time are deflated ...one may refer to various functions available
In several programming interfaces, a SIM card number , a string of
Characters(the bit pattern .translating into a large number), Internet Protocol
address number or Mobile Number (deflated using say casting of nines),
math number series (fibonacii, prime numbers, integer, set pairs,
Pattern of occurrences of number series viz. difference/gap between each
Of these number patterns for instance in prime numbers
Prime numbers : 1,2,3,5,7,11,13,17,19,23,29,31,37,41,47
Difference series: 1,1,2,2,4,2,4,2,4,2,4,6,2,6,4,6...), character string that
Can be derived out of deflating these numeric patterns/series, unique id/part
numbers based on which several peripheral can be identified
(manufacturing serial Number for a hard disk, CD, network card etc).
For WMD the frequencies they are listening into and responding rounded ,
their unit number or current date in calendar year...all of them summed up
and rounded.

Note: Most random number generators usually generate a seed that is usually
Located between .1 - .9 and then multiplied to give out a random
Number in the requested range , one of the draw backs of this algorithm
Due to static nature of the algorithm the numbers so generated may be
Repeated to increase the uniqueness one should use a formula as
Detailed in the previous script let.

Note : A random number based algorithm or prorata based algorithm would be nice to have for allocation of shares in a IPO subscription process.

Using a combination of algorithms as detailed in 242,243 several unique random number generators can derived/arrived at.

converting date (timestamp as on windows platform) ,refer to 243)
by adding all the numerals in the date stringa numeric sum obtained
can be used as a seed for random number generation

while unix timestamp itself can be used random number or as seed for
random number generation,

The sum obtained by adding all the numerals in the unix timestamp can be
used as seed for random number generation.

The concept present in casting of nine's can be used in conjunction with
any sequence of numerals or numeric seriesto generate a random seed
for random number generation

using rand a standard mathematical function as is produces a value between .1 to .9
...the value used as it is for computational purposes ...say encryption leaves scope i.e.
9! Combinations to decipher ...hence larger a number the safer ...most of the times
requiring the seed value to be a multiple of some other numerical number

A random number generator based library

Problem statement: A random number generator that gives output value between 0 to 9

i.e. consists of various routines that generate a value as defined above
making use of various concepts as described in 242,243,244

Function : A random number generator or function that takes as input number of digits
in the resulting number say 10 digit, 20 digit ...N,

For each of the numeral in the resulting number the concept or derivable function
as described in 242,243,244 ...say ideally built into a library are called at random i.e.
the function used to arrive that seed are different i.e. routines in the library are called
at random ...

the procedure is repeated ...'N' number of times ...supposed that the resulting random
is stored in a variable called `NetResult`

Any the following means can be used (as the case may be required scripting or low level
Language appropriate context may be applied)

All the resulting rand values ...called in a loop i.e. repeated the number of times as there are
the number of digits in the required number

a) Taking a variable that can hold character string into context

char_num= char_num (concatenation operator ...based on programming context)randfunc

concatenated to character string ...and converted to numeric say to_numeric or to_number
refer to several such interfaces in the context of databases(sql functions),scripting contexts

randomnumber=to_numeric(char_num)

b) the net resulting random number required computed in the context of numeric

/*illustrated in the context of c and randfunc represent the function that calls a

a routine from the library consisting of functions that generate random numbers

the size of random number dependent on underlying capacity of the variable,
in a programming language, computing platform or architecture

```
*/  
sum=0 , i=0 ; /* N being numeric value representing the number of digits*/  
for( i=0, i<N, i++){  
sum= sum *10 + randfunc ; /* it may be noted that this particular expression  
is variable based on the type of random value  
output by a randfunc implementation whether  
numeric value between .1 to .9 or 0 to 9  
and also the factor by which multiplied i.e.  
10 raised to a factor of N or N-1 */  
}
```

c) 10 raised to the power of N and the rand value generated by randfunc varied by
on a factor (of x ...refer to various functions that can be employed as described
and various operator offered by a programming language i.e. +,-,*,%, /)
...so that a net resulting value is still in line with the requisite value

d) 10 raised to the power of (N-1) and 10 raised to the power of N

being the min and max values i.e. valid range being
10 to the power of (N-1) < or equal to 'Y' < than 10 to the power of (N)
where Y is any value in the above range

Y= Any formulae that generates a numeric value in the above range

Apply any of the available operators offered by the programming interface
On the min and max values

In addition to the above one may resort to the use of a randfunc if required
for the purpose in conjunction with the various numerical operators

e) Random number generator

Numeral Julian year + number of days in a year + month of the year
+ day of the month + day of the week + [current (time ...refer else where for
Format)]

245) In all secure communications + any software that may require protection
from theft over network or internet and usage for commercial exploitation.

IT makes sense to encode the timestamp + identity details on to the
packet stream ...rather to be precise in the header....and as is the case
with https or other reliable communication streamthe sequence of
arrival / time delay of the stream of the packets can be taken into account
and a session could either be rejected /terminatedunderlying impact
on the software transaction viz. database session or other ATM or a
telephone call etc.

Can be exploited by TCP / IP communications routers , encryption
data-gram etc.

Note :Using a combination of algorithms as detailed in 242,243,244
several unique random number generators can derived/arrived at.

Additionally while using say kind of encryption ...for every TCP transmission
session (taking digest mode for instance) a random number generated
out of incoming packet sequence can be usedthis being highly variable
....can also be relayed upon in combination with one of the techniques
described above.

using a character-string (an array of characters) as described in 242), converting date (timestamp as on windows platform) ,refer to 243) by adding all the numerals in the date stringa numeric sum obtained as a index to the character string

"taking ANSI char-set as a base set ...string" ...and its subset represented on a keyboardto communicate in a encrypted manner, for instance to communicate

"HELLO" ...in a encrypted mannerwith each of the characters in the string have a numeric value in the 'ANSI set' ...called as ASCII value.

Example illustration of algorithm for encryption

By computing a rand seed ... that is either added or subtracted to the ascii Valueusing the arrived at numeral to obtain a 'character' in the ANSI set

by applying the above algorithm to every character in the string 'HELLO'a new string is obtained

by communicating the seed to the end-user or softwarethe string 'HELLO' can be regenerated.

The rand seed (taking date) used as above need not be constantviz. For every character being communicated a different rand seed can be used,

for instance based on the base seed arrived ata numeric series can be generated ...from which each number in the series can be used for every corresponding character to be encrypted.

By using concepts, illustrations as described in 242,243,244 ...several algorithms can be generated ...derive or develop a strong encryption algorithmwith using time or rand as a seed and numeric seriesalmost all such communication ...can be made 100% secureand invincible to decryption... an algorithm lite-weight and comparable to HTTPS (in https a single token or certificate for encryption of entire communication session is used)

(for an illustration of a working copy one may refer to a contract performed at www.adepta.com)

To understand or describe encryption better one may refer to kind of what is termed as chandaasu ... a mechanism used in telugu ..to write poetry and also that lets communicate to those having proficiency in language.

Encryption being a reason for communication securely based on a protocol ...an agreed specification ...for instance taking in plain language ... the agreed code of conduct being a converse of a sentences or phrases communicated in plain english,

Translated into low level language ...in 'c' bit-wise operators based operations can be applied on any byte stream communicated ...by communicating a token that consists of a algorithm of application of these bit-wise operators ...these algorithm or token decryption can be embedded in to proprietary software used on both the ends of a TCP/IP based socket communication ...or a mediator server can take care of such a task much the way a ...DNS, mail relay host are a requirement in most INTERNET or digital communication.

web based email , imap4 , pop3 protocol based email communications, encryption on the client side ...can be handled using various client (hostid) and user attributes (virtual lun number, userid, date)that can be used as tokens HTTP communications get or postor enclosed or appended as part of "subject"while transmission, that can be used for encryption and decryption ...using scripting interfaces provided in the client (internet explorer, email clients) ...with proprietary email client software's at the end users.

The token that can be carried in the 'subject' ...can be added to 'subject' field , packing the mail into MIME (mime parsing)and these token's need not necessarily be made visible to the end user viz. these token be carried as part of the 'subject' stripped when being displayed to the end-user in the client-software.

It is to be noted in the above ...the algorithm for encryption and decryption can also Passed acrossas encrypted tokens ...with the token for encryption being a formula or algorithm that can be evaluated at end-user software using substitution variables and eval as functionwith date, time and few other common attributes that are always available to the client ...from which the basic seed to compute can be derived at, or alternatively for advanced user'slets them to input their own algorithm for secure communications.

In the above ...the tokens means a encrypted algorithm (that is done based on few accessible attributes ...some of which may be coy ... accessible to both ends of a TCP / IP session or end clients ... ideally proprietary software that can recognize these from a array of possible pre-defined attributes or patterns ...say kind of adhering to a standard protocol) or key as in the case of PGP

(which has been derived out of my work at adesta.com , a algorithm that encrypts data on the client ..and decrypted on the server-side)

Ability to parse or de-phrase ...lets decrypting the rest of the communication session or data transfer that took place in a sessionhence most MIME ...contents including Images or other type of defined data can be handled this way ...windows digest method may also ...help understand the above ...protocol or handshake

Given the nature of the medium "Internet" and Encryption....for every '1' bit of information 'n' of junk ought to be transmitted

viz. encryption being bulky or being a overhead adding additional junk or non-relevant data to the communication

Hence bandwidth ...being a significant issue for secure communication as implement on internet or any communication channel and also on the Processing speed of data.

Few formula and options to implement encryption and make them a lite Weight as possible ... [enhancements / alternative's to PGP kind of public ,private keys]

Encryption being scrambling of data
Decryption being unscrambling of data

- a) Taking an example of file on any medium viz. being a layout of bits or Or data through a visible address map ...with a inode map present the Sequence in which to read the data.

TCP/IP being cooking of data at end of a session of transmission of Datastriping and re-sequencing of all data-grams received.

Scrambling of data to be transmitted...with a decipherable embedded parse-able address-map of data transmitted.

- b) PGP being given a encrypted data sent or being available to entity Or individual ...the ability to decrypt the same with the published Public key.

- 1) The ability to bestow upon a key to recognize multiple formulae Based on which to decrypt the data.

For instance the way data is interpreted in binaries derived on Composed on processor's and memory model's of different Architecture's ...viz. 286, 386 and x86.... Being able to be Decrypted on usable on windows series or operating systems.

Various ...number series...and arithmetic sequence and formulae
Can be used for purpose.

- 2) With a published public keya key being a length of characters
Of length 'n' ...with strength of encryption being dependent usually
On size of the key.

An alternative or smart way to encode and decode data,

Transmit data ...making use of the public key for encryption, with
a encoded formulae to decrypt data transmitted with the data, that
derives or arrives at key to decrypt the data from the public key
published based on the embedded formulae (possible with the software
being used for the process beingfrom universal provider)

For instance,

length or size of the key used for encryption being a subset of the public
key (out of a published key of size of 2048 or n' bits say only a key of size
128 bits is used for the purpose), or the decrypt-able key arrived at based
on sequence of the characters arrived at by applying a formulae on the
public key.

With the formulae transmitted over or on a secure communication mode
Or channelabove should be possible.

- c) In tcp/ip communications or telegraphic communications ...much like a header
describing the content ...a char-set encoding or NLS ...specified over a bit-stream
...the same key code ...can be interpreted differently i.e. a character belonging
various 'char set' or language encoding

The above piece of protocol can be exploited for communication purpose's ...
for a detailed discussion on character set or encoding else where in the document

- (for instance the encoding ...transmitted in a secure sockets or layer of encrypted
manner ...the rest of the communication stream could use a light weight
transmission ...)

- d) char-set or encoding or NLS being a agreed code of conduct for interpretation ...
by using a standard deduction or addition of a numeral to each of the members
composing a char-set or using a numeric series ...encryption can be achieved

each member in a char-set consisting of a key-code ...using the logic similar to
casting of nine's .. i.e. summing up all numerals in the key-code and by adding
or subtracting ...a new key-code ...for each of the members in a char-set is
derived i.e. a new character-map or char-set ...adhering and interpretable by
a software module.

Hence several character-maps or char-sets interpretable by proprietary software
are arrived at by using kind of a header on tcp/ip streams ... varying set of
char-sets or communications protocol can be applied on communication channels
or bit-streams ...hence any eves dropping of such a communication channel because
or varying interpretations of bit-streams ...de-crypting ...communications will the
more difficult (i.e. different char-sets can be used in a same or single communication
session or transmitted data)

Parity a concept used in computing ...parlance ...for mirroring (notion) of data ...a computed
Algorithm to retrieve ...data in case of impairments to one of the disks involved in the mirror
setup can be used for data-communication purposes over PSTN, ISDN ...and other dialup
based means of communications means

Make use of a dynamic varying length character string ...to be part of a html form (a element)
...or a node in a XML-DTD ...that can be used for encryption of data in html form or XML-DTD
island or document ...refer to 241),242),243), 244), 245) ...for the means of encryption

One may interpret the context ...of necessity of a random length character string from the Point of view of a session (http or tcp/ip)

Length of the string ...based on few attributes of the resultant number ...say even ... odd,

Given the string is elements in a character string array ...all even numbers can be used for Computation of decoding of the `encryption formulae`

It is to be noted a pattern can be used in the character string array ...pickup the sequence of Elements in the array ...to arrive at a computational formulae ...or algorithm for decryption of data

BODMASS : A mathematical concept ...can be used as is i.e. denoted by operands as existing in the ASCII table

Given that encryption algorithm is a protocol ...used by participating Network Cards, Or end binary programs involved in a network (including http) communication session.

The below deals with encryption or shadowing of actual formulae or algorithm ...while transmitting the formulae ...within the string (html form element or XML-DTD ...node)

The transmitted string can be used to shadow or included a embedded formulae ...usable for decryption of the encrypted data.

The elements in such a string ...can be used to shadow ...the mathematical formulae i.e. in-turn Operands in a BODMASS expression.

Similarly ...elements passed in a string ...relative position within the string can denote a specific Meaning ...operand or a numerical value

Hence ...a pattern can be used to denote ...several such expressions within a string (refer to syllabi ...usually used in preparation of competitive exams and benchmarking mathematical ability)

Also index or reference of a specific element in string or array ...say taking or denoting a specific Character in a ASCII table ...presence of such a element in "string" ...used as a element in the form or XML-DTD ...potential calculation of a offset value to be added or subtracted on the rest of The elements or members in the string or array ...to arrive at the true string ...usable for further Computational purpose

Note: The above concept can also be used ...to embedded such algorithm or formulae usable for PGP kind of signature verification

The above such string (case html or xml-dtd element) ...or otherwise (incase of a network driver) ...may upon decoding ...translate into ...eval or `` based expression in the context of unix operating system or scripting or `c` programming context

241),242),243),244) ...245) ...innovative authentication , encryption algorithm, scope for a innovative networking driver (refer else where in the document) ...referring to the mathematical Concept

Of Highest common factor (Greatest Common Division) * Least Common Factor

= Product of two numberswith the above including scope for substitution variables viz. the definition or scope of a number (represent-able by a equation ...refer to algebra)

The above concept can be ported to ...innovative algorithms can be derived ...for instance refer to window digest method ...also the refer to the concept of exchange of a string(usable for multiple purposes245))

246) One of the market requirement is RAID capable arrays (with optionally that can service Requests over TCP/IP) that enable simultaneous read writes on to copies of the mirror .

Current protocols being used to interact with disk based systems are IDE, USB, SCSI

The requirement is for a high speed read writes requiring addressing multiple disk subsystems.

Develop controller that can exploit capability to address multiple disk sub systems.

One of the readily available protocol that can be exploited is iSCSI,

247) Deriving out of 213), 214), 232) ,enabling/ porting USB to internet Data-gram enabling gives, Way for network centric computing for PC based devices (to exploit devices or resources cross the networks)

Usage: sharing the users equipment of internet , could be disk, printer, fax over internet.

248) Cartridges of the kind currently used in Pentax Effina model, can optimized for taking linear backups, and also their light weight nature can used as alternative to Compact Disk/floppy drivefor a high capacity medium for storage of computer data.

The density of the medium used can be varied to suit the purpose.

The camera kind of units with USB / infrared / wireless lan utilizing radio Frequency based interfaces for data transfer can be developed.

249) Existing computing architectures utilizes the bit flip flop model making use of binary numbers for computing.

Explore the viability of a voltage variation based computing to be used to develop a Base X based computing model by changing the way bus is utilized.

The data transferred to RAM from cache is arrived at by the order of bits received [this is where drawback is and the limitations of Bus come in to picture] either by using a fibre optic gun to pump data into the bus, or a DC volt meter the limitations of the bus as on the date can be circumvented, that is each bus can transfer/transmit data into the cache/registers [needs re-organization in the processor...the way data is fetched in to cache...essentially instead of the serial nature make it parallel,

since more are less all the os's involved are multi process' operating system.

This schema of organization / pumping of data has advantage.243) Utilization of document formatting (also called Syntax) , that can be directly converted into XML DTD for consumption into EDI interfaces.

Illustration: Editors used for python programming / Cobol programming.

The above concept can used in automation of paper work in government and business environments.

250) Bone based injuries one of the fatal cause for maximum number of victims, resulting in death, while bone marrow is an issue, artificial bone replica can be created out of fibre (optionally a fibre based plast much like the the existing artificial skin culture) that keeps preserves bone marrow,

251) A web based applet that can be stored in email/other web space safely, works much on the lines of PKI, but doesn't need any installation on the client host, for most websites ... a signature /authentication is required to sign-in instead of a username and password, a text box in to which URL, from which a PKI kind of applet can be downloaded is provided to the end user, which takes care of the input/authentication into the client website.

The idea resulted out of single sign on technologies that were a failure, because of the compulsory affiliation.

Viz. : Passport.

Ex: A URL text box could be provided, which downloads the required applet into the enclosed frame / iframe, that negotiates the authentication into the website, just as PKI but the above described model doesn't require installation of PKI at the client side.

Feasibility:

- a) Most PKI products use an algorithm that generates a temporary key, which is compared / decrypted for its validity, similarly here in the case of this applet a formula / algorithm / pattern to accept a string that fits the mentioned concept, similarly it can have rules like the last used password ... 'n' number of authentication keys cannot be reusedcan be stored on the server side.

Ex: can contain rules like length of authentication string, consist of vowel / consonant / numeric patterns, say all even positions be vowels / all alternate characters be numeric, every 'n' character be a consonant, sum of all embedded numerics in the authentication string should be a fixed numeral.

- b) can use the SIM / mobile unique no for same before proceeding for authentication.

252) Recipe for Ready to Eat Foods.

The popular food wafers a derivative of flour (starch extracts from wheat / Potato flour), Egg Powder a derivative of Egg.

[A Chocolate cream a derivative of sugar (optional)]

Optionally starch extracts from other protein rich pulses, mushroom, pop corn can also be used .

Spices / Chill Powder derivatives from chill/spices powder.

Can be blended to Derive high calorie nutritional food .

Pop corn can be retailed in as many flavors as potato chips.

Retailing flavored masala(spice's added to curry etc in Indian context) would be a great market opportunity ...to be retailed on large scale (retailed in the table top containers for dispensing salt/other spicy powders).

Deriving from the above Omelet's can be sold flavored, so can be beckon egg's made a interesting food viz. a tongue teaser/appetizer by being served along with flavored masala.

Also to be noted there aren't any one around to market the above products in Ginger and ginger +garlic flavors as on date and hence offers a great market opportunity.

Also egg curry (termed as burgee in local dialects in India) with ginger + garlic served either spiced hot(salt + pepper) or sweetened make's a tasty offeringwhich can be used in sandwich's (kind of burger), taken along with roti etc.

Most Burgers sold come along with a potato patty (boiled and fried potato) Crusted in between to Buns(bread loves)to add varietythese patty or Round loves of Crust can also be made out of boiled paste derived from other Pulses like green peas, soya bean paste etc

Boiled dried ginger powder and sugar(No water required) mixed and oven hot gives / makes jelly that can be served dried a tasty offeringthat can be

retailed in packaged form.

Much the way canned soya bean is being sold, many a Indian curry kind of Navaratan kurma and other curries based out of pulses can be retailed under Canned formthat can cooked micro-oven hot A ready to eat stuff (Canned pulses + masala powder can be retailed for the purpose)

Bread being a derivate of flour , fatwith yeast added the resulting dough after fermenting being baked (heated) in a oven

Flour used in Bread preparation can derived many a source ...and graded based on nutrient contentviz. whole cereal grains(wheat, maize, raagi ,millets, rice) ...etc, additionally it can be experimented to be derived from corn, flour extracts from pulses viz. soya, dried bean, dried peas (and flour extracts from few roots like dried sweet potato , potato, potato ,carrot).

Note: Adding milk to dough gives sweetened flavor and also gives a bright white Color to the bread (a recipe that I had learnt/received from my mother, while she used to prepare roti's.).

Boiled corn can be served along with flavored masala (additionally serving boiled corn with salt, chilly, sprinkled lemon juice or salt, black pepper, sprinkled lemon juice offers good variety)

Similarly serving some ground based root based vegetables ...named (kandha , pendalam ...etc in local dialect called telugu in Indian subcontinent) long with sweetened or spiced paste of peppered , garlic, ginger, tomato puree ...makes a good offering to be consumed along with bread, pav, roti etc

also at times curries served with ginger or garlic paste ...may be spruced with elaichi powder to make it ...tongue appetizer or salivating for customer or the consumer

Much like pop corn, puffed rice can also be retailed in various flavors (masaale or sweetened)

Flour extracts from puffed rice , pop corn(sun dried bloated under heat) ...can be retailed or Mixed with jaguery or flour (puffed rice, pop corn) along with sugar heated appropriately or Exposed under micro-oven results in soft fluffy mix ...that can be dried and retailed in slices or cubes

Stuffed aloo paratha (boiled alloo or boiled potato paste sprinkled with very thinly sliced green chilly or pepper, and optional sliced raw coconut) ... makes a excellent palatable dish ...the option of sprinkling the potato paste with flavored masala may also be explored

Raitha a curd derivate usually served along with biryani and other dishes in Indian Subcontinent ...can optionally be prepared using pepper

Similarly splicing up or sprinkling idly(idli) (dough with powdered pepper or sliced green chilli) offers good retail-able variety as food servable on menu order in fast food restaurants

The above also offers a good variety to be retailed as ready to cook mix ... powder retail-able in street corner shops and malls ...able to cook them in micro-wave

Similarly splicing up or sprinkling idly(idli) dough with powdered pepper offers a good variety to be retailed as ready to cook mix ...in powder form retail-able as life-style foods retail-able malls or super markets, able to cook them in micro-wave in minutes

upma-idily(idli) a spicy food offering ...a food delicacy of the mysore-bangalore termed the tullu speaking regions ... upma-idily(idli) spiced up with pepper powder , in lieu of leafy vegetables ...coriander powder instead of coriander leaves can be substituted, can be retailed in powder mix forms retail-able in malls and street corner shops ...that can be cooked microwave oven hot

Starch powder from potato, sweet-potato mixed with milk powder and baking soda ...offers a good flour mix which can used for preparation of sweet dish usually the kind of kala jamun or gulab jamun

Derive a new variety of upma (food delicacy) ... ravva or rawa ...from a mixed flour extracts (following flour may be used for the purpose maida (potato starch flour), rice flour, wheat flour, corn or maize flour)

Similar kind of rawa or ravva fit for upma ...may be derived from flour extracts from pulses

A rice (paddy) ...derivative called attukullu ...makes a decent food for breakfast or evening lite meal or tiffin in the form of lemon rice (preparation) ...these ideally soaked for a little while in water and cooked under microwave oven makes a good offering

Attukullu these ideally soaked for a little while in water and cooked under microwave oven makes a good offering slightly spiced and along with peanuts(fried may suffice) up without lemon

Attukullu these ideally soaked for a little while in water and cooked under microwave oven, along with ice-cream powder, milk with sugar or honey makes a good offering to be consumed as diet food for break fast, evening lite-tiffin

Both of the above also offer good opportunity to be retailed in properly packaged and branded form with all the necessary ingredients ...with instructions

Attukullu ...with slight oil subjected to a process as corn for deriving pop-corn can be retailed in as many flavors as pop-corn (chocolate laced, honey laced, or other sugar derivated flavored laced or masala ...as can be found in the market) ...it may be noted these can also be retailed in packaged form (air tight packing)

There also exists opportunity for packaging saabu-daana (termed in local dialect ...Hindi) or termed as saaggu-BM (termed in local dialect ...telugu) ...in a palate-able ...food item

Given the existence or availability of Egg powder ...omlette mix makes a good retail able commodity

Fast food Restaurants that can potentially serve green chilies wrapped or stuffed in chocolate, flavored cream (sugar derivate) ...to serve as tongue appetizers

253) A disk and raid array simulator software.

A script / binary that simulates file i/o functions, uses a array of disks to simulate a raid implementation.

Uses a text file for storing data, data pumped by an application, Returns this set of garbage data to in response to reads.

[this is easier done on Unix frame work]

While there are already array simulators available in market, there are none that actually allow read write simulates.

254) Makes use of the layout as specified in 175 (mirror optional) with the concept specified in 214),232),247)simulate file i/o functions on the Virtual Disk that is composed of bunch of disks (funniest part being this is not a raid).

ex: a loop back fibre optic interface on a JBOD ...etc, a configurable interface that allows a mirror within optionally

The whole logic to be embedded on the interface card of the JBOD

This logic can be programmed into bios of A1000,A5000...class of machines.

255) A replaceable /removable mesh [heater] in a toast maker .

A mesh based heater can be used for window tops/roof tops for smelting snow, The heater can also be used to quell or repel the pests.

In chilly climates and colder regions and geological regions where winters are severe ventilations to dwelling units and work environments viz. windows can be provided with a casket for air tight packing (refer to pressure cookers) ...this may also be applied to Vehicles (some countries that recognize ...4 wheeler's as mobile dwelling units)

- 256) A sliding door with a revolving spindle for window pane , is best for windows (gives the ability to clean the pane from both sides) ... viz. the above rotates or spins on a axis

The window pane being a revolving module on a axis the door frame's Of the windows.

Similarly based on the above a Float glass based or other glass sheet based pane [or a wooden plank] that can rotate on a axis ...that can be used as push -pull door on both the wedge's in most front office or commercial environments ...ideally a revolving door around its own axis ...may score for the reasons of security also ...this ideally used as a exit -entry points ...with a scope for 180 degree push or pull on both sides.

A convenient interface for closing opening ...shutters for decorative showcase's, windows (can implement this kind of interface or implementation in corporate or other environments where required) ...one may derive the mechanism from sensor based electronic doorway's found in few environments ...here suitably modified with a mechanical interface.

A convenient interface for window shutters or windows (doors to windows) kind of the electromagnetic based interfaces found in front offices ...suitably modified ...a small piece of string attached to the window i.e. bottom portion i.e. to the corner opposite to the one on the hinges of the window frame ...to enable a window to be dragged or pull it back to shut a window.

- 257) High-tech Float glass enclosure'swith coin insert based (much like public vending machines)that openthe door to world class air conditioned lavatories (operating based on a lever much like the one can notice in a auto shut door found in the front office'sthat are self flushing when you shit (works based on sensor logic).

Specially designed flushing units in lavatories a special slot or liquid dispenser with a press button interface for liquid soap, acid, anti-bacterial or fungi fighting agent ...that is flushed along with flushing water ...keeping the toilets clean

A slight variant to the above that dispenses the liquid soap, acid, anti-bacterial or fungi fighting agent ...into the basin or tub in lavatory ...after which water can be flushed ...effective cleaning (this is not same as diluting the liquid into the water attached to or housed in flushing unit

On the lines of a Naphthalene ball ...a effervescence agent ...and a anti-fungal, anti bacteria ...based agent ...small units of these can be left in a wash basin, seepage sink area (seepage of water) ...such that they not only keep bad or foul smell out but also stem any unwanted growth of fungi or bacteria

A fortified or crystallized form of acid ...that ...gets withered as water seeps ...would also a decent proposition for above kind of scenario

- 258) Most accidents in bathroom i.e. slippage's occur due to the nature of the surface and more so being wet, best means is to use a SYNTHETIC TILES that have uneven surface, which can be glued to the surfacethe surface could well be stone based tiles.

Similarly door mats used on tiles , could be developed much like based on concept used Clean / flush in lavatories (kind of creating a vacuum.)

259) Optimizing the usage of a MIRROR'S and Hosts

They provide high availability, usually only one copy of the mirror is used leaving rest of the mirrors unused , but this scenario can be modified in environments requiring only reads (say a web based song store, search engine), the reads can be directed to the any copies of the mirror , kind of traffic redirection.

The other added advantage being when the storage is placed behind a SAN based switch, while one copy that is reserved for a host (that does the updates it) can synced with the other mirrors one at a time or based on the requirement.

Ex: Can be used create digital / easily accessible media library, but needs to Integrated with a database (for cataloguing) with pointers to files on a file system.

Load Balancing of IP / web based traffic requests

Usually multiple hosts are used to service the above kind of requirements,

that is load balancing either through DNS or a traffic redirector is used in a web farm, Easiest solution to implement a cluster of Hosts / Host, that are built upon a modular based OS where the modules are optimized to services disk requests to web/IP requests.

This best applicable to web servers.

260) Exploiting Compression and Encryption , over electronic media

Compression is a bit map of the original file, Encryption usually increases the size of the file.

A combination of compression and encryption should be judiciously used.

Bit based compression can be used in all communication mediums, and in-fact With careful manipulation can efficiently used for encryption, a judicious balance between both is required.

Modems, routing equipment (can be used for TCP/IP communications), and backups used for storing software (Also called Hardware compression.)

261) Image Capture and exploiting the use of a Plug-able motor operated lens in Electronic Appliances viz. mobile phones, PCs (called cams), Binoculars (plug-able in to some storable Media) .

Existing Constraints :

- a) Quality of Picture is proportional to the size of picture saved on a medium.
- b) In existing equipments these days size of the lens affects the weight of the appliance.

Ex: In most mobiles the picture captured is viewed on a dot matrix board, this constraints as both the zoom offered and picture size.

By using a above method i.e. of a plug-able lens (can be substituted in place of the antenna ,In place of the old mobile phones / a binocular / binocular modelled in the form of a spectacles), this way the picture quality/zoom captured is visible to the user, a high resolution picture i.e. compressed , a view of the compressed file offers a better option, as a dynamic picture that is proportionate to the dot matrix screen offered by the device, that makes

use of the formulae blended out of a resolution supported and colors offered (much like a jpeg image i.e. jpeg is a bitmap of original image that offers 256 colors resolution.).

Lens in mobile handsets can be suitably modified for use as a scanner (size and shape And ability to position and lock them properly for the purpose i.e. position them at an 'n' degree's of angle should the case require...also embedd a light in the cam for the purpose of scanning ...the concept also comes in handy for transponder positioning for GIS (distance calculation), aerial based geological survey , satellite dish, communications dish positioning ...etc.

To achieve the above objective the following concept or idea may be utilized ...creating a kind of radial (refer to a mechanical watch) on the axis of the camera ...where in the radial consists of fine pinholes instead of markings ...into which a protrude-able pins On the needle on which the camera is suspended or positioned locks into the pinholes.

The lockable pins on the stem or needle on which camera is suspended or mounted, can be operated using a press button interface or on a coil which functions ideally on electro – magnetism to enable functioning in automated manner over a electronic circuit,

Refer else where in the document for using a ball bearing ...that may fit-inn for the purpose

262) Borrowing the concept from a drainage system that is visible in most metro politician cities, a kind of standard channel can be layed or placed, that can be used for cabling requirements (both power, telephonic) whose capacity can be easily expanded on requirement , and also existing cable capacities can be shared much like in current PSTN cabling and Broadband Internet) ...advantage being these are under ground , not prone to outages usually prone to pole based cabling systems currently in usage in the most parts of the world.

Though light travels at a speed of 8km per sec, there are limitations, and Scope / need for expansion based on future bandwidth needs.

Reason being for instance on a optical disk with out compression one can pack A max of 700mb where as with compression one can pack 2 GB+ based on Amount of compression choosen.

Note: Power cables coated with non conducting materials or those with carbon Polymer based covering help / prevent losses(loss in power) incurred in power transmission(those that are visible in uncovered cable)usually /may be attributed to ionization or (a concept much similar or visible in air picking up humidity from water pools (lake, river, ocean etc), and also power outages from short circuiting.

Hence a device(to be designed) that works much like on the lines of spray painting to spray hot polymers(to spray hot liquid at the push of a button) for coatingand sticks for the feeder.

263) Biggest whole existing as on date is in Intrusion Detection Systems is that of updateable BIOS in routers / routing equipment, as for my observation scope for duplication of all communication done exists, without encryption compounding the problem of saved packets being decrypted on the saved medium on a weak encryption algorithm.

The solution to fix this bug is use of non up datable BIOS in routers.

Similar bug can be found in faxing equipment and in addition to it , most modern fax machines cache a scanned copy of the fax , and hence one may take offline print of the same, leaving potential documents in unsafe hands.

Using a dye viz. dyed chip/ wafer(encoded logic) gives the required protection from potentialities of hacking/malignant code being updated into the Bios.

Ideally once code base has achieved a optimization (optimal efficiency logic and performance wise) it would be best bet to sell it in this form for to the best of my knowledge selling a piece of logic on chipset is costlier than selling it on BIOS which is rewrite able.

Note: with most bios as is shipped as on date with on most devices being liable to be tampered, ...shipping the OEM bios on a cdromthat can be used to restore the system to original state (BIOS) would be a good idea also applicable to BIOS shipped on Mother boards.

264) Using light as a medium for computing needs

A laser blink represents the standard on / off of a bit currently being used binary computing model in effect a bit can represent only 2 states

Expanding on the logic 7 colors can be captured to represent 8 states (including the state Where light with no color is transmitted).

This concept works by using the fibre optic for a bus that converges into a single bus from a seven channel(based on the input received which color Or blink is emitted) source to the bus.

So when utilizing this on a board .an additional bus to indicate when no data is transmitting Being done should solve the problem.

Currently the storage medium also uses the binary model.
Since most mediums use optical readers the above model can be utilized.
Existing chipsets make use of a matrix based dye while this model requires a cube consisting of interconnected digital circuit based matrices made up of a carbon dye with a sensor bulb connected on the 3sides with a optical read write head.

Actually the concept is to design / bring a human neurons present in the brain ...translate them into a neural network that can fit into a processor.

Requirement a particle that can have variable states based on the amount of energy, it is currently hosting.

265) A particular case in contrast is that of photography and film production industry, where more no of colors can be captured i.e. more no bit states can be captured,

By translating this bit states, into a multiple of the base 8 computing faster Computing is possible.

While ordinary data processing is relegated to a multiple of base 8 computing.

266) using the above model as specified in 260), 261) (possible even in binary computing), by recognizing the bit patterns, on the fly manipulation of images can be done or applied to the entire film role or sequence of frames, for instance a male character comes along with a suit , shirt and pant the color combination can be changed on the fly for the entire shoot , this possible because it is possible to recognize bit patterns.

Additional insertions can be applied , like wearing a hat other minor modifications can be applied by careful frame manipulation.

Note: currently this capability available in a 3rd apps viz. Maya /3d max.
This can be extended to 2d as well.

To illustratekind of color selection in layer or image, the tool used while editing in photo Or image editors (for instance photo-shop)

A command set to match or map ...the body language and various gestures

With interfaces into software's like autocad,maya,3-d studio ...and some scripting Interfaces (...command interface's on gaming engines or incorporation of a gaming Engine in a 3-d visualization software)

Let's designing interactive character based talk show's ...etc ...ideally translated ...what can be termed as tollu-bommalata in telugu ...using real life characters (off course funnily and oddly enough ...politician's or politics can be compared with the above game ...people on stage representing shadow characters for various groups ...and no-one or nobody ever knows ...the group or underlying networks of people and their intentions and behavior nature or psychologyfor instance India indulged in global lunch of communication satellite's ...spear heading or penetrating geo-graphical boundaries across the globe ... with information being criteria ...while I am of its victim ...india does seem to term itself as what is called as Indianapolis ...with the power of information ...few course of actions taken by groups in power in year 2000 (having used internet in Riyadh ...routing at router levels and routing across email or other domains with nature of the medium ...security or confidentiality of information being communicated ..viz. email and nature of situations faced by me at companies called veritas software india pvt ltd, corio infotech, bangalore)

...lets hosting ventriloquism , group discussions ...and quite a few exquisite possibilities for streaming content based websites or television channel programming

Further after capturing games (for instance boxing, thyrkwando ...) ...standard norms Or gestures (patterns) can be obtained which can be used or integrated in to 3-D gaming Engines ..that simulate real life characters

The concept can be extended to simulating some natural disasters like floods, earth quakes Simulations in ocean-logy(high low tides ...wave patterns)

267) Insert a image based signature for web/email client signature (not a digital signature), that can be verified by a plug in the browser.

268) A WMD per vehicle enables implementing a speed management of vehicles plying on any particular road/high i.e. a vehicle driver will not be able drive the vehicle beyond the speed limits / actually traffic can be managed by auto speeding the vehicle.

269) A train that moves rather floats based on magnetic field i.e. like poles distract, create high pulse of magnetic field using electric city, a train that makes use of a T shaped elevated track that draws its electric source from the track itself, +V and -V flowing on the same track made of a alloy(conducting strips soldered together with a non conducting strip in the middle.)

The strip can be designed in such a way that it doesn't harm a living being on putting his feet, part of the elevation can also be done using a cement.

Concept can be used with out elevation also, issue is the track should be able to Keep the compartment on the track. its a push technology that makes the compartment float slightly.

It is also to be noted that a electro magnetic track gives the advantage of giving adequate artificial friction (through electro magnetism) should the case require for braking or bringing car to halt.

270) while using XML DTD for EDI, it is not necessary that the sku id used be same between two transacting partners, an LDAP/SQL databases unique ID can be used, which can be mapped (correlated) in to sourcing partners model of SKU id (a unique number to identify a component in ones inventory table) based on the sources id in the database.

271) From the concept specified in 16) and using the concept specified in 246), 254), 259) a superior web search engine can be created.

The web-bot when retrieving / indexing web pages/files does a binary comparison of the file With some standard files that eliminate all common words, saves the

so fetched key words in the SQL database (relational table) with links to actual website and path to the compressed copy of the web page stored on a storage .

while the search engine interface uses a embedded SQL /low level interface, i.e. proprietary API to the database (MySQL, SQLserver, oracle, PostGreSQL ,Sybase)

Also with some of the databases actually using plain text files for storage, a SQL engine On the top of file system viz. API (and index catalog , for the file system and file system that exposes specific API that can be plugged into the SQL engine) ...creates superior search engine.

Actually from the components specified above a customized search engine component can be Built, that can be embedded / sold to client websites.

The above enables building index's based on keyword's/phrases(group of words) ...that results in a faster searchingwell searching of phrases may be allowed by allowing special syntax when submitting text into search text box say viz. delimited by quotes .

Well the above works on the concept based on building a binary that works much like Unix's utilities compare, diff etc.

272) Sea Shell extracts can be exploited in many a ways,

- a) rich in calcium can be used in blending toothpaste.
- b) blended with adhesives can be used as a varnish/coating for outer texture of walls/furniture (for shells of different colors are available / cultured)
- c) Sea Shell being rich in calcium can be used in manufacturing of cement.
- d) Sea shell (pearl culture) ...meat offers a delicious retail-able commodity, explore the idea of genetically or cross breeding ...sea shell based species to derive colored pearls (given the nature of pearl formation ...additional ...basis for colored pearls can be ..understood much like pigmentation involved in galvanization of metals or developing rust free alloys)

273) Exploiting palm specious of trees

- a) Root of Shoots of a form mostly available in southern India , a derivative from the trunk of these trees is used for manufacturing toddy are the one of the richest form of carbohydrates, they can exploited to suit the fast lifestyle of ready to use food,

The root of these shoots can be marketed as frozen foods, these can be cooked raw and eaten.

- b) Pineapple trees these trees can be grown in arduous climate (low rainfall), offers a good alternative to date/palm tree grown mostly in desert regions , middle east etc.
- c) Wood from the palm specious of tree (the older the tree the better the quality of wood) are light weight and can be exploited for crafting furniture and wooden carvings.
- d)Coconut being a saline dependentcoconut plantations along the cost line helps ...preventing erosion of the land/sandalso helps mangroves and in turn help marine water forms to grow.
- e)Apple's from Kashmir and Himachal pradesh make good commodities that are rich in carbohydrates and calories with a unique flavor of their own and hence offer good opportunity to be farmed under green house

274) Systems / applications can be customized to make non complaint to standards, say a port 53 being used for ping.

There are occasions requiring the above either to counter intrusion (specifically denial of service requests or for proprietary use)

275) Many a time the one of the major hindrances effecting computing , is communication channels , say while a router is able / capable to handle the requests, there are many a times the where requests being channeled from a switch to a router are throttled due to the bandwidth issues ... i.e. specifically to improve the BUS size connecting a switch to router.

This much similar to the page fault errors that can be observed within in a PC,

The same can be applied to the requests being served by system (A server), Usually the option is to use high bandwidth NIC, but there are always limitations, In this scenario most people go for load balancing over multiple instances of the applications,

The better option is make a service, serviceable over multiple IP address's , since once a session is initiated with one IP address, all subsequent communications are directed to that IP.

Ideal way is to use a modular app that can service over multiple IP addresses , or use a VIRTUAL IP (over a set of multiple IP address) and manage's channeling of sessions internally.

276) Adverse Effects of Heat Resistant Bacteria ...outsourcing specs for water purification systems or containers

- a) Existence of bacteria that can survive over liquidation (melting) point of most polymers used recycled plastics.
- b) Survival of above kind of bacteria in ordinary water and hence contamination the food reared in this kind of bacteria.

Requirement : 1) Special Furnaces to recycle above polymers.
2) UV ray / Infrared / Microwave enabled cooking equipment, water treatment plants served for public / consumer consumption.
3) for domestic or industrial use ...after treating or subjecting water to UV, much like the way or manner in which a compressor works ...pumping water over or through ...micro-nano base porous candles under or apply pressure to expedite the process of obtaining purified water

Ex Model 1: The traditional candle based water filter can be improvised with either fitting a microwave or a heater in the upper container , sealing the bottom few inch's of Candles (with metal or making it Non porous) ...such that post heating or uv ray subjection ...such the sediments do not clogg the candles .viz. they settle at the Bottom of the container

Also deriving from a vaccum pump , the manner in which a tube well (reverse succution) functions fitting such a mechanism or means in lower compartment Or container attachable to candles in the upper compartment or container ... Harvesting of potable or drinkable water at a faster pace can be achieved.

277) Synthetic carbon polymer derivative based roofing's are best bet countering Infrared radiation/ satellite base GPRS photographing.

Fly Ash being a cheap carbon form, it can be used in the construction industry. As form to counter radiation, Hallow bricks filled with fly ash / Bricks molded Out of cement and fly-ash (UV rays)

278) A multipurpose charger that can be used for various purposes,

i.e. it comes with a voltmeter(set the voltage), and plug-able sockets, suiting different devices.

Much like the multipurpose screwdriver kit, with plug-able screws.

Purposes: radio charger, different kind of mobile chargers.

- 279) A multipurpose device motor operated screw driver kind of device, with plug-able Devices that can be used in place of a grinder/mixer.

Essential difference being a grinder/mixer requires a container where as this Instrument comes with rotator-based devices, that can be used in any suitable storage container.

- 280) One of the common requirements is that at most places, users need to set their passwords, for ATM's , bank lockers digital locks, etc.

while they set a password many a occasion requires retrieval of password, safe means is to retrieved it in an encrypted form to the user and let him change it upon logging in.

since most them are from some form of char set, use a standard algorithm and encrypt them.

This best left implemented much like the Unix accounts (with a counter added)

The initial state of ATM card being lockeda password is set, the first time the user sets a passwordthe ATM card gets activated.

- 281) Deriving out of the previous requirement, and never to let a customer support executive to set your passwords (including internet access) few standards for setting a password (ideally can consist of any characters supported in a char set).

But for most common purposes alphanumeric are used (keeping the common man in view).

There is a situation which demands that the password be communicated to the end user in safe form that can only be decrypted by the end user (in worst case auto setting a password, that can be immediately obtained at any accessible Location (for instance bank's branch ...secure because they use VPN/leased lines)upon inserting of a photo identity card and authentication by concerned authority.

Now capturing of preference for an algorithm (to arrive at safe decryption for the user).

Safest bet is to use a two digit number([a sequence from then on]) whose max size/limit is that of number of characters supported in the char set(supported in the specific language)), this also take care's of the probability of numeric in the password/pin i.e. all numeric present have to be in two digits.

Data/ Ingredient from which a algorithm can be generated, to be captured under https.

- a) Sign of the user's blood group (used either to add or decrement for encryption could be opposite of the case)
- b) No of moles the user has.
- c) A important date / number of individual viz. Date of Birth / graduation date /Driving license number.
- d) Casting of a number (similar to the familiar casting of nines)
- e) once the two digit number is arrived at the characters in password/pin could be in the form of a pattern(viz. even ,odd, fibonacci series etc)

Since at the end of the day it uses only a two digit number for encryption, it is always safer i.e. the longer the password the safer the password and harder for those using brute force method for hacking.

usages: password/pins, algorithm can also be used in renewable coupons say long distance telephone cards(activation) etc.

282) A plug-able flexible REGEXP engine (flexibility much like regex from PERL) into the SQL engine.

283) Deriving from one of my earlier specs a online examination evaluation that can be taken totally under HTTPS, with a server side randomized generation of questionnaire to served (viz. from 278, list of questions served for a individual can be stored as a pattern match able string).

This can also be used for recruiting purposes by governments etc.

Avoids issues such a leakage of question paper etc, partiality etc.

These can be taken even from public computers / terminals in a cyber cafes, Lounges etc viz. terminals enabled with card readers.

Note: Option

a) Photo enable Credit / Debit Cards with Biometric holograms (embedded DNA Structure imported after a medical test ...useful in many a scenarios specified Earlier.)

b) A Pin mailed to the address registered with Photo enabled Credit /Debit card , which can be taken from any authorized cyber lounges on presentation of photo enabled card.

Registrations can still be done with credit / debit cards.

[An additional concept that would add value to a democracies etc, recruiting / conducting the GD s / Interview process under the live broadcasting for positions of high value /Integrity in governments].

Optionally all of the above can be conducted over a 100% HTTPS enabled browsing of the site or by connecting to the office numbers over a modem using ISDN.

Note: In some specific context's or those requiring proprietary libraries not Shipped or installed on the client ...where the necessary client side libraries may be missingthe required task may be executed using RPC on Server sideviz. using encryption for communications between the client and server side (this may require kind of in-process dll context for each client session) for dynamic evaluation or validation.

284) A Case Tracking System.

Requirements: Parentid ->childid's -> childid's<<

Solutions:

a) Could be a relation in a database / a single table.

Draw back: Lack of a SQL query that can traverse the entire parent child hierarchy.

b) A PERL / python / C data structure based data grams made up of Hash's

Ex: Ticketing, judiciary, A document management system etc.

285) A email based service that converts documents into docket based PNG images a lite weight non editable document.

Given the definition of a docket ...ability to pack multiples of content-types ...say ...kind of a zipped file ... hence ideally ...that fit's the above requirement is ole-document viewer control (all ms-office format ..and additional image formats may be ported)

286) One of the draw backs of editors like FrontPage / Dream weaver etc used

for web publishing is they store the passwords in .hta kind of files which are prone for hacking, ideal way is to integrate them to a LDAP base database from the service provider.

287) Intestine of all carnivorous living beings are fertile ground for micro organisms, any excessive presence is harmful to the living being, one the ways to stem their growth / wipe them is maintaining / changing the Ph state in intestine.

288) Since a bit (in this instance on) represents a value, when pumping bits on a bus, based on a timer frequency value represented by the bit could be variable ..and could be used to develop a computing model.

(some thing on the lines of the TDMA used in the mobile computing to make optimal use of the wave length) should come in handy in embedded systems to increase processing speeds.

a) This should help avoid majority of the race conditions occurring for kernel attention.

- 1) using the familiar similar thread synchronization used in java
- 2) few chipsets x86 with kind of memory model (mother board) they use, and the pairs of bus utilization, a stopwatch timer set by the master thread viz.

the scheduler and a logic gate.

b) connection pooling to database connections ..needs thread synchronization.

1. set the number of connections to database to 1.

ODBC / NO TCP/IP CONNECTIONS allowed to database.

Viz. a tool like ndd on solaris can help, actually this bug on oracle also spills on to the number of users able to connect to the database.

The above kind of scenarios in OLTP applications like stock exchanges can be tackled by load balancing and TCP/ IP tuning ... viz. distributing the transactions among multiple databasesand fine tuning the TCP/IP using utilities like ndd (viz. solaris)

- 2.

a) For the transactions, data from the rest of the threads out to be cached On the server side and tried .handling success / failure of the database transaction using a variable image bar the kind of one found on the Windows startup.

b) May give the option to the user to apply for a synchronize (an exclusive connection to the database on press of a button ... one may refer to the various events supported on different kinds of architecture viz. 3 tier / web).

- 1) on 3tier application RAD tool a button /control that has persistence tag on it.

2) For web based transactions server side application that applies for exclusive connection the database, while queuing the other incoming sessions.

289) A optimal fuel consumption indicator for all kinds of vehicles, A digital fuel tank indicator for all kinds of vehicles deriving from the same a auto reserve mode for fuel injection.

290) Java GUI /C++ development tool kit can be used to develop classes for developing (drawing character set /image maps) char sets where existing /

supporting characters are not there , where ever the under laying OS / platform supports GUI dev kits.

Resulting in:

- a) similarity to oracle, ability to store source and class files to be stored in database ORDBMS
- b) after capturing the bitmaps, store it as an hardcore algorithm in class files that can support language display.

291) Modes of implementing a calendar.

One byte to indicate the active day in a week.

One byte to indicate active bits that store the following data
type of the year ordinary, leap, century viz. no days in a year
and the type of months viz. no of days 28,29, 30,31.
One byte[] to indicate a the number of years.

A model to suit different types of calendar year computation based
On time zone.

292) A Bug observed on chipsets and Motherboards is that of socket70.

Sever companies manufacture motherboards for Intel and AMD
which claim to be socket 70 but there is variance viz. those compatible with
Intel or not compatible with AMD and vice versa
In the way they implement the pin set , with no motherboards matching the
The requirement there is a vacuum left in the market viz. socket70 slots
compatible with all processor manufacturers.

Similarly several mother board manufacturers for processors in computers are
giving options to solder additional slots for ATA/SCSI cables / on board modems/
VGA slots etcthere is a huge market opportunity for making these slots plug gable
just like the slots for processors.

293) Read Write Hard Disks

consisting on Platters of spindles of fixed Radius / bytes.
(say single platter's on multiple spindles with each platter having its own
addressable read write head)

294) One of the drawbacks existing as on today is earlier TCP/IP applications can
send a broadcast message into GSM / Mobile Networks (SQLServer 7/2000.)

As on date since both converge through GPRS .. either GPRS based alerter

Needs a plug-able ISA/ESA card into TCP/IP applications or the mobile
service provider should provide TCP/IP based message routing gateway
to the mobile Networks viz. TCP/IP packets that convert into radio frequency.

Note: Most IR /GPRS enabled devices carry a radioactive element based
batteries.

295) Some aircraft mostly defense have the capability to achieve air suspension
(being still) using Acrobatics, a better option would be is to achieve the
same using changing the direction of propellers.

This works because as the altitude increases gravity decreases and quantity
of fuel required also decreases.

- a) Fuel ..aviation turbine fuel.
- b) Using oxygen reserves hydrogen can be drawn from atmosphere.

Note: 1) some aircraft can take off without a longer runway reason being the air pressure
Can be applied /equilibrium to the proportionately to body/mass of the air craft,
The same can be achieved using multiple propellers spread across the body of a larger

air crafts ...this should also let making landing easier.

- 2) Most the aircraft after achieving a certain altitude, simply achieve the momentum because of lack of atmosphere (above ozone layer/ insufficient air pressure and also gravity becoming weaker as altitude increases.

(an algorithm to achieve floating in this layer using the concept specified as above)

Essentially the wedges above the propellers determine whether air pressure should be used for ascent or descent.

- 3) Ideally any aircraft should be able to take off from any kind of surface including sea, the idea is based on the concept of how a helicopter is able to achieve altitude changes, one of the reasons for modification of the algorithm viz. multiple propellers to cover the mass of the body equally through out the aircraft (kind of helicopter being used by air force services by un.)

With wide bodied aircraft being cumbersome with respect to parking etc ... develop a efficient air based vehicle ...that makes use of design from a helicopter and aircraft

In-lieu of the propellers or turbines being positioned parallel to body ...a propeller in the front and a propeller in the rear

[...with a flexi ...blades...for navigation in the air ..as in a helicopter or the ability to have the propeller or turbine in the front to mounted in between two ball-bearing's ...such that it can re-positioned so that it can be used for change in direction or other navigation in altitude, kind of flood lit lights used to be positioned in stage shows, and optional wings with no propeller or turbine mounted on them ...a flexi foldable as used in a telescope

with weight of the body and aerodynamics (width of the column created by the turbines or propellers) ...the above may come in handy to design an efficient vehicle

Implement levers that spin the blades (multiple propeller or turbines) from a single motori.e. a single motor that can spin a turbine or propeller in front or a set of blade a top as in a helicopter ...switch-able or changeable based on the lever's applied

[optional propeller or blades as in a helicopter overhead]

||

rough sketch 1]

In the rough sketch included with reference to wings as specifiedand special ducts based channeling of the windthe required aerodynamics ...can be achieved.

rough sketch 2special sliding wedge or slates as used in wings can be used over

apertures or exhausts ... it is to be noted that the turbines can be used in kind of dual way exhaust fans ...depending on need ..explore the potential of vehicles that can potentially be flown on multiple fuels
...while it may require ... batteries or combustion engine ... suitable modification

using alkaline batteries to power engines ...alkaline substitute as fuel ...and using high voltage ... to re-charge ...to manage -efficiency with reference to refueling

...alkaline being a safe medium for disposal ...and readily available substitute,

using a fibre - carbon-polymer or aluminum based body ...should ferry a sesna

...kind of a aircraft to a 500 mile stretch on a 60 litre of fuel

with reference to take-off ...and gravity ...and altitude at which a aircraft is usually navigates ... the above could easily be stretched

Note: The option of retailing charged alkaline substitute as a fuel may be explored

A aircraft design that is not in sync with the standard aerodynamics design ... but ideally should work ...because it creates the necessary column or space required ...and may potentially be modified to ...change acrobatics are handled and also say push or pull ...viz. thrust and aerodynamics

A improved designed ...for a multi-utility vehicle ... design synthesized from a car , a sesna or a twin propeller based air vehicle , air craft ...a car being a ground based vehicle ...can run on road or a plain ground ...hence gain momentum...viz. propel the turbines or propellers ...gain enough momentum and also required air-pressure for aerodynamics ...once off the air ... or simultaneously ...turn off the power to ground based engine i.e. 3 -4 wheeler

viz. use the number of propellers for takeoff ...for efficiency ...one of the draw backs of a single propeller based engine (say sesna kind of vehicle vis. a vis. twin propellor crafts)

([use gear kind of mechanism] , explore the viability vis. a vis. carrying a additional engineshared source of power, energy)

296) Drawing from above a engine / propellers that can function based on multiple fuels.

While traveling in no gravity zone's or specific layers in atmosphere ..where or when turbines can be or switched off ...it makes sense to make them kind of neutral parking, converse of the above should there be sufficient wind resistance ..and turbines are spinning because of their nature ...may or can cause ...ignition to or being out of control of pilot that can cause damage ...mechanical sense ...when switched on ..on the spurt say atmospherical disturbance

A device deriving from a turbine or propeller or a free wheeling ball mounted on a rim as described elsewhere in this document ...free wheeling ...count no of rpm or rpsdetermine the direction of the wind , speed or resistance from the wind in atmospheric layer (...optional ...measure ...the ...speed of the vehicle as in the case ...when two trains running in opposite directions ...finding the relative speed or difference)

297) A astronaut in a spacecraft has to clamp him self to a chair in the spacecraft else he has to float.

Based on the surface ..the suit(foot part) of the astronaut can be used for Generating temporary electromagnetism that lets the astronaut to walk.

298) One of the safest algorithm of maintaining population levels at a constant is an enforcement of two kids per family on a geographic domain.

299) Satellite based imaging can be used for exploration of elements in the earth's Crust.

One of the way to improve this technique is , minor explosions that can be made in earths crust by drilling to a depth to create resonance.

Additionally as with most modern satellites , imagery can also be taken by creating resonance , by positioning a transponder at a specific location(co-ordinates / traceable by a transmitter/ WMD device) by broadcasting consistently at frequency (strength and other variables can be optimized upon)

[The concept that is used in most remote sensing purposes is much similar to the concept, used in devices used for ultra sound scan that one finds in most modern hospital. This the way in which imagery for atmospheric variable is obtained ...viz. position/location of thunder/hailstorms etc.using appropriate wavelength or frequency it should be possible to create a resonance at specific marked co-ordinates accessible its purview.]

Note: Requirement a multipurpose satellites(ideally the Motorola network of satellites may fit-in for the purpose), positioned suitably position as Geo-Stationary Satellites ,at suitable altitude such that they serve the purpose of Remote sensing and also as a GRPS guidance system for air based navigation.

Given the scope of IR or thermal energy ...and suitably placed ...satellites for remote sensing ...can be used to...withr ...hail storms ...given the fact that most such satellite's are positioned above the layer in atmosphere where usually hailstorms or cloud masses accumulate ... off-course accessibility of sunlight to satellite ...and the distance at which they are positioned ...heat , sound being an element requiring conducive may require proper positioning

it may also be noted of the fact that given the scope of electro magnetism ...clouds or hailstorms ...can also be attracted to ...dragged to a safe zone ...oceanic area ...potentialities ...outdoor events ...sporting etc ...can be organized without hindrance or can be wither-ed ...clout and access to technology determining outcome of such events

300) Oblix & Astrix cartoons would be a great hit ... marketed over the mediums Internet / TV .

Similarly stories of Huckleberry Finn would make good sell on both Internet/TV as a medium.

It is to be noted TV is only a PULL while internet is Push pull, and also depends on the frequency used for communication.

Cartoon or other movie, illustrations ...kulanandini ... kamasutra ...various traditional knowledge banks

301) A lite weight video based security system that works much like the GPRS based camera systems used for capturing the image of a vehicle that break's the speed limits...on the similar lines home's can be networked such that a security camera's installed can be connected to a central security monitoring mechanism that captures the image of any person who loiters or visits the house or other burglar or fire related events / alerts.

302) A refillable oxygen suite of ordinary swimming a helmet like head gear, that can store sufficient oxygen for a n Laps, comes with glass based shield a exhaust mechanism (doesn't include any advance mechanisms, that takes in to underwater pressure / deep sea scuba diving etc).this is a tool kit for ordinary regular swimming pools.

303) A small screw driver kind of a laser that can be used for drilling holes into a coconut etc, would be a important tool in a service men's tool kit.
Could actually be modelled / linked to the Swiss army knife, can draw the energy source from the CNG / alkaline battery present in a cigarette lighter.

304) Embedded forms (html / RAD tool) over secure email using POP3/IMAP4, can be used for paperless office transactions (memos etc).

With the advent of paperless office in both corporate and e-governance as implemented across the globe ... while products like lotus-notes doesn't offer eventing ...in the context of offline communications outside the domain space ...product as described in this document offer ...data collection including eventing...dynamic forms (html ...with both data-process-able in-sync with database or server-side processing or as manual in the context of a lame user ...familiar with basic knowledge of computers viz. ability to use a keyboard and email usageparticularly doesn't require internet access ...usability being over email ...suffices the mail rely server's in corporate or work environments ...effective both in bandwidth usage...and effective usage of workspace environment)

Refer elsewhere in the document for potential OS with a embedded SQL engine or databaseand scope for potential applications that required processing power of databases and web-servers.

In the context of the above using XML-DTD-XSLT (also the fact that most email clients are Rich text enabled) ...with scripting ...making use of encryption ...lets or gives scope for Many a service are tools ...that are unlike not vulnerable or susceptible to the services currently available through or via a website ...secure marketing ...secure data collection ...one may refer to the context of a IDS ...privacy ...or vulnerability and scope of surveillance

It is to be noted contrary to the HTTP protocol based html ...form handling ...the data is Encoded into email message ...ideally ...a additional parse-able MIME layer ...suit the purpose may optionally be created or can be embedded into the body of the message itself

305) Carrying a oxygen suit works or helps as a first aid in helicopters, both on health grounds and also as altitude rises help any suffocation.

306) Currently surgical procedures are being used to remove tumor viz. Either by removing the tumor tissue ,

Alternative procedures identify the area containing the tumor

- a) expose it to radioactive rays ..that can be done by a radiologist.
This can also be applicable to dead tissues arising out of diabetes.
- b) By using a laser(fire particle) and burning of the malignant tissue.

307) Specifications of water treatment plants:

- a) Treat with UV rays .kill all harmful organisms.
- b) Use a candle based filter to obtain filter / pure consumable water.
- c) A small blower .to blow air into these candles to clean the Candles viz. bottom of the candle in a small water filter.

Note: Candles can be made of fibrous rubber / sand stone based on The type/ scale of the water filter required.

308) Enabling sending attachments / greeting cards, for auto / vacation replies.

Note: For some sleek print-advertisement low budget can be backed up by this kind of a facility ...for instance competition or other specs that may ought to distributedan email to a specific email-id, that replies back with appropriate document ...using procmail filters kind of subscription to discussion-list's etc, download or retrieval of some documents can be made this way.

309) One of the best ways to avoid pandemonium's in airports or aerodromes, theatres etc, is to indicate exits and entries with a red/green indicators to indicate the aperture or opening(Exit or Entry points) open for movement by a green light and red when closed.

310) Tulsi a plant usually said to be rich in oxygen emissions is a ideal case for genetic modifications that can be grown indoors much like a money plant.

311) There is a lot of chaff that is available in diamond polishing, fine balls / point that can be derived from these chaff can be used in high end Branded writing instruments.

Also this chaff can be glued on to embroideries high fashion wear clothing, along with silver and gold based embroideries.

312) One of the way to keep or control surroundings temperature or humidity.

a) Air cooler b) Air conditioner

Requirement : A mix of the both that keeps the room temperature at Control ..with maintaining idle humidity levels.

Requirement: Blowing of air over a water medium passed over/under A compressor (ammonia) ..to be chilled distributed in the room....ideal Way is to pump water and air into a chamberusing centrifugal force Create mist release it using pressureevery time the humidity falls Below the pre-set/required level.

Obstacle or requirement : To see no organisms brew in water stored for purpose. One of the way to do it is subject the water container to UV ray treatment.

Note: It should ideally be able to manage a preset humidity levels in the room, Note above mentioned kind of a moisturizer using centrifugal force can Also be used to increase atmospheric humidity levels(with a chamber Located at a particular location with channels / apertures located at a Distance ...say kind of a star layout in a Ethernet environment, humidity Levels can be kept at required levels over a specific area , without causing Rainfall)

Also the above kind of moisturizer based on centrifugal force can also used as a heat dispenser in lieu of a ammonia based compressor coolants or heat sinks usually found around carburetors ... this can be specifically be helpful or useful for vehicles used for transportation on water bodies (boats or other adventure vehicles)

A bottle of effervescing liquid, that can be linked with or makes use of the ducting Channel's for air-conditioning in dwelling units, vehicles etc ... that can diffuse the liquid as a air refreshing agent at a frequency either based on a timer or at the press of a button.

Note: Air conditioners offer safest form of filtered air viz. air blown over or through a sheet of sponge.

Making use of a turbine or a propeller or a turbine as can be found in a windmill ...draw air from atmosphere ...into a chamber filled with water ...create sufficient Pressure ..so that mist is released from an aperture or outlet

Note: Digging a pit ... on sea shore ...at sufficient distance ...ideally results into a kind of lagoon ...this water can be purified ...to obtain potable or drinking water or using the above mentioned technique ...create sufficient ...humidity levels to cause rainfall

Given the nature or manner in which a air-conditioner functions contrary to the standard ones Usually found ...which let setting of a temperature ...while this standard means or manner in Which such air-conditioning equipment are shipped ...enabling air-conditioning equipment with a barometer and thermometer ...and embedded application ...maintains the dwelling unit or

condiments or commercial premises at a preset values (optimal range) ...this is necessitated given the fact ...and such air-conditioned enclosures usually after prolonged use temperatures fall ...hence ability to control the compressor as also airflow ...of such air-conditioning equipment

313) Many a times (say viz. a server farm) , the systems are deployed without a attached GUI for STDOUT, In these scenarios most of the times a client software Is installed which redirects the DISPLAY to a remote virtual terminal that has GUI Capabilities.

Requirement: Say in a Online training sessions.

There is a requirement that the GUI be broadcasted to multiple terminals while only one of the virtual terminal is marked as a management host (kind of root shell).

314) A OS that can import fonts into it to support an additional language, Similarly ..a word / Text processor that can support additional languages Based on the languages supported by underlying os / fonts imported into the Word processor (norff /torff).

315) Craters (uneven or giant pot holes created on earth's surface by foreign matter Usually rock ...hitting or landing at huge speeds on earth) offer a good surface for explorations / experimentations for all kinds of automated rovers /Roberts that can be used for scientific explorations.

316) In programming scenarios, some times it so happens that multiple execution Context to same method call is required, and a means of persistence for these Method calls may require, In such scenario ..means used for persistence say A text file ..could be a solution, but because of the fact that a file name is hard Coded into the method call unique / every execution contexts require unique Context for persistence ..ways of solving the persistency issues are

In addition to the process Id the following can be used

- a) use a GUID
- b) use a timestamp with precision.
- c) use a random number generator algorithm

317) Graphical Windowing Tool Kit say TK kind of toolkits along with persistence can be used to developed a windowing Toolkit based OS that is lightweight and compact.

Essentially each window in the above specified model uses its own storage Space for persistence (i.e. storing its state.) ..this works out to be efficient than those currently available in the market.

GUI versions unix fork, exec could be used to mimic programmable windowing tool kit.

Well more than mimicking any the traditional system calls ...what is important is to make / exploit the use of persistence (storing the state of the window in a text file ...in cache depending on the number of windows concurrently open) than in the memory, this enhances / boosts the performance should the case be.

TK with interfaces from many programming languages ...can enhanced with windowing toolkit ...kind alt+F+N duplication of a window with its cache or translated into low level language ...duplication of a process and renaming the process ...scope for extension of options to a system level fork call (with the exception of file handles with write ...cannot be handled this way, read file handles ...and file-handle's to temporary space kind of cache or virtual-memory allocation may be performed)

318) Deriving from above, a silicon wafer (chipset) / a sensors that can be added to a display Card, that essentially has all the API that does take care of GUI drawing Capability + API for windowing toolkit.

- a) This de-links the GUI/Window interface from the OS, lets any feature OS

to concentrate on the core functionality.

- b) This lets applications to be designed in such a way that they can concentrate on data management .

Note: The necessity arises out of the fact of non standard API for window GUI Interface, hence non compatibility of applications across operating systems. Though the essential function of a application is data management.

This can also be tackled with a RAD tool kit, that can convert the windows GUI Calls to appropriate API based on the operating system on the application is Being run.

Similarly stable operating systems and applications can be embedded on to silicon wafers , Soldered to mother boards and marketed while the disks offers a temporary medium for processing of data.

- 319) Containers used in modern day shipping can modelled on the lines of cabinets used in PCs ..cabinets whose sides are plug-able (on the lines of cabinets shipped with DELL 1600s..these kind of containers should offer more Flexibility in packaging goods.....used in shipping / cargo industry.

- 320) Barrowing from a barometer a pressure sensor to indicate tyre pressure in vehicles / raise a alarm / auto pressure maintainer based on a optimal setting.

Ideally a WMD device in combination with a barometer ...fitted to tyres in lieu of valveslets monitoring of the pressureability to raise alerts or automated management of system's in CAE kind of software based installations, This concept can also be used in heavy industrial weighing machine's viz. those used on hydraulic pressure based weighing machines, to measure load structure of trucks, cargo containers...in a automated manner.

Additionally a special device deriving out the capabilities a barometer or one that can be attached to PDA or WMDto calculate approximate altitude from sea level based on atmospheric pressure ...useful device in gliders, adventure sports, mountaineers) ...that can be attached to a computing device to calculate the same.

For above context or scenario ...ideally a valve on to a spring (used to close the aperture On the tyre) or other context on a remote with infra-red capabilities (refer to a remotes used in a camera or television) ...such that the expansion of a valve (internal in the context) ...when pressure falls below or a when tyre ...gets deflatedsuch that a event is triggered

- 321) One of the ways to achieve international roaming / being available for person Whose is the move is a EPBAX/telephone system is incorporate a feature where In a remote number can be programmed into the system upon authentication, To which all incoming calls on that number can be diverted / teleconferenced.

- 322) Wall Hangers that can be stick-ed / glued to walls which make use of vaccum to glue to the surface, the amount of weight that can be carried by the wall hangers is proportional to length and breadth of the strip used for wall hanger.

(should the walls be tiled concept as can be found /used in equipment used to clean lavatory may come in handy)

- 323) A Bug in windows 2000 servers is that of ADS.

Ideally speaking one should eliminate the OS for any sort of high end server applications.

As per ADS some of the functions performed by the primary domain controller cannot be Delegated.

As per the ADS specifications , a primary domain controller can be demoted and

a secondary domain controller can be promoted.

Scenario In which I found the failure:

There was a Primary Domain controller functioning, Inserted a few secondary domain controllers , tried demoting the Primary and promoting a secondary which ended up as a failure.

In effect there is no High Availability available, it was 2years back I found the bug, not Sure if it is fixed by now (potentially the client company for which I was working may have Clamafouged it , as it itself is a client of Microsoft).

Another notable thing about MS word app from Microsoft stable is that the default Word list Enclosed /shipped does not confirm to either American slang nor the British English, not sure if a custom dictionary is shipped suiting to each Geographic Domain.

- 324) PHP script engine with slight modifications can be used for automation of tasks on operating systemsthis would be a handy tool , for the fact that it has both the text processing / automation and a easy web interface.

It needs to adhere to the open systems interface for operating systems compliancemuch like the WMI on windows.

- 325) One of the ways to enforce compliance to piracy of software's is, release a modified copy of the software say with either bugs / memory leaks in the open source / free to down load forums.

As can be observed one of the peril's of Open Source Software, is that of DNS, while most routing equipment is branded and certified the same may Not be the case with DNS, cause for concern DNS can be custom compiled, And as one is aware DNS requires reverse lookup and forward lookup Most of the times which are denoted by 2 plain text files, DNS shipped in most of the Operating systems, these files can populated and DNS activated While manual editing on Primary DNS is feasible the same on custom Compiled versions for secondary and on the client side cacheable versions With refresh /lookup from primary can result in malignant and unreliable Versions that can lead to mayhem or chaos(Within a specific domain fallout resulting from political to other chaos)as these can direct the requests to specific websites to Duplicate or other false URL's And can go undetectable for all other utilities for verification or resolution are dependant on the DNS.

The best possible solution for the above is to have embedded DNS in the routers Much like the way the things are HANDLED in a SAN environment.

For other possible recourses ... one may refer above viz. routing algorithms based on pure telephone number etc viz. suggested enhancements to IPV6.

Note: In above kind of devices which may require sufficient amount of cache ...in addition to memory modules ...one may resort to using a optical rewrite-able disks viz. enclose Disk drive for the purpose with these devices and with the options of replenishing , the device with a blank re-writable disk periodically for effective functionality

Given the manner or nature DNS and ARP works ...with potential scope for manipulation in DNS as described above (secondary or DNS clients and their cache) ...a improvement and that can potentially plug existing loop holes is make use of a timestamp along with the refresh rate ...and integrate DNS as a mechanism with a NTP (Network time protocol) hierarchy (viz. DNS primary and secondary ...integrated with NTP servers or time maintainers) and DNS clients with time synchronizing ...this should ideally avoid or plug any existing loop holes ...reduce any scope for manipulation to a minor buffer period if any.

Note: Also PGP or sun solaris based YP or NIS or NIS+ kind of digital signing of clients may also help the cause where purpose or nature of information or reliability is of high importance

326) One of the ways to improve Desktop based / web based remote organizer's say viz. MS OUTLOOK , is for instance alerts can linkedsent as an alarm /beeps on mobile phones when not attended on the Organizer.

In fact synchronization of server / mobile based organizers can also be implemented.

327) Borrowing from requirement to Message Queues as described above, a kernel module for OSthat manages the processes which can be designated as either preemptive or Non-Preemptive.....this should be done when process gets into the stack or Queue.

Execution of code ...in the processor context ...implementation of a job or Process scheduler

One may optionally execute different pieces of code or routines based on a factor of Time

The specific data structure used for the purpose in a OS, can be implemented as pointers to functions, data structure...etc

By assigning a priority to each of these process or jobs in queue (to be executed), they can be re-arranged or sequenced based on the priority to the process or job, with each structure containing a priority Value, a frequency value and pointer to function or other piece of code for execution (It may be noted that while ...it is advantageous ...by implementing it as sort ...list... viz. ability to insert a job or process anywhere in the data-structure

The above can also be applied for implementation of various message queue's in writing software

328) A optical scanner represents a base unit (a building block) ...that has the capabilities to recognize characters ...viz. numerals and alphabets, by adding the requiredingredients viz.operands on to the recognizable numerals (unique ...as on date base10 or base16 happen to be recognizable or easily interpretable to human brain ...with base 10 being preferred) , an effective computing environment can be created that tallies with the normal base 10 system being used in day to day operations or accounting practices ...that eliminates the necessary complexity or hurdle in understanding the computing environment to the common man.

Note: a)Algorithms in Vedic mathematics can be incorporated.

[Internally conversion of the scanned numbers can still be done in to base2...which is the existing platform.]

Existing electronic pocket calculators(based on base10) and be clubbed with a digital scanner to arrive at functional prototype.

A processor being an extension of a calculator ...mostly with a matrices of numbers created to perform arithmetic or operations on the resulting or populating matrices.

Explore the idea

Use voltage variations or amount of 'DC' current to represent a number , with each Pocket in a matrice being called a dice

use a stack of layers ...with each layer represent a unique ...decimal number (base 10) that can be held or hold ...a circuit design (for instance lights using dc assembled in a serial order ...which one glows)

While a pocket calculator does use a base10 model ...the problem with computing model

Or software implementations is representing the numeric model on storage mediums,

based on the carbon films used for color photographs ...a base 10 or X based computing model ...can be made feasible with ...specific colors on a spectrometer represent a specific numeral on the computing model used ...the data can be stored in colored bit format on the photo-voltaic films ..readable by a optical reader on software storage mediums

processed data coming from a processor ...can channeled through tiny CRT ...which produces a unique color ...that can be written on to photovoltaic medium ...to generate a specific color ...lens or a Optical Reader or a Optical Writer can be used for the purpose (also refer to digital dot-matrix cells as used in plasma screens and VDU's in modern gadgets) ...this concept can be better understood or implemented or designed by deriving from the fact how infra-red based information exchange works in most modern gadgets(ability to use or print a color based code ...to encode or write bit level information on to storage mediums with precision)

For more information refer else-where in the above document for more information

current digital calculators being no more than a abacus (displacement based of beads) ...a numerical interface of computer ...hence a keyboard with 10+ 'x' pin or as is the case and a additional 'x' a variable number of operators ...either as exists in a calculator a optimized circuit

or based on voltages to populate a soft matrix ...to make such a computing feasible ...and hence design of character-set (language ...representation) for the above and usage

color code for above to represent the computing ...the technology as used in dot-matrix or digital plasma screen may be used for the above purpose both for computing and also storage on a photovoltaic film based medium

329) A modified form of Pen Cap or tail can enable a pen to be used as a stylus.

330) Locks (car, safes, strong rooms, other places where applicable) powered by battery .

Locks that work based on digital signature matching (kind of numeric locks).

These can be battery powered (both on the locker side and [remote] handset side).

Batteries that can be charged (infrared) as also through a socket interface.

(A signature matching that can take place based on the voltage and also bit pattern transmitted , a voltmeter on the locker side...ability to vary the voltage or transmit bits at different volts).

Note: Contrary to existing locking mechanism that use preset numeric code, These offer an alternative in high secure installations ...easy to design Yet gives enough security.

Replaceable keyhole modules for locker's (Bank's , business, trades men), safes etc One may refer to the kind of door-locking mechanism as found in developed Nation's ...one that I had used in Saudi Arabia.

Additionally ...a key hole ..locker mechanism's operable by both a key and a digital Interface(kind found in 4-wheeler's as on date) ...useful for vehicle'shouse hold article's, office desk's

A sensor enabled lock ...with a unique circuit ...modeled or designed in manner in which a radial in a mechanical watch is designed ...with indicators to specific sections or say for instance hour indicators.

A battery powered knob that sits on the radial ...that functions much like the way in old transistor ...upon being tuned on to a specific numeral ...the knob with a battery can be pressed to release specific number of electrical pulse's(no of press and release

manual to release electrical pulse's on to the closed circuit ...that translates upon the knob being tuned onto a numeral on the dial) ... viz. set a numeric lock based on electrical pulses ...which can be set with the kind of a manual jumper setting onto lock ...for sensor to detect or tally ...ideally ...the logic and the processor or sensor can be picked up from a mini calculator.

With reference to manual numeric locks implemented for safes ...most of them consisting of a inverted gear kind of engravings (teeth of a gear ...converse of it) to insert a key into the socket ...it makes sense to design them such that while they free wheel ...the socket for key-hole is not visible by any means either by adjusting or pushing or pull the circle on key hole circumference or such that multiple pouch's are created inverse of a gear (gear kind of carvings inside the circle) ...and only one of them i.e. the one that match's the keyhole socket size viz. the numeric lock code only lets using or opening the lock ...the above ensures that any one unauthorized breaking into the safe will not be able open or unlock the safe using safety pins or screw drivers

Alternatively the numeric lock can be designed such that the metal piece covering the key-hole be designed in various shapes like ...a star (five sides), 3 sides (kaleidoscope), etc ...instead of numeric lock that can be unlocked by reading the number along a vertical column (the concentric metal circles)...a number that is formed along the rim determine's the way to the key-hole (i.e. arranging the numeral's on concentric circles along the outer most circle or rim)

Picking up a few attributes from the locker mechanism as can be taken from the front office door, the mechanical device operate-able in a Compact disk drives (refer to the way driver operates eject function), quite a few kind of numeric or other password based locks can be derived ...they can also be integrated with WMD, in addition ...the manner in which data can be stored in ROM ...a battery that powers the device ...need not be present always or ...a few attributes or using DC power based locks as described else where as described in the document can utilized

It may also be noted that, the standard manual locks as used i.e. the key can be used to power (i.e. close) a circuit ...enable the functionality of the digital lock (say kind of IR based mechanisms as exists today)

Note: Memory module as used in OpenBoot modules of some operating systems (for instance Sun solaris) ...along with WMD device can be exploited for high performance locks and And clocks with precision.

331) Mouth Ulcers ...reasons could be many ...those resulting out of sexually transmitted diseases ...can be made to subdued ...with proper consumption of ice cream / ice, while I lack any scientific explanation, this is based out of personal experience, while had this problem as a child and was usually prescribed vitamin B12, I found it to be less effective ... and with probability of being born +v by birth, so called AIDS infected / Syphilis infected, found the treatment of ulcers

In the Mouth (oral consumption) With ICE an effective treatment. Ice-cream / Chocolates / Health Drinks enriched with protienules can be marketed on dieticians / Physicians advice/ with a declared Nutrition content.

PUSS cells one of the side effects of contracting A STD, can be Effectively treated using pentads / penicillin ...a natural antibiotic.

332) The existing Registry in Windows operating system being organized on the line's of a PERL Hash's ...could actually be organized in to a LDAP database, and could be ideally extended to any kind of OS.

333) One of the ways for treating sewage water in a better manner is to use a giant Boiler with a open top,

Advantages

- a) can be used to control humidity,
- b) can be made to harvest solar energy.

c) should the case be with that of a sea water can be used to generate salt.

Sewage treatment plants can be designed such that they apart from distilling or recycle water, produce manure ...can also generate electricity ...i.e. efficient usage of fuel (generator) or a carefully designed drainage layout that can potentially generate hydro electricity ...the concept can be extended to distilleries, breweries, milk sterilization (by product manufacturing ...cheese, fat concentrates) and also few manufacturing sectors or industries (re-cycle or reuse the generated power within these plants)

334) All Plastic molded utensils / encasing (for instance life expectancy of a bucket) can be improved with metal frame/rim / base.

Just like polymer based rack for CD casing (one can refer to the rack designed for or usually shipped with HiFi music systems viz. CD / DVD) on the similar lines a casing or rack for magazines (books) for better organizing kind of catalogue ability use them flexibly without mutilating.

335) An improvised accessory to vacuum cleaners / new equipment is for cleaning tiles / floor , Borrowing from a iron box that has a drip facility , an accessory that first takes of any dust off the floor, uses a drip / a mechanism to wet the floor and then apply the suction/hot air blower to dry the floor.

Alternatively the floor cleaner can be modelled on the lines of the equipment used for polishing tiles.

An accessory to a vacuum cleaner that contains a scrubber encased in a pouch To absorb / seep water in lieu of a dust.

Note: The above is to fit into the role of a broom stick with shreds of strings knotted together , used for mopping a wet floor.

336) Improvised mother boards and plug-able devices(including USB) with interface, that let Updating firmware through the floppy drive / when connected to PC. Ideally a plug-able cable to the interface on the mother board, this lets any Ram based virus's from modifying the accessories firmware.

Since all the firmware happens to be on a ROM essentially and interface to read Also gives the possibility to write over it, hence ideally a Digital Signature based Updation should be a ideal solution.

Also enables unauthorized personal or service center's from fidzing with the accessories.

a)For simplicity the interface could be just a cable of wire that can be used to For the purpose of a flag(.comparison of signature of the device with that On the mother board.)

b)Use the PKI model to all the devices on the system

c)Apply the PKI model to all the devices on the system + use the individuals

PKI Keys for additional security.

337) Automated shuttersfor shops and for other business establishments. most shutters can be mechanized with help of a small general purpose motor.....also grease box on the encasing keeps them from rusting.

The concept used in vehicles viz. ignition key to start the engine (essentially to close a circuit to allow power flow) could be used.

The same concept can be used for security purposes, in locking mechanisms in hotel rooms etc and also for power supply related main houses to houses etc ...gives the security that nobody draws power illegally or no fire accidents

or triggered...it is a better mechanism(in lieu of fuses) ...for power transformers etc

A kind of auto winding shutters to windows, doors, cupboards , dwelling or business Establishments ...the design can or may be derived from the way wounding mechanism for wire(electrical conducting) is in several electrical appliances (refer to vacuum cleaner) ...ideally from skewing of a coil (while this design may be difficult to applied to melt based door shutters ...a cable may be used instead ...refer the complete or whole concept) ...this can easily be applied to cloth , nylon based window shields, curtains (blinds to windows), vending modules(kind of rotate-able drum used in digital printers) in of cloth, wall paper, this can be derived from the way knitting yarn or thread is wound on bobbins, additionally the amount of winding can be controlled for window curtains or blinds ...by enclosing a such a drum on a rod ...which can be provided with a interface for winding using a rope ...much the way a bobbin operates in a sewing machine...to be more specific the drum could converge into a edge with gear i.e. rotate-able with teeth of a gear or a wheel on to which a thread or cable of a LOOP can be suspended

one of the ends of the cloth or paper can be attached or knitted or wrapped to a drum over a slot kind [1] on the circumference or diameter of the drum with the (It may be noted that same can be done over the circumference of the drum to b able to achieve the desired objective

Using a mechanical motor and set of gears ...a rack of such spindle or bundle's can be Automated ...for use in manufacturing and retailing sectors (paper, leather, cloth etc)

The design of rings on which a window blinds are hung on a grail or rod (applicable to windows, door ways , path ways) ...can be derived from the design of what may be termed as a 'clip' (inverted form of ^) used to clap a garment ...on a gauged wire or rope (usually used or let the garment dry) ...the design of such a clip can be suitably modified (into a circular form) such that it can be clamped around rod or grail such the clip (of sufficient radius) can be slid freely on the rod or grail

338) Plug-able Key holes would be easy to manage in resale of vehicles, Shifting of apartments etc, additionally adding a numeric code lock for insertion and removal of these key holes will help.

339) Frames of Spectacles, watch encasings made of precious non ferrous metals (and alloys to cater to lower end segments ...viz. add elements to create pigmentation...much like steel....instead of covering /plating) would be trendy and light weight, they would be a great hit in the high end segments of market ex: Platinum, Gold etc (Note these are not coverings / plated .

340) Some versions of document editors provide a means of logging the editing of the documentadding host and its timestamps for modification of these documents helps in a PAPERLESS Office environments.

Editing of this document(read/write) mode can be made based on a key using The PKI model, and set of document types a document in the public purview, A document owned by a individual, a document owned by a group etc

Much like the standard Unix file types, while the same facility exists in windows2000,

Sharing of this document over email and enabling the file permissions, need To be either mapped into the file system attributes or clubbed with a PKI with Cross the hurdle faced with being located on a shared domain.

341) A scriptlet or binary program that can be attached to a GUI component (html or GUI component in 3tier architecture / Dynamic html)...which are validation rulesthat can be attached these components either on server side or client side ... depending on the kind of architecture chosen.

Viz. say a calendar validation , address & pin code validation, currency validation, Alpha numeric validation, credit / debit card validation etc.

342) Computer Flash/other interactive medium based tutorials based musical instruments

- 1) for keyboard
- 2) string based instruments particularly recorded / flash based drawn instructions for operating these instruments.
- 3) This technique may be tried for mouth organs as well.
 - a) Make use of sound card interface present on the PC with key board through a USB /infrared interface
 - b) A plain tutorial for learning keyboard based instruments on PC , that makes use of a external musical device (viz. Yamaha keyboards etc)

Note: These tutorials can be sold as a value added stuff with these instruments.

- 343) Fruit pulp extracts along with sugar /sugarcane extracts in a crystalline form Unlike the synthetic form marketed for citrus family of fruits viz. lime citrate, Orange citrate etc.

Similarly the shell covers of all citrus fruits (in dried powder form) along with Liquid extracts with medicinal herbs like tulsi are good for facial / body cleansers.

- 344) one of the ways of disabling a potential target is through static electricity by using a air blower viz. blowing charged ions ...ideally speaking this phenomenon can be observed in IT labs at temperatures below 18 degrees....for instance mobs can be repelled by spraying two separate streams of +ively and -ively charge ions creating a scenario where it creates minor voltages of electricity this could be converted into a proper form to achieve the objective.

Potential Marketable forms: Pest Repellents, Mob repellent etc.

(Understanding Static Electricity ...to best of my knowledge static electricity is discharge of charged ions on communion with a conductor)

Exploding/spraying hot liquid wax offers a safe means for mob dispersal, With the target audience suffering just sufficient enough to be Intimidated and minor yet sufficient to disperse a crowd (the injuries Mostly harmless causes area sustaining the liquid wax a contracted skin ...causing enough pain)

- 345) Molded Rubber / Plastic encasing model-ed on the lines of round combs used for combing hair viz. needles like that of the comb ...which can be capped on to the gas burners in gas stoves to clean up clogging.

since rust can be one of the important sources of clogging ...using a non rusting alloy for manufacturing these burners would be ideal.

similarly ...as mention above a encasing / add on to a vacuum cleaner (blower / suction) to clean the same can help.

- 346) One of the sleek means of advertising in print medium is to print the companies Visiting card (ideally it should take care of companies logo, one liner giving the Companies objective catering to the masses, with necessary contact information.

This would be very much advantageous to companies those that seek very high recall value.

Also form of advertising would be ideally for yellow pages and free classified ads.

- 347) Porcelain or Plaster of Paris plastering in kitchens, should work out as low cost alternative, Makes it easy to clean the Greece and smoke coverings, due to the nature Of porcelain/any material that can absorb heat viz. should act as good heat sink, on the long run while the covering may crack, it should be easier to redo the interiors of a kitchen.

Note: Porcelain offers a better alternative to plaster of Paris, It should also offer a good alternative to plastering of exteriors, particularly The kind of finish and color guarantee it offers.

Traditional jars say Chinese crockery etc of centuries old stand as a good example to the durability of the same.

Also porcelain coated internals of cement pipe's would be better option as they facilitate easy seepage in laying drainages....the same coated on the exterior can be used for under water cable lying also.

- 348) A multi lingual global news paper / web related service can be run using A automated language translator, of which the content can be reviewed by Few content editors in respective regional language experts.

Should be helpful to groups, nations in voicing their opinion across the globes In their perspective.

- 349) Easiest way to self help guides / training manuals for IT related products is is to capture screen shots sequential steps / navigation of a Product, enclose the necessary documentation / author's explanatory notes along with them.

This very much similar to the way one writes directions to a road map.

- 350) From one of the concepts mentioned earlier, instead of using dirty page logging, One may use concept similar in mirroring using pipes (manipulating with file descriptors , this should improve the Quality of many a software products.

Additional advantages: the backup copy may be located on distinct devices or partitions.

Ex: databases to file systems, indexing search engines, high availability of database instances (could be on a local host or a shared disks / file systems) etc.

Creating RAID stuff that has DISK DRIVES ATTACHED (to best of my knowledge there Doesn't seem to none around in the market as on date) in a parallel manner to the host computer.

NOTE: As on date all RAID array's come with interfaces that attach to a host computer Through a controllerthese controllers though possess high communication Are not parallel in nature.

Deriving from above , raid array's that have either USB/FIBRE OPTIC interface that Let multiple disk drive to be directly connected to host computer in a parallel manner.

When multiple disk drives are connected to a HBA ...there are always bandwidth Issues, and simultaneous read write issues that crop up.

- 351) One of the ways to handle the requirements for blood transfusion is to culture the Blood artificially and do the transfusion, the current practices use umbilical cord But simplest way is to draw bone marrow by drilling a small hole into the host Drawing the bone marrow and culturing the same artificially and using the cultured Blood for transfusion.

(For most patients sustaining injuries ...based on the quantum of the injury with blood cells and their lifespan very low ...i.e. regeneratable within less than 24hrs ...ideally fluids ...in the veins to channel or transfer nutrient to cells in body should be ideal ...to substitute blood loss ...hence normal saline should ideally suffice for some one to undergo - a surgery

.....additionally ...for performing surgeries on fractures or disjointed bones etc or similar surgeries that doesn't require identification of specific area in the flesh ...blood loss can be arrested by simply ...blocking the blood supply to the area by tying or knotting with a tight cloth)....most surgeries involving hands, feet may be handled in the above specified manner.

- 352) One of the means of measuring the speed of light is laying a fibre optic cable, Use a laser gun /mini bulb pump light particle , measure the time at the other End, using a carbon disk is simplest solution on one of the ends viz. Diskettes

Used in disk array's (ex used in high end raid solutions).

Scientific experiment that can be done in most college's with adequate equipment,
Needs a very high precision clock.

A light particle ...the distance or extent to which it can travel in darkness ...in a chamber filled with atmosphere ...in a chamber of vacuum ...make use of a laser gun the fiber optic based as used in Storage Area Network.

353) An option that would be helpful in online gaming activity is subscription based on a set of few user preferences viz. gaming zone's / games fixed by time/by rating / restrict play with players within a specified ranking / those that are segregated by group or segments when dealing with stock market / get a list similarly stocks currently trading within a specified price band/ those that do not have any fixed time for completion...etc

Viz. these kind of preferences can be captured just before one enters gaming Zones.

354) Many or most mines are closed after a couple of years these are hazardous to environment and pose threat with respect to environmental hazards, ideal way to tackle them is refill themeasily available materials/means being

- 1) use them for garbage disposal
- 2) Refill them with materials like fly ash.
- 3) Fill them with saline water and let coral reef breed so that it fills up after a few years....let fish breedthese can be turned into petroleum deposits.

(Note banning / rearing fish in shallow/stable waters of gulfs is a ideal proposition viz. straits of Kuwait, the Mediterranean sea more less all creeks where usually coral reef breeds at a rapid rate.)

....for instance all abandoned coal and gold mines can be experimented with the above.

Note: Coral Reef consists of sea life forms and microbes that breed on dead masses of sea life forms(decomposition.)

355) The problem plagued by most MLM (multi level marketing) companies is that Of induction of new memberssince the population in any given domain Is fixed / does not grow at the rate as expected by these members ,

Since several business entities fall into this kind of trap, the possible alternative's Below should work fine.

A better alternative is to induce them into a kind of payment based subscription Servicesthat is not proportion to number of members rather it's relevance is Based on number of subscriptions.

Turn them into direct marketing related sales companies for the above mentioned Subscription services.

This can be applied to insurance related products.

356) From the said pulsar / light particles that can be emitted a new kind of scientific Clock can be developed... viz. much like the number of ticks ...no of pulsars to Be used for a counterthis would be very helpful for satellites / space stations Deployedand also maintaining a kind of NTP server (time synchronization protocol) that keeps orbiting the earth.

An interesting experiment would be should a space station/device orbiting the earth be positioned such that it never falls in the shadow region, one can estimate The number of pulsar's emitted in a yeara kind of mechanism to estimate the energy capacity / reserves of the sun.

357) Light weight aircraft that can be powered by using engines

- a) used in four wheeler car's powered by diesel / petrol
- b) Glider's that can be powered with solar panels

Note: can be used for orbiting light weight low earth orbiting satellites, which can be used for very communication and remote sensing purposes over smaller geographical Regions.

(In developed countries sesna aircraft are used for spilling pesticides over large areas, since most of the satellites used for communication needs do not weight more than 300-400 tonnes ...a trained sky diver with sufficient oxygen suite should be able achieve this feat.)

Low earth based geo-stationary satellites or remotely manned GIS surveillance aircraft that can have a surveillance limits of few miles or kilometers (usually 150km to 250 km) that can be manned from ground based earth station or a vehicle (refer to vehicles used for unliking based facilities)...that can carry a photographic imagery or ideally a CCT V camera or a telescope of sufficient resolution anchored with the satellite to arrest illicit construction or settlements and also sky based surveillance and monitoring of ground based activity i.e. traffic ...tracking of vehicles ...guarding or tracking say chest or inter bank settlements ...physical delivery etc , for personal security purposes

Ideally these kind of sky based camera's can be used or stationed using ICBM co-ordinates On all important installations and settlements

Microkite (glider or fuel based mini aircraft) based such aircraft ...preprogrammed to orbit or Station at a specific ICBM coordinates and be designed ...some that make use of sunlight all through the day, and other that do the task based on refueling done at ground i.e. they take off to skies from a runway and take on to the ground ...specifically designed for such purposes ideally from ground based earth station's

For telescope's , CCTV camera's ...a aperture or mechanism around the lens ...with apertures that can blow air ...from a Fan (also works as a potential cooling mechanism) ... the air pressure to keep the dust accumulating or settling on the lens

[...also a dripper full of spirit ...with a automated scrubber ...kind of wiper option may be explored]

Also given the fact ...dust or scope for other such material in atmospheric layers given the Potential of placing a CCTV or a telescope of sufficient resolution anchored with a satellite

358) Remotely explodable Landmines/device's made up of alkaline material + CNG or gelatin + infrared enabled WMD with a battery...part of the concept can be barrowed from cigarette lighters that use CNG for fuel and battery power small laser gun for ignition.

Works both ways much like a knifeexplode remotely / trigger a an alert across the continents of a enemy stepping into a forbidden territory.

359) An important exploitable stuff is BPO's for banks and accounting practices to concerns in the middle east.

360) ERP catering to BPO's , while BPO's cater to the client companies the amount of of info exposed / exposure of the ERP Implementations to the BPO's is either limited or has to be restricted .

ERP products that help track the BPO activitywhile they act as kind of partial backup to the original ERP implementation of the clients.

Also these products should act as a bridge to automated transfer of entries from paper form into the ERP's.

361)SMTP for that matter any mail host based email services are unreliable/can be misused as any one can send a email on any domainthis could be a bit trouble some for a lame useras one may need to verify the registered mail host of the domain with the DNS servers....for the authenticity of the mail host and mail sent across with the registered mail server.

Hence the requirement for the verifying the validity of the user on port 25, before Sending across the mail to the mail host ...viz. this means non-existent user no mail Forwarded to the host ...business/other sensitive information is not sent across To the host ...no lost information.

Note: Also mail routing is some what dubious ... as any mail server on the internet Should ideally be able to complete a transaction directly with destination mail host Server of the user.

362)One of the cases uses of cluster based products and load balancing within the applications running in a clustered environment is in a stock exchange based environment,

Where the database ought to be in a distributed mode / cluster of databases where The transaction sizes ought to of the small sizes say a fixed number which can be Mapped to the lot sizes (well which can be fixed to A practical limits as may be required) also called lot sizes.

While the number of auctions / sales that are available can be polled and displayed all transactions can distributed among the cluster with a traffic load balancer.

Additionally a cluster can be implemented within a SAN environment viz. a network that utilizes fibre optic cable based switch ... to improve the network speed, these switch's also offer TCP/IP support ...viz. currently these come with a web interface with a embedded web server's and interfaces for lun management, these can be extended for full-fledged TCP/IP transactions.

363) OOP's stuff

All the finer things about c++ lies in its friend functions and dynamic binding...and the person who reviews the code and check's in the stuff into repositories.....for the geeks who want to fight hacking, and hackers who super impose binary code(while binary size may solve the problem to an extent with suggest enhances as above , I guess I have given enough scope/room/ requirement for rebuilding these applications including ,ideally a compulsory use of md5 other tool for enclosing a signature(for embedded apps this may be tough call ..at places like mother board these can placed such that instance of BIO'S are never updated with out a match from the vendor kind of skeptical.)

A secure system means more robust applications ,even a minor piece of dysfunction can toss away the whole system ...needs to very carefully be handled in embedded as well as ordinary applications.

And gullible users who install service packs and accessory code from unauthorized /open source /non verified web mediums.

A possible solution is signature matching/verification for all modules, while the overhead being execution time.

An additional possibility being ability to cache pluggin's ...that can be downloaded and reused with a expiry date,for instance java requires many a time runtime code that ought to be downloaded each time.

Now for scenarios that require multiple call's to subroutines caching these routines and including a buffer period of expiry would be ideal.

364)In most scenarios viz. say banks financial institutions, public institutions (viz. governments, NGO's nodal agencies for that matter) all concerns where ever data is of sensitive nature(including correspondence/email, other sensitive data say financial statements etc), while the users /desktop's data

is sensitive viz. not to be made accessible to any one including a system admin on duty, based on circumstance ...one may need to trace the activity / data on a particular machineviz. hence a centralized high end, backup using windows replication into a high end storage/data device (could be a high end array's / could be just another host with comparatively large storage attached, as offload times is ideal.

An important / vital missing element in a supposedly reputed corporation Where are for some reasons beyond explainable ...I was tried to be implicated.

The funnier aspect being.....this company provides the back solutions to the Enterprises.

- 365) Suggested some time back that money / funds raised out sporting events, be utilized for charity, pensioners funds, calamities, and as described above for compensating sports person as well as betting in a transparent form over listed stock exchanges...viz. this is valid and legal in my opinion to support,

Events: where Airtel credited free charge time on their SIM cards....on the Runs/wickets scored by a sportsperson.

Healthy competition for corporate's to compete for participation in the Sponsoring events.

- 366) A web utility to extract all the specified email id's / contact numbers classified by telephone/faxthe web documents could be any viz. xml document easy to parse / extract , a plain html document ...that needs regular expressions.

- 367) Between all the tax concessions being offered in India , a housing loan offers the maximum tax benefits, and for NRI's a equity based life insurance may offer most attractive returns, similarly while the 10k policy of tax savings cum pension doesn't give any tax benefits to NRI'sone can subscribe to as many policies as possible to have maximum pension.....added advantage being one can remit their premiums online, remotely through utilities like remote bill /online banking payment methods.

Hence the requirement of insurance associates (usually those with minor equity Participation and trained in the subject matter, to market the products among NRI's).

Note: Ideally speaking an Insurance Policy / endowment/ Pension Policies are Require in communities where there aren't strong family bonds existent Viz. usually by the time parents attain the retirement age, ideally one Or more of the grown up kids should assume earning a livelihood to Support self and parents.

- 368) With Increased Bandwidth connectivity, India/china/russia with its large pool of technical manpower offers cheap web hosting solutions, what more with accent trained by many westerners, there are many content writers to help get a professional websites, sleek catalogues (viz. print, advertising mediums it is to be noted that India based Advertising and PR firms have be gaining international accolades consistently in all international contests say cane's) done a throw way price's.

- 369) One of the hindrance's usually faced in outsourcing network management, is is outage of equipment /server etc requires an expert technician (a qualified network administrator at the site), ideally to minimize cost one technician at each location is fine, know in scenario's such as web farm's etc troubleshooting equipment can be a problem as the expertise of the field technician's are at most time's limited,

to handle the aboverequirement a network(TCP/IP) enable handy cam that can broadcast live image's to a remote call center, by a field technician.

Enabling the experts to get a feel of the scenario / to be in control of the remote Center.

370) Much like the feature that credit cards offer viz. some/most companies allow switching of credit/loan's from one company to other company,

This kind of feature viz. ability to switch the life/business insurance from one company to another company would be a great , can be beneficial to individuals / business entitiescan be crucial in managing properties/ability to retrieve credit extended and other business norms, face uncertainties etc.

This could be particularly helpful at time where people/entities involve in taking Counter contracts, by accrual premiums say ...in a recent scenario's I observed that LIC Corp of India ...indulged in opening a policy called a jeevan saral with premium's as low as 1 rupee(usually the route taken in these kind of activities is either through group insurance schemes or holding of equity in some or the other forms of a firm or its subsidiary) , Insurance essentially if one under stand's the term coverage of life of the Life / live 's assured.

Also one need's to keep in mind, the equity holder's when subscribing to a Life insurance Policy, this means/could potentially have implications With respect conflicting interests of the policy holder and the company that Issue's policy, hence one ought to be very careful with respect to subscribing to a policy.

Also policy holder's should be aware of the following facts.

a)The company has a right to dis-honor a policy claim on the event of the death happening because of facts contrary to the facts declared in policy offer document.

Pertaining to the green card holders/a citizen residing in a country abroad ,one needs to be aware that a state can claim the body of a dead person should it requests so any / all agreements stands/remains valid.

One of the specific reasons for which am looking forward to for a legal agreement on a valid stamp paper preferably from NATO /US states.

On a additional note on all bank transactions viz. checks issued for clearance etc, It makes a logical sense for the checks to be stamped with timestamp or be accompanied with a acknowledgement letter by a concerned authority and counter signed by the issuer

On a additional note making purchase of stamp-paper online ...online payment ...and deliverable via. courier or a postal service as may be the case applicable would be a good option to be retail-able ...this also offers a good case for vending official stamp paper ...from reliable means ...trademark registration ,patent filings etc.

371) A timer operated exhaust/suction fan's(not sure if fins ought to be modified/aligned suitably) that can spin in both directions , requirement: For instance most tree's surrounding usually release co2 in the evenings and release o2 in the early hours of the day.

372) A USB cable based cam (very small lens at the beginning of the cable, the size currently being used in dentist's equipment) that can be used for endoscopies / ANO scope / colon scope (an instrument to examine rectum and area further up viz. intestines.)

373) A problem faced with most hex debuggers. ...and a difficulty for most programmers to debug is locating the error in the programmer's code.

One of the ways to make it easier is ...when the source code/tree is located and version is custom compiledsince all corresponding modules/libraries are located at one place, it should be possible to pin point the exact location(func /lib/file) of the error code viz. much like the java's byte code to source conversion....also called

de-compilers,

but unlike the byte code it may have implications with respect to the memory model used and also the binary compression usedshould not be a hindrance with reference to a local repository], one the reasons for java to execute on all platforms/architecture, and a case for JIT compilers for speedier execution of code.

One should be able to understand the scope and breadth of a script engine from the above.

[Also note at times in production environments, there may not be sufficient time to recompile the whole code and the environment up , the temporary solution would be to modify any potential bug use a hex editor ...though it is all about trust!!....and few other things disabling few potential alarming stuff on the OS ...trigger a panic of attack]

- a) Additionally for programmers those who use scripting / for web based applications, one may use encryption for scripts as described above
- b) Also on an additional note with a plug gin /option on the web browser with PGP like functioning only scripts from recognized websites with permitted signature /subscription can be allowed for execution (this is addition to the default security provided most web browsers)....should be applicable to granting remote access to hosts also.

374) In most budding enterprises /concerns where there is cash crunch/firms in the red specifically pertaining to FMCG/pharmaceuticals/raw materials establishing a distribution/sales channel could be expensive ...one of the ways to do this could be sales/retailer network that involves commission based push network where the parties involved ought to make a guarantee deposit against the goods (varied based on the nature of the goods), while this should ease financial burden on the companies, with incentive oriented push should be attractive proposition to all parties involved.

Optionally the below means may be applied for the concerns mentioned above.

(Managing large concerns has always been a problem, Best Means to handle such Concerns is taking a leaf out of the partnership firms, where in the concerns take out an IPO and majority of the employee's are those who have an equity Stake in the company(practice should work good for the following sectors Insurance, marketing, retail sales(where in right to sale of the goods from the Concern is awarded to retailer's only when they hold a equity stake.)

The above concept / idea can be usually also marketed as an associate (the individual Concerned) of entity with the associate hold a equity stake.

This can be used as dual tool viz. thus the profits in company are limited to Extent of equity held by the company / only individuals holding equity in the Company are permitted to market the products/services which can be sold Depending on individuals capacity to market/contacts that leaves him with the scope to earn as per his capacity (this works better for entities where products/services sold are proportionate to commission).

Well the above concept works well based on the idea that salary/expenses incurred are accountable within the partners (making the salary component proportionate to sales achieved the more you sell the more you earn....also one of the mandatory thing being those taking up the job have the risk of having to invest money as part of equity in the company ...hence results are usually expected/employees also called partners in this case are expected to be responsible)

Insurance products are a good case of example here (Well this should work irrespective Of race and creed , at least in the case of insurance products nobody buys the product Just because one is a relative/all transactions involving immediate relatives should be Banned)

- 375) Chess as an online game can be enabled to be played based on the keyboard, which uses the natural syntax notation of the moves to played use either of the notations viz. algebraic(notations contains description /representation for the type of the element/piece) as well as short hand notations(generic involves piece move from position to position).

The above are traditionally used to document games/moves/steps by players...the same can be used for playing the games online with a keyboard. eliminates chances of errors committed with a mouse (drag and drop based placing of a move)

- 376) Flavored (concentrate/ other forms) aerated/carbonated water would be a good marketable commodities a decent alternative to soft drinks.

Also adding carbonated water to pulp extracts from fruits makes good marketable Offering at ready to serve restaurants and in packaged form.

- 377) Much like the Image based Ad's being run on the most websites for advertisements, a http downloadable fixed area http URL(can include forms/images/all stuff), much like the ad serve(which only accepts images) object being promoted from Microsoft stableURL's that fit into window panes / Iframes advantage subscriber's while paying a fixed amount of money for the period mention ,shall have the ability to control content of Ad's from their end.

Advantage: Should these be Http forms (email/other basic data collection required) do not require http redirection/ change of attention from the initial website.

Get freedom from image clicks and popup windows, shall no longer take away your users from your home/host website....one of the major headaches currently being faced by companies/concerns in spite of spending huge sum's for attracting target audience in other mediums.

with a PERL /other utility verifying the content of the AD page ...the above is secured for sure...viz. it ensures that no JavaScript / vbscript based pop-up's are embedded.

- 378) A inverted cup (for instance tea cup) kind of navigation vehicle in atmosphere, it is contrary to popular model/shape of the craft being used in the aero dynamics , This is how it works,

consisting of small fins/turbines all over the surface/exterior of the body, the sucked air/ suction of air is channeled to a compressorwhich are located at the base of the vehiclewith apertures/channels for exhaustion of these air/gases present all over the body (regulated by a software) is used for loft/lift/direction in the air the idea works based on the fact that gravity decreases as loft increases and hence the amount of compressed air / fuel requiredand as one is aware once the body reach's a lift of about 400-500 km above the surface of the earththere is hardly any resistance required and with apertures present for exhaust on all over the bodythe direction of travel of the object can be achievedsimilarly should the object make its way into spaceone is aware with the initial momentum acquired there is no way one can stop the object from its acquired path.

Making the flying saucer's a reality...additionally after achieving the initial loft required with the saucer partially having the required / fitting with shape of the object of the existing model's in aerodynamics the above should be possible.

Ex: A pilot model can be that of a balloon (instead of a hot air ballooning), a generator/solar panels that are used for powering mini turbines in lieu of heating the air can be built On the above model (needs modification amply as described above) it works on the very basic idea ...viz. blow air to the fullest, In a kid's balloon ...and see what shall happen.

Note: similarly the solar panel laid surface can be used with heatersas has been the case in hot ballooning .

- 379) How to write a page navigator for web/ 3 tier architecture (Building a DATA set)

Useful for all kinds of reporting tools / utilities viz. ERP's , CRM's , websites etc

Create a database view of the data required to be displayedcan be from single / multiple tablesno for the data to be displayed page wise ...ability to move from a data set to other data setone need's a unique identifier for each record.

Should it be difficult / not possible a view create a temporary table with a unique key for the data mentioned ex: identity / sequence idany other as the case may be.

Determine the page size / data size required to be displayedusing the above build A query string that fetch's the required data / rows viz. numbered 'from' to 'to' Since in any given context one is aware of start point and the endpoint , no of the records to be fetched ...the data to be fetched using a SQL query from the table is possible.

Now based on the context and the utility being usedif using a raw string of data being fetched from databaseone can parse it based on the newline separator (viz. PERL /python/ where ever regular expressions are supported)if using a tools like asp/vb a basic record set object should suffice which can be populated based on the record navigation.

For optimal connections encapsulating the above query into a SQLclient , with most databases permitting thousands of concurrent client connections....should give optimal results , more so ...for instance in web interfaced applicationsthat has multiple clients accessing similar data, a cached object like temporary table in the database makes a better sense....as the cached object is swapped out of the memory no sooner than there are no more threads accessing the object.

A client-side cursor being a query able data ...i.e. a HASH in the context of PERL ...population of a table or its subset from a Database ...local caching or remote caching of data ...scope and use of DATA :: Dumper (while the nature of such data itself is dependent on the nature of the data ...static ...dynamic ...) ...given the underlying nuances involved ...ideally and optimized means ...fetch the queried data to be populated into AWK query able table (cache)

...and also Perl routine that populates a HASH from reg-exp (keys and values)

Ideally a AWK ...PERL (HASH) query able structure (dynamically loaded HASH ...a faster query able structure) in the cache ...resulting from a SQL query from database

380) When running systems/hosts on a public network it is always safe to bind all the services on the host on to loop back IP, this prevents any intruder from taking control of a host easily ...for instance when using ADSL modem's etc host's are assigned static IP, using the IP address as is lets other's within the subnet snoop on to your packets...which cannot be prevented ..., in Operating systems like windows where computers can be grouped in to workgroup's ...the above is a recognizable problem ...as one may access services/ resources by being a member of the workgroup.

Hence the requirement for a daemon that route's/map's the incoming request's on a public IP to the services running on a loop back IP(this should be the practice even on a private Network, having a private network allows ...interfaces for management secure in large Data center / remote network management issues....it can also be configured with a Interface from one bound able IP to any IP ...kind of high availability/mirror stuff can be achieved by broadcasting to Multiple IP's out which a host can be configured to respond service requests.)

Note: This fits well with a packet / layer as described above to set standards for a new /improved communication protocol....for Internet /Electronic Medium.

[Most IDS require corresponding ports to be opened on the router/ids to able to serve the TCP/IP requests to/from a host , as most routers can cook headersa single port kept Open on a router/ids that parses the headers and forwards the requests to appropriate Port on the target host should suffice(while doing/ incorporating the same at a layer Level redefines the whole gamut of programming ...ability to avoid the limits posed by The number of ports that a host can service and also the number of ports on which the

Host has to monitor for incoming requests/intrusion detection.]

Note: alternatively since most services viz. mail server /web host /database hosts etc other Services are for reasons of load balancing and other issues run on independent hosts, One of the alternatives of exposing these services at router levels is to directing incoming And outgoing requests by parsing headers which consists of port numbers viz. redirect all requests on port x to a specific host (IP-address mapped to port numbers kind of ackle) much like the how services are bound on a inetd daemon on a Unix host (viz. which forwards the requests to specific ports).

As indicated else where in this document ...by delineating the concept of binding to ports On a IP address in TCP/IP Context ... viz. by enclosing the port number in header (a independent layer)...a single service/process/daemon should be able to handle all the TCP/IP requests....viz. a DNS based naming system of the services should also supplement What is possible with the old WINS (the NETBIOS based services on windows and novel Platforms) ...except for a few potential drawbacks that may be posed due to DNS (the trust worthy ness of TCP/IP based communication as the case is dependent on routers and their BIOS/IOS ...guaranteed as long as the hosts along the route are tamper proofand a malignant network in-between servicing the requests.. political ..other turmoil

viz. the amount of effort needed keep the scale of operation ...while the author of this bio-data does is a living example of absence of such a medium of expression ... while existence/presence of this medium as late as 1998 didn't help much though personally.)

Advantages : Less memory foot print ...as on date for every program listening /servicing Having had to bind to port and be active...occupying portions of swapping/ Virtual memory ...existing most implementations of TCP/IP give the ability to Service a request on a port ...to the best of my knowledge requires a Independent process occupying the memory.

Alternatives: A central daemonthat services the request by loading shared libraries as the Case in unix ...but this may no be the case with respect to databases)

Ability to start/stop services by the central daemon/process handling TCP/IP requests as is the case of a inetd daemon in unix,

but with alterations viz.

Make use of a forkstart the services based on session state of the service (stop if idle / no incoming requests)...while binding is optional , using pipe in combination with 'tee' to solve the problem of redirection of the appropriate packets to the right process handle....one should be able to understand the concept by, partially looking at the implementation of MYSQL databases

For instance implementing a instant messenger in the above manner should be very helpful (not a shared host/public computerideally a laptop kind of scenario).

In Addition to the above for scenario's of high availability / communication between subnets/hosts spread across internet , for trusted communication a signature say kind Of manually (using jumpers ...much like CPU form factors are being set in mother Board being shipped today) /through software set able a signature (algorithm can be Chosen ..digest method ..etc as may be necessary)based upon which all communication Both incoming/out going to specific host/subnet can be dropped.

This should give the necessary infrastructure in place to operate upon products like trusted Solaris / trusted oracle over remote subnets using internet (ideally over leased line and Additionally encryption can be done with the signature using digest/PKI kind of stuff).

It should also enable development of secure products using sockets which can be guaranteed for security of theft of information ...viz. software's that run on a single host or spread across hosts within/across subnets.

It is to be noted that a PROTOCOL being a standard ...for compliance or communication, the above scheme of implementation of port number as part of a layer ...instead of socket binding ...lets or reduces the complexity of any software product designed ideally i.e. number of Protocols or standards to which it has to adhere to (network monitoring for instance ...the scope

of complexity and comfort-ness being a matter of choice the argument is variable ...a simple DTD complaint data should be ideal ...where as when it comes to embedded system the Schema as envisioned in snmp sounds good)

Implementing NAT by a daemon on the router that can understand or is complaint With XML-RPC ...with embedded xml carrying the required port number ...on to which the session is to be maintained both tcp/ip and all protocol complaint ...all socket level communications could be done as usual with binding on a specific port that is opened on firewall ...to enable communications across networks , product installations (specific nuance being that most software products bind to a specific port ...and the fact that existing IP ...has been well architected ...from the point of session handling by a single process or thread)...the fact that most routers implement NAT and are capable of parsing regular expressions ...the above should possible ...also the fact that a router is just another computer with sufficient memory ...binary extension that is capable of parsing XML-DTD-DOM ...costs less than 1MB of BIOS space (compressed ...existing routers can be updated with a newer version of BIOS ...or as QOS ...can be shipped hard coded on to silicon wafer) ...referring to several to xml parsers available around

It may be noted that the daemon ideally needs to parse a xml dtd with basic communication viz. port number , remote-host-identity in the remote network, hence the required data can also be encoded in end to end communications of the software products at header level of TCP /IP protocol stack on the port open for communications on the router in the macro language interpretable or parse-able by the router as such given the nature of NAT and a router the said data can be added to headers by the router as well, hence the choice is a flexible approach left to software designers to incorporate it as part of the product or configurable at the router

opportunity : a port allocated on a firewall ...that lets multiple product suites or class from a company ...pass through the firewall ...while ...the port it self is not opening for a two way communications ideally ...all ...product notifications ...crashes ...also product updates ...where what is termed as SLA's are in place

simulate or encapsulate a inetd daemon ...on a port in each inetd daemon viz. inetd daemon simulates various ports on a network card ...hence deriving simulate ...multiple ports or threads ...on each port to handle session or thread

i.e. simulate multiple ports on a single port ...this daemon may ideally be integrated or socketed on such a port kept open on a firewall (secure or DMZ as may be termed) ...achieve the required viz. those looking from outside the firewall can only see a single port ...while the firewall or router simulates kind of NAT ...on to multiple ports ...i.e. hosts and applications within the DMZ ... see multiple ports or routing on the router takes care of outgoing requests from multiple ports or session management ...from multiple hosts and ports through the open port on the firewall.

Also to be noted ...various rules that can be place or applied on some version's that enable or let regulate tcp/ip communications

The above offers scope for monitoring ...data-collection ...session management across a WAN

The above fact ought to be noted that unlike the standard practice of a packet being broadcast to multiple hosts (with in a subnet ...few nitti gritties of NAT), the above involves session management and broadcast of tcp/ip packet from a port on firewall to different to ports (potentially) on different hosts ...and also a client application using a port on a firewall (it is to be noted that port on which client application binds itself is potentially different from the port through which tcp/ip datagrams are routed beyond the firewall i.e. while all the client applications are written using standard protocol (i.e. no overhead client applications) ...on the router or firewall ...data grams from different hosts and from different port numbers can be bunched together to be routed through a single port

(refer to what may be termed as access lists , port translation ...few measures used on firewalls ...given the complexity also refer to the potential scope for changed in

the manner in which headers (tcp/ip) are cooked ...given the scope of NAT ...port translation in addition to address translation should be a viable option)

In the context of the above it may be noted that as case may be tcp/ip packet ...given the fact That every such stream is has destination ipaddress ...and in turn port number ...ideally such inclusion of a port number in the header may be obviated as any one dealing with a low-level programming interface is aware or can address port number i.e. binding to the socket hence such manipulation of port number can be done either at port open on a IDS or at networking driver module(configurable) ...to address above such situation

In addition given the above fact ...making use of productid instead of a port number on packet stream ...viz. productid can be translated in to the appropriate port number on IDS or router

Given the context ...threading model (posix ...java etc) ...i.e. a individual thread to handle context of communication or session from a software application(productid)

Also refer else where in the document for more information that may come in handy or which May align with the above concept

381) A laser gun (as is used in fiber optic's based communications) can be used for auto ignition in vehicles, for auto ignition in portable to giant gensets used for backing up supply of power/electricity ...the above ignition key to be powered by battery ideally to replace /add additional functionality to the vehicle lock being currently used (well to be precise import /mimic the functionality present in 4wheeler vehicles to 2wheeler's and genset's .

In general the concept of a kick-rod as used in mopeds for triggering ignition (spark plug) in vehicles can be used in generators ...similarly a concept that makes use of triggering ignition in generator or gensets ...that make use of string or a pulley over a spark plug can can be ported to two , three or four wheelers as the case may be or as a additional interface

382) Most of Many accidents and errors happen due to many reasons for, one of the ways to improvise or enhance is,

Much like the equipment being used for virtual reality 3d stuff, a gear i.e. that can be worn on head much like spectacles or a helmet , to pilot can be added , viz. the pilot instead of viewing his surroundings with naked eyes he watch's surroundings on a 3d projection(captured from lens much like that from a binoculars as mentioned else where in the document) ...this can be recorded in-flight , should be possible to do a live upload of the data via. Satellite to ground personal can get a live hands on grip of a war scenario ...also creates a recording of the data much like in a Black Box , should be applicable to even commercial piloting.

This equipment should also come in handy for bomb disposal squads.

The same can be used for creating a database for a artificial intelligence based Navigation systemfor plying on different media of travel (viz. systems record From experience ...can be termed as artificial intelligenceas per any decision Tree....hence in future can be used for driver/navigation / a possible aid for the Blindin addition it is to be noted that existing 3d/virtual reality based equipment For stimuli has the necessary equipment to fill in the gap. Hence a robot /automated Artificial intelligence driven vehicle can serve the purpose.

It is to be noted there is yet to be robot that exploits the traits present / being currently Used in virtual reality to get stimuli, hence a marketable product in many an industrial to practical scenarios.

Note: The requirement for above compass ...that can give it's current location with a Digital interface and also a object or flight in earth's atmosphere being track-able While in vicinity of a geo-stationary satellite or a ground based earth station viz. aerodrome's or other satellite tracking monitoring stations.

using a camera ...in a vehicle (say weather data , GIS, land surveyor data collection from a unmanned vehicle ...air or (land based ...traffic and milli micro seconds of delay in traffic may be of cause for concern) ...kind of flight simulator ..viz. a moment

or course of action taken by a remote individual can be mimicked by the vehicle unmanned

...for instance Antarctic stations offer ...good scope of such unmanned vehicles ...so does
...a similarly designed object that may help mountaineers...alps, Himalayas etc

- 383) Similarly should Natural gas/petroleum based derivatives being renewable used wisely and also existence of fuels viz. are biological products (produced through commercial crops) , and also should the sea based aquatic life forms be allowed to grow ...making it a renewable source.

One of the reason that make defense industry languishingthe aircraft used for defense purposes can be suitably modified ...for civilian / high net worth individuals for personal use(disabling / removing warfare systems).

Should work out to be viable as illustrated else where in document, and also depends on the kind of economy being promoted globally (well a cut in the passenger based fuel consumption segment should do the balancing act)....I not disregarding the fact that aviation turbine fuel belongs to a different segment altogether to given the existing pollution emission norms for the passenger car segment.

- 384) With a scanner based reader for currency notes (either magnetic ink based or ordinary scanner) ...currency note sorting(type of the currency note encoded on currency notes)hence it should be possible to accept currency deposits in ATM's viz. savings account (being the size of deposits being small)note by note insertion(based on a roller drum) it also includes rejection of these notes should they not match the criteria hence options to cancel the whole transaction/redo the whole transaction, confirmation of the scanned note and hence secure and guaranteed receipt of the transaction.

Scenario: Since these transactions would usually/potentially be time consuming can be Permitted off business hours.

- 385) In most IT services companies installation of software's is cumbersome some ...so is locating an appropriate dump of the software , locating the dumps of the software's on a central host (could be CD's) ...providing a http interface (links to catalogue's) so as to enable installation not download would be ... a nice to have utility.

Hence the requirement for ftp kind of server that comes with a log host ,

Viz. a cross between ftp/http, with a logger (much like the unix logger daemon) With a utility that can install the software on the client while creating a log on to Server hosting the dump(for auditing purposes)additionally the server should Have flexibility to add new software's to its catalogue.

Easiest solution would be to create a XML based catalogue (data islands containing Information pertaining to location, setup utilities) to software dumps which the Client utility pick's up and executes in the client host's context, while creating a Log on the web host, this partly mimics the functionality of the Build /release Being used in sync with code check-in repositories.

The above should also offer a better means of software updates being offered to Clients viz. patch's etc.

Note: While the server can host binaries pertaining to any architecture, the client binaries can cater to the specific platforms, this should also Solve the nuances of build download / installations in many a QA environments as well.

- 386) Many a times most people adults neglect won't cater much time to physical exerciseseither due to lack of time / lack of a partner ...these can be exploited as a business opportunitiesespecially in large malls etc where people come down for leisurespend timeexamples TT/basket ball/shuttle etcthese can be clubbed with movie theatre's etc ...where there is a lot of buffer period or waitingon a token system/payment ...ancillary

services In fact these can be packaged into prepaid token kind of system that can be spent on various activities of malls.

- 387) Drilling a tunnels into mountains/mines is risky involve labor casualties...many a times mole hills can crash simplest way is to use a heavy vehicle with a spear head (a wheel to drill into the mountain) infact with the presence of technology these can be automated to an extent using embedded/computing systems.

Dream to see: London to Tokyo connected by Road that can last a zillion years.
Cape of Good hope / Cape town connect to Istanbul by Road.

Rail Road connecting Jordan to Dilli (Delhi) via Baghdad ,Tehran, Peshawar with existing running functioning route from Delhi jhalundur Peshawar

With road ways from Tibet ...via... Leh to Tashkent

A road/Rail Road ways from Rangoon(Burmha) ... durbangha(Assam) Dhaka to Calcutta.

[
With military bases in HYD(India) and LEH being better strategically positioned than AfghanistanNATO/UN

].

Stone/rock formations being a limited resource ...explosion in earth's crust to extract magma ..and hence rock formations can be done/arrived at, while this is the case scenario ... rubber ...viz. recycling / vulcanizing of tyre or as is the case in a sand paper ... combination of sand and rubber ...can be used to develop structure's sufficient enough to support friction and hence ...the feasibility of using the same for laying or supporting road based navigation systems.

Several metals being widely or abundantly available ...iron , copper being one Some them ...sand being a widely available ...apparatus that can mix the above in right proportions ...that can be used to lay the such in viz. metal ...in liquid form or develop ... slabs of appropriate proportions ...that can shipped from a manufacturing plants (these ... can also be used elsewhere as part of construction or building structures or come handy to a civil engineer)

Such blocks being susceptible to degradation by oxidation ...either use pigmentation to Generate non rusting or alloy not susceptible to oxidation ...or use polymer coating ...carbon derivate to prevent exposure to air and hence prevent oxidation

While laying roads ...pathways ...or similar structures ...making use of the equipment used by land-surveyors ...to measure elevation of soil ...would be a good idea ...also ensuring that such structure i.e. roads ...pathways are concave in nature ..while being layed out ensures that water gets seeped easily or doesn't get stagnated ...while it is to be noted that laying such structures in regions or geo-graphical areas is futile (which gets eroded seasonally along with dependent rains ...that give recurrent revenue and work functioning governments or people in power)

- 388) In Many a International airports or aerodrome's other sea based terminal one of the draw backs is commutation from one end to the other end.

For instance say The Sahara International airport in Bombay operates a domestic terminal at one end and a International terminal at the other end , the major Problem usually faced is commutation from domestic to international terminal.

Possible means of handling such scenarios

- a) use a small train as used / operated in circus.
- b) A kind of escalator/tram/cargo trolley (used for delivering passenger cargo), This should ideally can be used along with containers usually used in shipping, cargo delivery vans, air freight

- 389) Most mobile no's Support wml , one can download/browse to a URL, the reverse of this should also be possibleshould the user choose ...ability to redirect to a web URL which support both wml / html based on the client request.
- 390) One of the versions of PHP allows execution of unix system calls/commands, since PHP supports command line interface and web scripting interfaces, one ought to remember which kind of request should be allowed based on incoming requests from which protocol.

Based on the settings one can choose to disable set of commands executable , enable Standard Unix authentication over secure sockets/ signature matching based sign in as described above in one of the options.

This based of a personal experience / bug that I had devised(problem this can go unscathed being requests from http are optional to be IP logged, unfortunately the Purpose the reason it was devised seem to back fired...flocks took advantage of Life insurance subscription.)

This should allow a proper / standard solution for remote management of hosts / said Remote control panel for virtual hosts/users.

A modification at engine level should solve the problem.

- 391) Should a satellite based system be available a few hundred kilo meters above the earth it is always possible to trace the exact longitude, latitude of the current position of a object (a plane or a missile) in earth's atmospherebased on which one can with the availability of automated navigation change or remotely man a vehicle in earth's atmosphere ...hence the possibility to hit a target with utmost precision, additionally one needs a ground based WMD device for a near 100% precision.

Note: A compassthat can return the current coordinates latitude and longitude using a digital interface

The concept as used in the TV remote (television handsets) ...termed Infrared may be applied for the above (magnetic pulse or radio frequency) ...refer else where as described in this document

- 392) In most Desert /Loose Soil/Area's closer to river beds regions it makes sense to construct buildings/ structures using steel blocks (Plug gable / Dismountable) with Float glass for covering/walls , this should ideally stand advantageous to the nature of soil and also give many structural advantages.

This should be helpful for the services (army/military/navy) sectors ...ease of use in conducting mock exercises , trade fairs/exhibitions etc.

The above also applies to regions where there is excessive rainfall/snowscores over the concrete structures(life expectancy)....while it is to be noted about the amount of weight / pressure bearing nature of the float glass vis a vis concrete structures ought to be taken into account (particularly where there are excessive snowfalls, arrangements such that none of the above weight of snow is borne on the structure as advised in this document else where should proper heating mechanism is put in place such that snow slides over with out being a over load to the structure.)

Scores better that wooden / metal structures used in country side in many snow prone Countries.

It may be noted that float glass based enclosures (used for all kinds of purposes) offer better and safer option ...not only because of durability ...given the nature presence of metal ...and nature of glass ...it offers better resistance and safety net with reference to explosives and other objects (fire crackers or other tiny objects that can cause impact with reference to momentum ...viz. Bullets etc)

- 393) One of the reasons effecting defense or fighter aircraft sale is misuse or flouting airspace norms, this can be tackled in the following manner, viz. when a airspace

norms are flouted based on longitude /latitude co-ordinates, all the subsystems of an aircraft can be disabled. The same is applicable to coast guard related activities.

- 394) Harvest drinkable water from water vapour from any kind of source of water. given the conditions in the most parts of the world this kind of apparatus should be helpful.

Also note: On ships / etc on travel to high sea's while carrying large amount of fresh water can be advantageous vis-a-vis density ... but the above should offer a perennial source of fresh water with sufficient number of solar panels in place.

A form that can be made accessible to common man can be derived from a pressure cooker, while source of heating can be any, ideally a coil based heater suits the purpose well.

- 395) While this might sound a bit mean to mention in a document such as this but it is worth while mentioning while it is possible to malign a document by laminating it (it is impossible to undo the lamination for any purpose), there are polythene cover/envelope's to enclose documents that can be sealed (serve's the purpose much like lamination) Flexibility being this can be undone and the original document retrieved as is any verification purposes (documents like identity cards, certificates fit in this kind of purpose) this can be done with equipment usually used in convenience stores for packaging/sealing of merchandise.

(While this has been noted here for the purpose of enlighten the purpose rather than to profit from and there are many scenario's in day to day office to official purpose where documents need to be preserved for long period until they see the light of the day for a official approval /passing of a decree kind of thingsthis is helpful for above kind of situations, may be applicable for manuscripts as well.)

Oddly as it soundsthere is nobody around in the market to exploit this concept/solution .. Being a first time innovation.

- 396) Most retail outlets for refueling in major cities can be used for market research activities, usually due to the nature of the queue's and other traffic's usually found /time consumed to get their turn (by using simple to fill in/ tick in forms), also the most of these outlets can reserve a counter that is suitable for refueling /refilling all kinds of fuels/oils for all types of vehicles at a premium prices (a markup on the reserved price), contrary to avoid the usual queues found at normal terminals (This may/ought to a judiciously to be used option as can lead to tussles/brawls and is to be used at premium locations.)

Ideally speaking these refueling units can be modified such that metering/ measurement is done at the point of refueling that can be checked both by refueler's gauge(volume of the fuel) and the vehicle owner's tank's gauge (the contention is where is the gauge located, instead of the main tank at the vendee's refueling point should solve the problem), with the availability of modern sensor based equipment to measure the volume of a liquid.

Which should enable one to refuel multiple vehicles from the refueling tanks at the retail Outlets.

- 397) Embedding wireless mobile devices (WMD's) on runway's and using radio frequency in sync with technologies like GPRS can make safe takeoff and landing of aircraft in any kind of Weather situations(also could be WMD's placed on both side's of a runway's).
- 398) With springing up of umpteen number of satellite channel's adding interesting or content that lures audience to these channel's has been a great difficulty, sports or performing arts the scope for the following Best of my knowledge there isn't any none catering to the following (atleast as far as sports are concerned)

Viz. sports being one of a career option to manylearning a sport is not only interesting but also quiet absorbing stuff.

Concept or Caption : The coach with his students under the camera.

A fixed slot with any experienced coach to teach a game, ideally speaking There are many a sporting academies around with kids enrolling for these Sports , any reputed academy can tie up with a channel where the coach

And the students spend their time under a camera ... thus giving an opportunity for many viewers, learner and those seeking the attention of a camera.

- 399) One of the difficulties faced as on date with credit card based online transactions is that of authenticity,

As on date most of the card's have limit of the amount on them which offer some security to an extent to both the card holder and credit card companies (while the existing mechanisms viz. online collection of credit card number or pin number or relevant billing address do not offer much of a credibility).

One of the ways increase the reliability of the transactions both credit/debit card is Since most companies have representative offices or call center's or collection agents in most of the locations where they function.

They can resort to based on the value of the transaction.

- a) Get a confirmation of the transaction to a call back from their call center (on his mobile/residence/office as mentioned.)
- b) Send across a representative for a written signature or thumb impression or consent of the transaction, much like what is being currently handled in all retail transactions with credit or debit cards ...the existing mode of service or added surcharge on these transactions should, Suffice for these authenticity or as also agreed timings or availability of the owner of the Card at his residence or any office as has been agreed upon.

(This also based on my experience to buy a two wheeler on a credit card that I could have had repudiated with in time or a purchase of a TV on credit card that has been over billed in spite of the agreed limit of 51 days as mentioned or a clearance of a check intended for one credit card company that got mistakenly in to some other company's drop box, being billed for transactions that I have never agreed to/ authorized, receipt of payment threats but not card statements at the address for communication, while the credit card itself could be delivered at the address mentioned, and funnily as it happens all credit cards base seems to be from bangalore the citi of mafia's (software and finance dens) as has been the case.

Had been a victim of credit cards from standard chartered bank card no: 4129-0370-8223-5680, on which intimidated to pay up an amount much before the default credit limit extended and excessive billing on 4129058682653130, citi-silver :455038239784005 which was suspended because of a associated card citi-bank affiliate from shoppers stop on which there was no delivery of bill for a long time harassed in pune indirectly, also in some how seems to be related to change of payment gateway services from Citibank to ICICI bank.)

- 400) Oil extracts from edible or non edible seeds refined and blended with methane or ethane can be used or developed into alternative substitutes to traditional fuels. (blending with alcohol gives the necessary viscosity required for fuel injection.)

Off the available forms observed dried coconut flesh (can be grown in saline conditions), peanuts (groundnut) offer most amount of potential source of oil.

Sources of oil: Tropical regions crops can be cultivated, while in colder regions of planet usually fish/sea based life forms had been the source...these deposits accumulated over the years give what has been the sources for natural gas / petroleum.

Note: From above it can be observed that sea water dependent life forms harvest oil in Different forms (viz. from above dried coconut flesh (most abundantly found and Conductive near saline water forms ...marine life forms ...which are rich in oil ...though in minor quantities in each of these life forms)...analyzing the chemical composition of sea water (oil being supposedly a carbon derivate) and also the process /cycle in both fish (marine and fresh water ...oil content...nature of food

usually being other life forms hence the conclusion) and coconut trees (Easy to observeroot.....or other structure...responsible for supply of nutrients for the tree as such), formation of and life forms on coral reef it should be possible to derive a chemical process/discovery of a microbe through which oil can be harvested.

On a additional note ...since most regions richest in oil being stable or still in water (Marine or sea water) ...back water regions(much like a bay or gulf of seas) can be developed to cultivate marine life forms that are rich in oilhence viability of oil deposits over couple of years (with lifespan of most of these life forms being or in food chain of marine water forms minor).

Potential experiment :

- a) cultivate coconut plantations on salt fields (with and without) and Observing the chemical composition of the soil.

In the context of India fertilizer factories being usually found along or closer to the coast linethese can be potentially suitably modified for the purpose.

- b) It is to noted that sea/marine water is rich in algae(it is to be noted it grows at a fast pace...in regions of presence of high amount of sun shine...basic source of food chain for marine life formsand also for the fact that 80% of the earth is covered by marine resources should be a viable option) & microbes , and specifically in the stable / still water of bay/gulf/[back water regions]a potential experiment that can be carried out is heat this density rich water under the scanner of microscope potential secretions can be / may be found or a chemical composition analysis should resolve the issue.

Deriving from above two experiments a submarine kind of a utility can be designed that can filter out / harvest the above from whichthe appropriate base derivative can be obtained / harvested.

- 401) It is to be noted that many online transactions(integrated with banking/debit/credit/other forms of payment services) viz. purchases of services and goods online, of which purchase of services like air/train/travel/entertainment/sports/accommodation reservation can be arranged such that should the transaction not materialize , automatic reimbursement of money paid in advance for a potential confirmation of these services can be arranged.

For instance many a time people buy a air/train ticket in expectation of a confirmation for Particular date for which most them are issued with a identification number , which can used Tracking the above (a opened ended form may not be feasible at all times/always based on Scenario.)

Services which may be of fixed price or as may be the case as is in a stock market scenario.

Ideally speaking a bank account linked service is the best bet for the above, also enabling a the amount of risk(ability to reserve / limit the exposure to a fixed sum as in credit card/ allocate a fixed sum out of the available money in a bank account) exposure to such transactions which are open ended would be best bet.

Note: The craziest thing I have ever observed, a scenario ... is kind of purchase a ticket (say Air line / rail) on a credit card and run around the company that is selling the ticket/ a service for refunds....funny as it sounds contrary to the mechanism of the post dated cheques viz. their encashability etc being prevalent in the market a credit card offers the same flexibility to companies selling the products / services viz. amount deposited /guaranteed on a transaction ...the only week point/ draw back of the credit card services as on date happens to be transactions on the internet using the said pin number, lest all other transactions from a credit card client offers a signed counter proof.

Irrespective of the credit/debit card chosen the above is good service that scores on all applicable scenario's including online transactions.

402) one of the facts that I observed was that while traveling on one of your service viz. Bombay to GOA, noticed that lighting can be arranged in tunnels such that (a array/channel can be made in the walls/sides of tunnel such that all electric cabling/ lighting related fixtures stuff can be made inside the channel insulating any potential hazards....this may require the thickness of the overall tunnel viz. where ever cement based concrete structures are involved /laid (involves scenarios /concrete reinforcements inside a drilled unit/channel into hills composed /those that arose out of lava kind of the one's found in sehayadri hills, konkan railways/express highway in the western region of India (it has been addressed else where in the document on how to tackle the loose soil, Nature of the soil on these tracts that may end up into landslides, caused due to being in A shadow reason that causes rainfall in majority of the year due to winds with humidity flowing from Arabian sea), issues to be improved upon

- a) too dark an array
- b) Improper cabling / insulation that can potentially hazardous if for some reason get exposed can lead to hazards like short circuiting, ex: should some metallic object come in contact with the cabling and car on the track (found several tracts of railway tracts where the distance between walls of the tunnel and the car on the railway tract was Less than a few inches that can be dangerous in the above scenario / situation.

The basic issue observed in this tract I found was the cabling was not properly done, and cars on the track had the possibility of skidding with the sides of a tunnel, and those who may be sitting at the door steps or standing on the steps of these cars while passing through the tunnel stand the risk incurring serious injuries unlike the tract observed from pune to bombay

Note: Actually I guess a layout that was meant for a meter gauge seems to have been utilized For broad gauge implementation at least this was the case on parts of the tract.

[optionally Ideally speaking a thin cable(heating filament) can be used with a float glass kind of a covering for the channel (that can be filled up with gas that can illuminate) an option that can be potentially explored, probably a gas that can be refilled at frequent intervals should it be required ... in lieu of a fixtures that need frequent replacement , also such a channel provides other means / mechanisms to clean up viz. pumping of water/ h2O2 into the chamber/channel to clean it up.]

Alternative a firm L /J shaped hanger kind of a stuff that protrudes out of the concrete structure within the tunnel to anchor any cabling stuff used inside the tunnel should be a better option than Those that use revitting kind of stuff into the sides of the tunnel for a cable.

In a warfare tactics/ bridge /sub way/ or other pathway that need to blocked either for repair or temporary closure , placing / barricading may helps, additionally heavy head on lighting that blocks /impairs a drivers sight is the best means.

On a additional note it is to be noted that the length or the car or the wagon also effects the potentially the speed that can be achieved by a train usually plying on curved or zigzag path ways, ideally smaller the size or length of the cars ...more easier should the easier to negotiate or navigate turns ...and hence scope for achieving higher speeds

403) Irrespective of the circumstances all important contracts/signed deeds ought to have both

- a) a signature of the parties/individuals involved and b) a thumb impression of the all individuals involved.

A signature can be imitated, a thumb impression can always be obtained from a dead person. Both at a time offers security for sure, as long as a individual is not under pressure.

Note: One of the personal advices offered by me , and from a personal experience suggest that It is better off to have a witness signature to be available for all above kind of Transactions.

Deriving from the above the same should be applied for all insurance policies apart from the parties involved in a insurance contractviz. an insurance policy being an important

contract and also to the fact that , a person / individual is at least entering in to such a contract based on the advice of a well wisher.

(On a funnier note I recently noticed that there are stamp papers that not valid in a court called non-judiciary stamp paper.)

- 404) Taking a leaf out of the concept described above viz. letting multiple processes/daemons share port for communication, for instance Unix lets inetd to specify/configure which process is bound to which port , it can be extended such that which set of processes/ threads/set of daemons/services are to share a port(works better off from firewall point of view), and can be configured such that a loadable / shared library / an independent daemon / a master thread takes care of routing the incoming TCP/IP packets are routed /forwarded to exact daemon/service/thread depending on the context.

For information on the daemon/process that is to bound to a network card one may Refer concept described else where in the document(refer to 380).

- 405) Explore the possibility/availability of a warm drier in a washing machine, while most existing washing machines provide warm water/colder water based rinsing , and only offers mostly dripping/seeping out of water(possible by spinning) but there seems to be nobody around who can offer a ready to wear stuff in minutes ... with the availability of a warmer a hot/warm blower that can be utilized with spinner seep up to 95% + of water in a garment that can be readily be used for ironing.

Additionally instead of simply dumping the clothes into the spinner an option to Kind of hang (as used wall hangers) the cloth's in the drum used for spinner when Blower is used (the drum can be kept stationary/the speed at which it rotates can Automated such the air blower works properly, since it is only the issue of blowing the air to the cloth's hung in drum ,kind of mechanism used in a vacuum cleaner to blow air into the drum can be used, with the air blowing through /over a coil that is used for heating

Arising out of this requirement a multi-utility machine that can be used for space Saving with multi functions viz. used as a washing machine as above, a vacuum cleaner / additionally probably fit in a dish washer ...well made up of plug gable / replaceable modules/compartments.

- 406)Most salesmen for that matter brands (Advertising) face the problem of generating interest among their target audience and directing their audience to the right stores where these are sold.

For instance medical representatives pay frequent / recurrent visits to doctors and each visit is cost overhead to the company where in doctors request for Gift to Cash hampers for brand loyalty....which are both accountability cost to the Rep.

One of the best ways to tackle the situation is give the Gift Hampers to doctors /customers, such that they collect their samples from their preferred or nearest retailer available.

This also fits in well the case as described on case 374, actually for the retailer on the street life is as hard as sales men to attract sales, as described in the particular case 374a retailer also gets / is bearing sufficient risk and hence stands to gain out in both ways viz. equity in the company, right of point of sale and hence commission on sales ...and the amount of business done viz. also depends on locality and other factors as described.

Most Public issues don't pose much of a hindrance as they very well present sufficient Scope viz. HNI or sale/purchase to paper work/based subscription ...which can very well Involve sales effort.

Note: The above concept can also be applied for selling newspaper , for instance in India most newspapers (even after consolidations and agreements) cost go well below the cost of newsprint and the administrative charges

Reasons could well be like number games, forcing their opinions on to public easy way(sell it cheap), advertising / sleek PR could have been one of the reasons

for low cost ... While downside / advantages of the low cost exist ... above concept can be applied at a premium for those seeking select audience.

For instance a leading daily from AP is able sell its publications at premium, compared All available publications in the market ... said to have strong hold /grip in the corridors Of power circles and have its say around (reliable news feed from new Delhi, Dubai , London, New York or Hyderabad)

407) Requirements / enhancements to character modelling /animation/walking software

Databank/library

a)emotion clips b) lip-syncing clips(Ideally record a entire language dictionary)
c)voice /accent palette d) Character palette

Scenario:

A few characters performing on a stage...before broadcasting the performance
Map these characters with a few chosen characters / attributes from above set /library (much like how pattern matching and translation works).

One gets a the required attributes ...viz. race, creed, accent etc ...much like Illustrated A production done can be translated into multiple languages, regional preferences

Language translators as described aboveviz. create library of voice recorded dictionary, with PERL REGEXP any typed text can be playedwith precision of accent the reverse is possible.

Also with the existence of text to text language converters in the above manner any plain text document in one language can converted to the other language and hence the language translation of the single document from one language to another language and into speech, the potential of the speech to speech conversion provided precision of accent.

Also with the possibility of fitting in the frames lip syncing from one language to other Language(viz. GUI of the character in a movie ... Maya / mpeg kind of recorded database of the above clip based database and pattern based manipulation of the frames.)

Some / all of the above utilities that can be bundled along with mobile / PDA /other pocket devices that makes the life of a traveler easy (viz. type his requirement in his language of choice ...convert it to speech form in language of the region).

A Dictionary that gives the best match of the meaning of a word(say taking English as the base language) to other languages (one to many ...programming context kind of array) in A XML DTD formatthis ideally be able to drive all the required above efforts.

408) A phenomenon observed in ice frozen caves etc i.e. that of illumination emitting out of frozen ice can be illustrated to radioactive salts.....similarly some marine water base life forms do produce /emit illuminationeither this could in most probability attributed to radio active salts ...ex: star fish I guess radio active salts can be harness from the life forms.

It could also be probably attributed to the fact that some form of marine base life forms are not fit for consumption

409) As per one of the theorem's energy is recyclable.

while oil reserves are limited and diesel sourced ...energy has pollution related problems in most desert to tropical areas ... sunshine is vast ...with temperatures touching up to 60+ degree centigrade , steam engine powered vehicles could be a good option.

This is the case even in the most sea cost areas in gulf ...hence these can be even used to pump water to remote desert areas with enough outlets for water refueling / water replenishing.

410) A opportunity for those adventure/risk takers

A vehicle that can run like a car, fly like aircraft, float like boat take off from sea, land etc.....feasibility all of them require to be powered by a engine a flexibility to disable/enable or use which feature's/ accessories on based on the presence of the vehicle on which type of surface.

411) Many a scenarios in CRM(customer relation Management) , Banking, ERP's where tracking of users / their attribute type's the best possible means is to use unix / windows kind user accounts and user group mapping (alternatively this can be achieved in the database using attribute/flag types).

For instance once a bank account is opened its type can be changed by taking a paper based consent of the user for physical record and can be managed as described above.

More importantly being a current account it has its own risk types with respect to the instruments issueviz. by mapping the user to multiple account type's and specifying amount limits as definedtracking of all user's activities will be simplified, and also scores Viz. with respect to the amount of returns earned on the parked funds (viz. savings gives more returns, while current permits the flexibility in with drawl of funds etc, this scores specifically with respect to instruments issuedwhile the legal aspects of honoring or dishonoring the instrument is same (say a account holder has some 100million dollars of cash it is not necessary that he park his funds in current while he is running a business, and more importantly this may pose risk with respect to the instruments issued.)

Since interest earned is only computed based on quarterly/half yearly / annual presence of funds in the account the above should be feasible.

A point to be noted in the current context with reference to the banking transactions is customer care/online statements/banking transactions to enable check the status of check deposit/encashment/bounce transaction ...while most of the times account balance could solve the problem ...but with current accounts this is difficult ...ability to be able to track each of them would be ideal for any current account due to the nature of the account.

The above fills the current anomaly in credit card/banking systems viz. clearance of checks deposited, for there are clear and evincible loop holes viz. non recording of checks being sent for clearance and verification of existence of corresponding account holder with them.

Magnetic/scanner based verification of existence of account holder at the time of deposit should ideally fix the problem and avoid further lapses resulting out of such a transaction.

412) A scientific experiment that can be carried out that explains how the hot lava and gaseous surrounding the mass , had evolved in to a planet can be observed with the following experiment.

A egg placed in a paper holder(as can be found in the distribution channels in parts of India) the top of a spinning motor (could be much like the one found in mixer /grinder in kitchen)

Observed under the scanner of a light/x-ray, could well be project on a screen ... describes the Spread of yolk with/ over the surrounding egg white.

Alternatively the experiment can be carried in glass/transparent plastic container by carefully dropping sufficient egg white and then a egg with a yolk. (packing it just as the egg is contained leaving just sufficient unfilled space).

(This may pose questions over the evaluation of life on earth and its existence else where)

- 413) Contrary to norms (Animal rights activists) Fur and wool derivate based products are a safe as these can be obtained by shaving of the animal, while the contention is that animal will be at risk with out its fur cover from environment (temperature etc)since most of them are reared in stablestemperature control can be done in a incubator viz. until these animals can grow back/restore with some fur to be able to inhabit in its environmental surroundings.
- 415) Measure the area of bay of Bengal from the coast along kanya-kumari to the one bordering along the Kampuchea and Indonesia ... viz.

Evaluation of the planet earth ... It was believed one there was a huge mass of Land that got Fractured.....ideally speaking if at least for visualization purposes the continent of Australia fits in this slotso is the case of conjoined Eurasia with America's and Parts of European literature speaks about what is called as a lost city the city of Atlantis.

Sampling of rocks on the Indian subcontinent , and on the Australian soil along with the estimates of area of the land could give possible feasibility to the above theory.

What caused the Mass to fracture up, ...part of the possibility could be that with huge amount of ice deposits on polar caps and mountainous regions with perennial rivers posing threat of soil erosionswhich translated in to millions of years could be part of the possibility.

This theory is contrary to the concept what is promulgated as existence of Gondwanaland's.

- 416) Paid SMS based services that offer generic info to boost the revenue of mobile operator.

ex. Road, Rail road / air travel schedules and current status in various categories /classes of services.

Weather forecast and current temperature etc.

An enquiry to obtain list public help line services (say fire, ambulance etc)

List of theatre's available in the current city / vicinity.

Current picture/list of pictures with timings running in a theatre.

Status on enquiry of ticket availability in various theatre's.

Passport/Visa/university/college admission application status enquires.

Courier delivery status enquires.

Similarly interface enquire to examination result declaration services.

(Unlike web based services ...which require synchronous(traffic) reply (except status replies on to email on registration based services....email alerts on mobile devices are possiblethere is a distinction of service and accessibility.)

Since SMS is a queued service(at service provider routable to the host) with a guaranteed reply back.

majority of issues pertaining to service access are better handled.

SMS based access/interface to telephone directories /classifieds / yellow pages, for that matter an interface to majority of services accessible over internet (not same as ability to access internet on mobile devices).

Some / Many of them can be offered as menu based services accessible on Subscription to a mobile service provider/operator OR can be accessible through a third party mobile based service provider.

An Innovative approach and easy to get response from target audience, Advertising / marketing based on SMS services(while a collection /database of

target audience(demographics, other attributes) can be obtained viz. sources credit card, bank, tax /other sources where ballpark figure of income is declared viz. target groups data can be mined / a generic SMS targeting the entire service provider),

to be exploited is REAL ESTATE marketing.

- 417) Most heavy reservoir's (closure of flood gates), metropolitan areas etc
.....filling of overhead tanks / sumps ...viz. measurement of water table

House hold overhead tanks / swimming pools/tanks in washing machines etc

Problem : When should the motor pumping the water stop further pumping of water.

Solution: A WMD (WMD devices presence both in the motor and the target unit) based trigger upon reaching a set target volume.
Remote power off ..feasibility one can refer to functionality implemented In monitor in most modern computers.

A cable that sends back a signal to switch / suspend power once volume reach's a certain Preset mark, the volume can be measure with a touch sensitive strip with a digital reader That can fire the trigger to suspend power, The concept of earthing could very well be used.

Another illustration a fiberboard (on to which a battery powered device is mounted), that Floats on the water ...which slides along a column of wire/metallic rod(hungared / lunge - red to it) used other metered readingupon Encountering the preset volume sends across the signal to power off the mechanism (for More information one may refer to the volume indicator as implemented in say any public Overhead Water tanks, constructed by CPWD India...they use a the kind of mechanism that of a pully).

The above concept can also be used to automate ...filling of waters in overhead water storage (termed as water tanks ...etc) i.e. switching of pumping of water by a pump-set ...upon receiving a appropriate signal i.e. turning off the pumping unit etc ..as appropriate ..may be applied to households , community or corporation entities based such facilities used by masses

while above is the scenario looking for a general purpose ...sensor i.e. that can trigger a alarm upon sensing water or a liquid, say a dry cloth or fabric getting wet , water being a conducting liquid ...discharge of a measurable amount of electricity ...that can be sensed by a WMD or a similar device used for the purpose that can trigger a alarm

Similarly a metallic foil or conducting material that can sense flow of electrons ...to trigger such a event or alarm

Hence the above establish's scope for automation i.e. a embedded system or software application in pump sets usable for agriculture use (for instance refer to paddy crop) , house hold use ...pre-programmed usage of the pumpset ...i.e. trigger drawing of water from a tubewell , duration for which to pump water or other indicator that may used as a variable to stop the pumpset (i.e. trigger a circuit on or break ...to enable or disable the function of a pumpset

- 418) One of the most common scenario encountered at most billing/exit/entry (emigration/security checks at airports)areas is a queue and for Some reason if a customer related transaction is struck as misplacing of a credit/debit Card/purse there is a wastage of time and subsequent customers being troubled, Ability to suspend the transaction temporarily (much like a check point) and proceed With subsequent customer in queue.

Since most of them are implemented as records in a DBF or a database(In a DBF format These are marked as fields viz. but the requirement being the necessity to declare the type And number of fields...hence requirement to create a parent day dbf file and child dbf file For every transaction.....the same can be applied in a relational database.

An ideal way to deal with this in a billing software seems to be use a RDBMS and use Varchar as a field for all item list with corresponding quantity/pricewhich can be

parsed and loaded into the client application.

Since each individual record/field itself is 'field separated' data it can be loaded into a Relation table/ excel sheet any time.

Ideally an excel sheet (ability to import data for any specific period into a book) with REGEXP parser ...with data stored in the above format should serve the purpose and scores better than any billing software available currently used in the market.

A OLE imported excel object with REGEX and backend as a RDBMS database would be Ideal for a billing solution as described above.
).

marking such records with a flag should solve the problem which can be closed subsequently.

This should also solve the problem of unique identity numbers allocated for invalid transactions .

Note: As on date most billing/accounting software for stores (supermarkets , self help store's / marts) etc ...the transaction from a customer being no. more than kind of journal entries, don't provide the necessary reversal of entries, with reference to commodities that are identified with a barcode, reversing of journal entries (viz. the possibility of returning the stock after purchase) should be possible, and required stock check may be performed for all such transaction's at the end of the day.

A potentially ...viable option for billing software's usable at supermarkets, malls ...etc
When dealing with cash transactions ...is for such transactions ...denomination of cash
tendered as may be the requirement in bank transactions (deposit of cash) ...and change
returned may be recorded ...this may be user or customer friendly ...and also tally of
Petty cash in the context of accounting purposes

419) While road tax is a cess usually imposed on most vehicles and most of the times it is On a fixed slab ...a better way of implementing is based on gauged means that is more No of miles on the road more tax one pays for that class of vehicle (this is apart from Stretch's that do require special cess like super high ways) But as most vehicles meters are based gauged meters (mechanical) , it makes sense to add an additional Component to make the readings tamper proof ...record a digital reading since this not A costly utility shouldn't be much of a overhead (borrowed from any digital watch that Can be linked to the traditional meter reading ...a dynamo / battery should supplement the necessary energy inputs), and these electronic devices having the ability to have ROM based last timestamp and last meter readingimposing a accurate fine / penalty Should not be a problem.

420) In most web server based applications a page counter is implemented as variable occupying memory , In most preprocessor applications involve interpretation of Server side code tags viz. involves opening a file on the file system , ideal way of Implementing a Page counter is to just write it into a kind of substitution variable (increment and replace) In the page itself(It could well be for the website itself which come to be that of a root/main page).

Ideal way of implementing the above is small include file which is marked synchronous (in CGI terms lock it with flock increment the counter and unlock it) enclosed within page for the website hit counter and in similar fashion for individual pages).

A counter to a website can also be implemented in above manner in by suitably modifying the configuration file of a web server (ideally applicable to virtual hosts)/ viz. a variable counter that is incremented based on the incoming header ...before redirection to the website.

More than the counters synchronous include file helps share information across

a web domain reliably...this should come in handy for man a web based ERP/ eCRM packages.

For illustration purposes the above fits the GOLBAL.ASA file in ASP .

Should come in handy for database connections that ought to be synchronous and ought to be use the same database at multiple locations/contexts....this gives more control than the said connection spooling/tuning that usually is used.

Necessary use case modelling along with the water fall model may be carried out to arrive at functionally feasible solutions to the set of problems posed by the above scenario.

- 421) Membrane extracts from species of animals like Bats etc or a similar quality artificial membrane from carbon polymer which are sensitive can used in WMD devices (sensitive to trap any kind of activity in the vicinity of device) and also potentially be explored for surgical replacement of membrane in human ear drum for correction /repair of hearing impairment.

- 422) I noticed that quite few people wakeup / find themselves hungry late into night, finding a convenient restaurant at the ODD time is difficult and more so from the point of civil and public administration pose restrictions/hurdles.

A probable option viable for most brands is a store/outlet that is open all through the night and able to serve only at customers location...viz. dial a meal kind of parcel service available for delivery at doorsteps....for the purpose of valid transactions, billable in advance over credit card / adequate identity proof identification should suffice to serve genuine calls.

- 423) When I was kid I noticed that people used to use bottle/containers made of steel for refrigeration ...due to the nature of refrigeration ...suggested using carbon derivative polymer based bottles ...but discovered that the life span/durability of these bottles is limited and pose other hurdles ideally way is to use steel containers modelled on the lines Of a flask viz. that can be uncorked on the top and the bottom (both convenient for cleansing and durability).

- 424) Potato's sliced in to small cubes deep fried and roasted in vegetable oil(immersed) until they attain a reddish color (attain / become hard no uncooked flesh in the cubes) sprinkled with salt and red chilly powder , sold in packaged form offer a tasty alternative to the chips currently not available in the market.

Note: served with flavored masala ...just as potato chips are being marketed as on date.

Additionally the deep fried cubes can also be served along with tomato soup, Just as roasted crumbs.

- 425) When building raid (mirror irrespective of underlying layout) (including simultaneous read write) either hardware based or soft mirrors using piping/buffering to disk descriptors with devices located on different controllers arriving at usable copy (state ...also applicable for some form of databases, like those that use writing into file systems rather than raw partitionsthis speeds up the process in lieu of redo logs) derived out of using kind of plex /cube (lvm/vvm) is to do a 'fsck' kind of fix up for removing lost clusters/broken files to arrive at readable /solid state of a plex /copy of the mirrorfor feasibility of this one may refer to possible ways of implementing mirror as described above.

Also this mode of implementation optimized may make the concept of quiceing viz. the necessity to dislocate a copy of the high available mirror from volume for databases obsolete, giving the ability for hot backups at any given point of time ...one can give an GUI / command line based interface to set the precision (amount of time) for setting aside a readily backup able copy of a VOLUME.

The concept described here in can be used for making instances of databases highly available ...by using piping at the process level, High availability can be implemented on the same host as detailed in one of the scenarios viz. same

host , or a different host by implementing a small traffic/host /instance redirector (duplication of the instance on a different host and redirecting the incoming service request gives the optimized results for a sample of implementing the redirection one may search umpteen sources available on the net or with a firm called FAPCO, Kuwait (One of the expertise gained at the mentioned firm ...routing implemented at router level ... servicing of requests redirected to a different host on failure of the primary host / instance).

Another simple way to duplicate a database instance is to duplicate packet at router level to multiple hosts and implement load balancing viz. redirection to backup instance/host on failure of the primary host.

Another way to duplicate a database instance is to mirror the cache / virtual memory (raw partition / disk based file ...still a pipe)...state replication ...the other nuances(nomenclature) of instance and underlying database files or (no shared hard diska Shared mirror is fine) are mirrored and accessible to the other host.

Similarly copies of MIRROR can be located across geographic domains by using a dedicated /high bandwidth connections by packing the buffers to disk(may include all commands necessary for operating upon VOLUMES(disks)) by using TCP/IP while ISCSI, gigabit Ethernet are around it is to be noted that SCSI /disk subsystem commands are specific to volume layout (within the volume) and hence this essentially may not required the complexity involved or the disk subsystems underlying the volume can be composed of disks complying to different set of protocols(MIRROR essentially be dependent the type of layout based on requirements), a context where this kind of a mirror can be used is a BIO-DATAS tree in a software development environment, where development work is located / spread across geographical locations.

Also as explained elsewhere one of the ways to load balance the requests on a database is to have a SQL Engine (kind of MICROSOFT SHOWPLAN) ...use multiple instances of database as described abovedirect all incoming read requests to one instance's and read requests to another instance and do sync of the instances possible with Mirror with suitable modification of mirror required viz. ability to maintain multiple plex's / 'Partitions mirrors' and ability to do a flash snap from a plex / Mirror as implemented above.

- 426) Using packet duplication and an ackle (set of users/hosts) all the activity can be forwarded over Ethernet/internet to a centralized host/organization for ease of monitoring of activity for routers are capable of adding/stripping headers viz. this includes ability to add/modify forward able addressesthese class of routers can be sold at a premium and also add the capability necessary for security monitoring in large organizations spread across geographic domains from a central location (while as on date most routers give the capability to login from a remote location and monitor the activity etc) this should give ability to do backups and log of the complete activity at a central location ...should be advantageous in high security arena's(defense) and commercial enterprises viz. say banking and other financial institutions.

Should workout both cost wise viz. network administration etc, while any necessary service related activity to the equipment can be outsource usual.

This scores well where a network administrator has to usually log into n different hosts, N different locations to monitor the activity and logs (well events based on priority can be made to be broadcast in this way to a central host ...this gives a edge over the popular /possible logging usually practiced in Unix viz. well DNS based host naming may be used).

Pipes do come in handy ...for implementing packet duplication at port level or have multiple processes listen on the same incoming packet ...database instance level mirroring with high availability on a single host (optionally smp) ...the idea of high end storage hardware (mirroring at instance level or mirroring at installation ...and the ability to make or use a mirror as high availability ...with no breakdown) can be fitted in by optimized implementation of device driver level mirroring and process level mirroring, a simple illustration being a `tee` and from the context of most `OS` all of them are file

descriptors (At least making a instance of a software highly available on the same installations applicable to all kinds of serviceable software) ...ideally once taken care of ANSI , 4GL and RDBMS norms ...instance level DNS round robin scheduling for all query transactions, and high availability can be implemented ...should a instance crash ...refer to various kinds of mirroring that helps implementing the above ...for more information refer elsewhere in the document viz. designing Mirrors

In addition to the above ... maximizing the utility of a JBOD ...couple of disks can be allocated to OS and Application software installation, couple of disks to Application Data

With the notion of instance ... high-availability appropriately configured ...for instance

OS high availability can be designed at BIOS (set of query interfaces) ...and the set of High availability of instance level application can be i.e. query interfaces can be designed at application software level ...hence at any given point of instance ...one should be able to have a serviceable instance running with no downtime or as little a down time as stopping and starting a instance ...refer elsewhere in the document for a virtual file system that takes or optimizes the use of disk arrays

Note: Designing the accountability of instance level synchronization at or on Disks that host OS and application software ...such that ...various basic steps that may require to automate the serviceability of the data and requests can be done automatedly based configured disks from which requests for servicing of data are picked up ...are encoded in to the software product as such (to illustrate or put the problem frame work ...it can be described as a (master and slave) or primary and slave configurations in the context of a PC based configuration of some types of peripherals) ...a SMP based computers can be put to optimized utilization refer as described elsewhere in the document (Dell and several other brands of server class computers ...that are shipped with a raid controllers)

For more information refer to means and mechanisms as described in 204) ...one may also refer to www.fapco.net or may revert back to me for a practical implementation of such a mirror (originally designed and implemented using mysql)

427) Optimized way of obtaining Milk based derivatives
Milk...curd ...cream ...buttermilk (broken by boiling)marketable forms of PANNER/CHEESE (obtained instead breaking milk by adding salt), a low calorie food.

428) While sterilization of male is being done using laparoscope's the ovulation in females may cause excessive bleeding in females ...the procedures used to operate upon to arrest the bleeding can be derived out of procedures used in angiogram (equipment used in lieu of bypass Surgery) and the once used in laparoscope's additionally ultrasound based Sonograph or a radioactive isotope injected ultra scan can assist in locating the exact point of incision required for surgical correction (angiogram is used to clean the arteries This should ideally suffice to blast or procedurally alter ovaries from functioning).

Note: on an additional note from the fact of biological reproduction two X chromosomes create a female child or embryoa women has the potential capacity to reproduce herself or impregnate by transfer her own blood during the period of ovulation viz. two WBC 's cross together to create female life form.

429) Noticed a potential failure of alarm() call implemented in PERL, which can be tracked to the fact that the subroutine call shares the same address space as that of the process, unlike the calls to a subroutines spread across libraries, which requires change of address space as implemented for a panic call (alarm and call to system function) in UNIX ... hence a failure across the platforms, one may check out the validity of alarm() call as implement-ed by calling / implementing the routines in a PERL module viz. that may have its own address space (the Unix system call which switch's the address space i.e. the piece of code to be executed i.e. the address space passed to alarm call should have its own address space viz. translated a pointer to a function.)

- 430) A Badge with a insert able safety Pin(ideally a small clip ...the kind of one used for clamping papers to a cardboard ...) that can be clamped to a pocket would be a great hit in the market (most school kids use to wear a emblem/mottoone of the easiest means to sell it is the one coated with a national flagalso popular inspirational titles to kids would be a hit).

It is better off to use the same identity card kind of stuff being used by most employees in reputed firms for school kids too (they are more prone to getting lost), these are more safe than the one's currently being used viz. pin based badges.

In most places where a uniform and a badge are mandatory ...learning institutions or jobs requiring uniform ...badges in the form of affix-able stickers (cloth, paper)

- 431) Most IDS/routers/proxies have the capability to block content / those coming from specific source , for instance content based on mime types can be blocked, and also since most web related sites declare the nature of the content they serve they can be blocked, for instance sleaze say pics can be blocked from a specific source / based on mime declarations , in web related stuff and all places where pictures are to be embedded declaring /rating the nature of the content can help IDS/routers block content with precision.
For instance the image tags can rate/declare the type of content.

So does the packet modification/header declaration can help block content say all chatting related transactions on the companies intranet.

Also for the network administrator the switch's/router's comprising the intranet to a master interface , say a network / sysadmin's desktop / console to alert of network congestion on a subnet / part of the network....ideally through configurable IP ...much like a NMS using SNMP.

While most companies/consumers expand bandwidth to handle congestion a proper and careful sub netting prevents unwanted data/traffic from getting circulated on the larger network.

The problem as on date is the Ethernet as implemented is still a ring based network, and is not much like a PSTN line that works on a circuit getting closed or also popularly called as circuit switching, essentially a data broadcasted on the network can be listened by any of the hosts present on the network, Most hosts are by default configured to listen only to the content to which they are addressed to.

So more the number of host the more the data/traffic present on the network viz. experience of congestion, hence proper sub netting helps not only data getting relayed to non targeted hosts but also reduce traffic....also since most IDS/routers/proxies have the capability to ration, the bandwidth for all external /outgoing requests / bandwidth from Host can be tuned using the concept of NAT on to all routable IP's within all the subnets present within main (for instance say a IP on the public network) network.

Implementing NAT by a daemon on the router that can understand or is complaint With XML-RPC ...with embedded xml carrying the required port number ...on to which the session is to be maintained both tcp/ip and all protocol complaint ...all socket level communications could be done as usual with binding on a specific port that is opened on firewall ...to enable communications across networks , product installations(specific nuance being that most software products bind to a specific port ...and the fact that existing IP ...has been well architected ...from the point of session handling by a single process or thread)

- 432) Possible Secure switching based circuits for various purposes

networks , intelligent devices with processor that can handle circuit switching on a central device (router/switch) on a network that route's requests only to the target

host or Network interface Card (for arriving at a intelligent switching on the circuits the concept as used in a sprinkler ...viz. circuit end points on a dial shaped rim, with the ability to have multiple needle's that can close the available fixed number of circuits at any time should be a ideal proposition. ...concept can be borrowed from a dial based watch and a sprinkler used in a garden with the marked second's or minutes as end points to possible number of closed circuits ..the limitation of the motor and number of rotate-able pins).

For instance in network comprising of 10 devices , 10 radials can be constructed much like the platters on a hard disk, with all the end points parallel connected with one needle (numerically numbered) at each level representing its needle on the dial closing one possible circuit, it just needs to be ensured that when one of the needle is placed on number on the dial, none of the rest of the needles on other dials get placed / utilizes the same numbered circuit / socket.

Ideally this effort would be needless should the existing bios of the routers is made reliable /tamper proof enough ...while the above is still a possible alternative.

A problem faced in most Ethernet based networks is that the packet is broadcast to all The hosts within that subnet, by implementing a kind of DNS within the switch viz. a identity to each port/socket when a host is plugged in , its NIC is registered into the port /socket on the switch ...hence when a packet is broadcast in switch , the socket rejects any packet not addressed to it (Management interface of the switch's in SAN gives the ability to identify the target device and routing is handled in memory of the switch ...viz. to which target port the packet of bits ought to forwarded) this concept does not involve any or much of the processing required ...just like as usual the packet is broadcast , but here in the port rejects what is to be forwarded to logged in host and what is to be rejected viz. the port is intelligent just enough to record it hostedand forward to host only those packets that have matching Host-Id (a concept found in the some implementations flash memory in sun servers and binding of network card id). This concept could be made feasible by modifying the DSL modem adequately which logs on the central network to make public networks more robust (ideally that network id of the Logged host should not be visible even to the network administrator for the Mac address visible or the one coming on to public network is never that of the original host).

It is possible with a 'T' shaped star topology on a ring network ...can reduce the hassles of Intrusion by a logged host on a subnet and has the potential to make the concept of a workgroup obsolete.

- 433) Most plug gable cards in PC (desktop/servers etc) are screwed to wedge, a better and alternative way is to have a clamp clip that can be clamped on to the card once it is fitted into the slot, else a protruding screw on to which the cards are slid while the card is placed in the slot, on to which a screw much like a cork on a bottle can be fitted in place, should work out better viz. durability and ease of use.
- 434) Ideally anything that is to be viewed in a rearview mirror should be printed in such a way that it readily readable in the rear view MIRROR while it may not be the case to the naked eye,

with the reference to the existence of wifi enabled devices which can be listened over headphones, answering of phone calls ... which makes the driver of a vehicle not susceptible to standard horn to make way for the subsequent vehicle,

with reference to above in cases of a ambulance, a fire engine ...a dashboard based flashing of a emergency light ...implemented using a wifi or gprs radio packet from a vechile behind

Ideal way to printable stuff like number plates etc in both ways viz. readable in rearview and to the naked eyes viz. print the standard way on the TOP and the REARVIEW way On the BOTTOM portion (a view obtained by placing a mirror in perpendicular way to the any Printed Stuff).

- 435) Pizza Bases made out of corn flour is more fluffier(softy & tasty) , and makes a better alternative for consumption than those made out of wheat flour.

436) Packaged juice of Anaar also called pomengrate (fruit with red meat over seeds ...called anaar in hindi) , juice (obtained from the flesh over the seedobtained by just crushing the flesh not the seed) as served in parts of north India (specifically sampled by me in delhi), obtained in processed manner using machinery would be definitely a great hit in the market.

Extracting pulp from pomengrate ...in a mechanized form and a marmalade Preparation would be great hit.

Similarly saline water extracts from fresh green coconuts a commodity difficult to transported in northern parts of India , makes a good idea to be sold in packaged form in these part.

Canned carrot (radish or gazzar as termed in hindi) juice offer's good option to be Retailed , while the pulp from these can be marketed as sweet dish (Packaged form)

Canned pulp extracts from seethaphal would be great marketable commodity as juice or sugar and also usable in food preparations or decorations (salads...) or dressings.

Canned tender coconut pulp (extracts from fruit with green shell) would be great marketable commodity that can be used in dressings (salads)..etc.

[
For instance the pulp extracts to be obtained are from ripened fruits ... it may require ... sorting of the seed by human hands giving scope for large scale unskilled labor and supervisiongiving scope for large scale cottage industry

With most super markets / retail food outlets being under a brand some of the products with short lifespan offer a good option to be retailled in branded food stores / super markets

]

Fresh fruit juices, pulp from fruits along with skimmed milk powder ...extracted fresh before the customer and deep - freezed and served ...would be a good opportunity to be marketed or retailled in branded form (coconut pulp, seethaphal) ...etc offer good opportunity

Tender coconut water extracts can be used to retail flavored sugar ice-cubes.

Tender coconut water along with tender coconut pulp ...slightly sweetened can be retailled in frozen ice-cube or kind of kulfi

Tender coconut water being good for health ...alkaline in nature can be served chilled or along with a ice-cube ...to make it a palatable commodity in life-style stores or up-market stores.

Pulp extracts from tamarind i.e. juice to be packaged in a palatable form given the Fact tamarind is rich in iron and vitamin c.

Also most all of the above commodities come in handy for creating a variety of recipe servable in a bar along with spirit or as diluted spirit drinks for instance screw driver (orange juice diluted in white spirit)

437) Most Operating systems undergo phases so does the applications , while most Manufacturers exposes API, once the applications developed achieve a level of Stability / branding the OS based on the level of API exposed , gives the flexibility /grip not only the Market but also loyalty addition to the OS...simplest way of achieving this is rewriting the API / re-organizing the system call API.

This should ideally relive one from headache's virus and other 3rd party software Maligning the system(Ideally most desktop networked operating system should be

Handled this way).

438) Creating a transparent chamber that can be pumped with an element(chemistry)

Experiments that can be conducted:

Scenario a) A single chamber

Fill the chamber with a element(gaseous from the element table and expose the chamber to x-ray/radioactive fission/gamma rays.

Ex: oxygen, hydrogen, water vapor (mist).

Scenario : 3 interconnected chambers

Fill the chamber[A] and chamber[B] with a element(gaseous from the element table)

Connect the chambers this way [A]->[B]<-[C]

Chamber [A]equipped(electric discharge) to create ionized atoms
viz. charged with -ive

Chamber [C]...equipped (electric discharge) to created ionized atoms
viz. charged with +ive

Chamber [B].....An empty chamber that is used to observe the reaction upon
Release /opening of the aperture's from chambers[A] and [B]

Ex: oxygen, hydrogen, water vapor (mist).

Concepts that ought to be understood.

- a) That ought to be understood most clouds(water vapour, mist, ice) what keeps the mass of a cloud together and at times why are the particle's of these clouds charged ...what might cause lightening.
- b) formation of Ozone.
- c) When the chamber is filled with Mist(water particles with air) ... expose it to light(100+ candle...preferably through a narrow hole from a torch light) diffusion of light and observation of a Rainbow.

Note: The chamber is any suitable equipment that fills the requirement as defined above can be found in chemistry and physics labs.

439) Most affluent play golf for a passéthe joy of hitting the ball in water hole is not Inexplicable especially involves playing with other elite ...gives kind of pride
.....hitting a ball from a distance with flag in the water hole is one of the most envincible scenarios ...and how many can put the ball into hole at a straight hitone of the possible options to make it convenient to design a few holes in the Gulf Course such that the immediate surrounding area is shaped like funnel viz. placement of the ball in this area guarantee's that a shotis guaranteed to put the ball in Water Hole.

440) Naked/exposed fibre optic cable is good option for laying traps / fencing kind of scenarios viz. kind of trespassers being prevented / harming those trying to trespass.

441) Encryption from a different point of view, viz. all electronic communication of data over PSTN ...and a few other locations as the case may be , all communication is broadcast of bits (taking it in computing parlance)

Encryption

- a) use only the 'n' th bit in every 'M' number of bits transmitted.
- b) same as the case may be ...use a mathematical series

(viz. kind of integer, even, odd , fibonacci ...etc) to pick up sequence of bits that make up the data for any communication involved.

Note: This can be extended to sockets/ pipes in programming parlance , and also the above code of conduct can be used for implementing encryption in analog devices, and these bits could well be varied in voltages and based upon agreed code of conduct a specific bits of a particular voltage or a pattern of voltages as may be agreed can be used for communication purposes (viz. security / encryption).

In fact this can be used/set on a mother board a PC being used for computing purposes, where there is a high scope of theft of data is involved(much like jumper settings) for anyone hacking /eves dropping may not be able to capture a session.

The above principles can be used to broadcast data using light spectrum as a medium, with light particles having a color codebroadcasting different sequence of light (colored) within a channel / spectrum, given the concept light can travel and there is no such concept of annihilation of light, this technique can be tried to upload data to objects on any day with clear skies at night.

Hence one of the requirements a prism dome on a laser (or high frequency blink-able light) as can be observed in fibre optic gun currently being usedthat can produce different colored emission based on the positioning of the dome (which when transmitting in channel/beaming a signal gives the sufficient time delay gap between the light particles being broadcasted)

442) With WMD embedded remote controller based devices(WiFi) (taking a cue out of TV remote) Connected to a Plasma Screen / Television.

Gaming software can be designed such that multiple players/users can play a game Viz. no. gamers, viz. each participating player identifies himself with one of the Characters ex: Car racing, motor racing, armed combat man etc.

(Proper Care/Scenario to be taken viz. no input receiving ports for signals / synchronization and viz. milli or micro sec variations of receiving signal ...specific scenario to be handled well two users send across input commands simultaneous ...viz. ideal way to implement no. of ports proportional to number of users and minor variation in frequencies / acceptance/ rejection of commands based SID as in mobile devices) ...ability to avoid the a retry from the user to get his command / action passed on to the processor.

A Unix scheduler, synchronize as is the case in java while handling the threads should suffice.

While the input commands itself can be so serialized while passing on to the central processor.

A popular way of implementing a steering for games like a car race in the above scenario is to have a game wifi device based game controller , the idea can be borrowed from the implementation of a radial used to navigate options and a scroller as can found in few Mobile phone's / TV remote handset's.

Note: the steering as implemented in mobile phones consist of 4 contact points in 4 directions the proposed solution is that of several contact points on the circumference/periphery of a circle, with the radius /size of the circle being proportionate to the requirement ...i.e. translated no. of contact points

Implementation: A polymer based casket on the top of the circuit ...with a base position selected ...the amount of deviation/scaling being relative to the keyed in position on the periphery of the circle (very small sectors on the circumference viz. the circuit in place).

443) Most heating/pressure algorithms based devices implemented as on date are timer based (heating viz. resistor based or micro wave based), an ideal way of implementation is to use a temperature and timer based algorithm ...viz. since

heating as a process continuously increases the temperature (any kind of substance), ideal way is to use a sensor that suspends the heating process upon attaining optimal temperature and starts the process upon temperature dipping the set mark ...for a fixed period as set by the Timer.

Popular instance of utilization of above algorithm : cooking, petroleum refineries etc.

444) In the above set of proposed solutions or projects where ever applicable viz. automated power shutdown or automated gear transition etc ...a gear, levers, hydraulic lever operated by a motor or two electro magnets separated by high quality spring(kind of shock absorber used in a vehicle) whose contraction is based on the amount of voltage used to create the required attraction viz. create to opposite poles/ one side of shock absorber is a high quality electro magnet and the other side of which is portion of hydraulic lever, this should supplement the idea.

445) How would it look like spending more than 24hrs in no gravity zone and no resistance from air etc ... viz. above the layer of atmosphere consisting of the clouds ...since the aircraft is at a momentum and moving at its own speed ...where will it end up after 24hrs, chasing the time zones ...is the earth spherical ... the rate at which moon is revolving around earth / rate at which earth is revolving around sun.

446) The myth of data transfer speedstransfer speeds are directly proportional to the No. of channels available for data transfer ...the myth of n bit computing

Viz. USBthe serial ports, source to the monitor, data transfer speed / rates from RAM to hard disk .

Note: By using minor variations in frequencies a Bus (based on the requirement ... n number of frequencies(no of channels) can be utilized ...viz. using radio frequency as a DATA Bus for computing.)...while it is to be noted that no of frequencies on which a transmitter can work at an point of time.

using radio frequency can be used for wireless data transfers ...ability to manufacture devices made up of components (independent devices by them selves) viz. just like a cordless phone ...a cordless speakers, DVD/CD drives that can be used with either a computer(data for computing) mobile device / other music system etc.

447) Replaceable pinhead based sockets where ever applicable for devices from the Immediate above illustration.

448) A combat vehicle that can be transported viz. on railroad and suitably modified to function on the terrain of the target.

When dealing with desert/sand/dust based surroundings ... a part of the utility used /usually found in Rice Mills(separate chaff from grain) can be used viz. emerge/clear obstacle sand.

449) Jelly , Jam's, Butter, sugar, chocolate foam and other bread spreads are better off marketed/packaged in Squeezable containers or containers that are modelled to extract the spread or the stuff without a Spoon/knife Or other mediator (may be modelled on the kind of certain talcum Powders/ tooth/shaving foam), you may find them usually being used in Fast Food restaurants Viz. bakery and Pizza corners.

Most them being canned / bottled in glass/plastic disposable containers.

Similarly packaging powder's chilli , pepper and other forms in disposable plastic / glass based containers/dispensers usually used at the breakfast/dinning table's for using these items (containers/dispenser's usually used with dispense salts/spices), would be a great lifestyle /convenience marketing effort.

Note: It is to be noted most modern lifestyle efforts require/demand ready to use with as little effort as possible including repackaging for storage purposes.

450) A female model (model's would make great offering Advertising and PR parlance)
... skin tan from all across the globe, hair styled much like a Somali men/man.

451) A challenge for neural networks and biometric computing,

Many a Individual suffer injuries from mountaineering, motor-racing and other accidents, quite a few of them resulting into serious impairment to loss of body parts.

If one understands the functions of the human/living being majority of the actions viz. locomotion are a result out of commands from central nervous system, these commands are usually electrical pulses passed out from the brain to the specific part/area.

With the availability of the artificial skin etc , an artificial part of the body that exactly match's requirement of the skeleton can be constructed viz. specifications including ligaments etcwhile hundred percent reconstruction viz. bone marrow and required muscle may not be possible ... it should be possible to create a battery with motor powered artificial body part that can be integrated to the central nervous system with the availability of fibre optics ... which passes on the signal to required part ...being electrical pulse's should be able to cause the required locomotion in artificial part.

(Ideally given the scope ... and bone marrow with its ability to reproduce100% genuine part may be feasible, as is the case one is aware of muscle being that accumulates over time due to activity.)

452) While the ability to transmit multiple content within the same radio frequency is a Possibility, Transponders can be placed atop a tall (ideally ...anything over tallest mountainous regions above sea level(mount K2 would have no terrestrial barricade for transmission across the globe ,but with limitations of both construction and other feasible issues) transmission towers, above 800-1000 meters the sea levelviz. most mountainous regions across the globe within above region ... transmission multiple content within a geographic domain should be possible..., This is a very feasible idea at least in regions like Middle-East and Australia.

It should be noted that construction of these kind of towers pose ...a hurdle for air based transportation and hence locating them ideally on mountainous regions viz. whether the Himalayan regions, the alps or the Western Ghats as the case may be should be ideal,

It is also to be noted that weather does pose implications as these above are located within the atmospheric region and bad weather (wind direction etc) can mean no /distorted communication, but building transponders being cheap building a terrestrial network [That receives the input from satellites a feasible] must be cost effective considering the costs involved in launching a satellite vehicles and these terrestrial networks that can be connected over fiber optics.

[
Alternatively by suitably modifying the transponders and their placement and positioning them with in the atmospheric region viz. those that are used from remote sensing (low earth orbiting should also give the ability to broadcast globally.
]

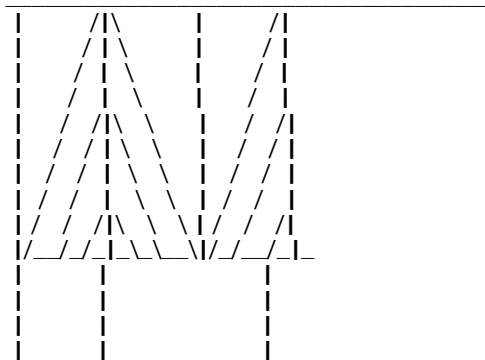
453) The lifespan of most concrete structures without major repairs happen to be 150-200 yrs, the traditional method of constructing structures (building using timbre /wood) also happen to be around the same lifespan wood/timber being a easily harvestable resource without major overhead environment ... structures built of wood/timber with traditional mud / wood based tiles are a better option for roofing.

While above is the scenariowith the availability of the technology ...viz. carbon polymers it should be possible to water proof the wood /timber logs ... and hence a better option for viable alternative construction.

Requirement: A coat-able adhesive based carbon polymer that can be used for water proofing ... should function much like varnish while on drying should become a carbon polymer for water proofing (should give the kind of effect of lamination) and resistant to tropical / temperatures up to x degree centigrade.

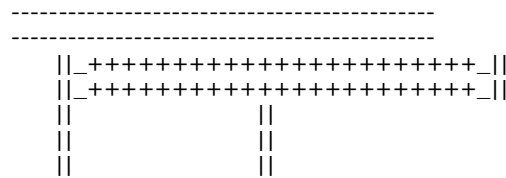
454) Principles that may be taken into account while building a suspension bridge whether being build out of wooden /Bamboo or steel/concrete pillars and rope or steel gauged wire.

The Below picture shows how the tension is to be spread of the weight of the pathway that joins two pillars while building a suspension bridge.



| indicates pillars , / & \ indicates gauged wire or rope for suspension , the T between the poles indicates potential optional structure to carry or improve the tension of suspended structure should the case be required.

A feasible new design that may be more practical while designing overhead bridges.



with --- representing overhead pathway or bridge

||_
||_ representing pillar's / support structure
|| for overhead bridge.

++ representing (scope for) additional replaceable reinforcement or support structure's to sustain the weight of objects should the overhead structure sustain impact from ageing or other load variance that may require additional precaution.....these are ideal to be implemented with metal structure's or concrete block's or wooden shaft's/planks.

Exploit potential Design

Deriving few attributes from the way suspension bridges are built ...a innovative non suspension bridge design can be derived ...that can be used for effective utilization Of space on roadways, over bridges etc

By building pillars (`H` at sufficient distance apart) ...with the horizontal beam connecting The two pillars in `H` sufficiently fortified (Strength) ...making using of pre-built or pre-constructed cement blocks ...which can be placed on beams (kind of tracks in a rail tracks

And design also can be derived from ...existing or old styled overhead rail bridges) ...i.e. Interlock-able cement blocks or iron or steel beams between two `H` pillars on the horizontal bar or beam between each `H` pillar ...hence giving space that can be used under the bridge also as a pathway (should come effective ideally when connecting Over narrow lanes etc) ...use-case modeling for effective design may be applied Also refer else where in the document ...for placing pre-moduled or pre modulated ... Cement structures over ...cable ...similarly two adjoining concrete blocks or slabs can Be interconnected over steel beam or rod ...for a convenient mechanism ...one may refer to the manner in which curtain rod are anchored for window shields (rods on which cloth or other apron are suspended) ...should hollow pipes are used over these blocks or slabs a interconnecting block of pipe could also be potentially be used to revitt such blocks together

 Note : Innovative cement blocks or slabs of appropriate gauge (with a metal structure Or frame underneath) ...kind of RCC roofing ...asbestos roofing ...that can be Hosted on steel gauged logs or cable ...that can be used for multipurpose usage

455) Ways of manipulating forms

All html forms require a submit button to submit information ,

- a) Exclude the submit button hence hidden HTML form(hidden elements) is created make use of JavaScript based events (validation) and triggering a form submission.
- b) checkbox's enclosed in a formthe values can be concatenated to another element in a hidden form (get method for compact data) ... create a manipulate-able array of values on the server/client side scripting.

456) A scientific expedition to help subjects of oceanography(while the case is applicable non marine based surveying also)

Problem statement: Ability to plot an area surveyed.

A Richter Scale kind of a device that can be used to plot the movements of a compass.

- a) Plot the graph on a radial ... ability to plot 360 degree much like on a watch.
- b) Plot-able needle atop ... with a roll able spherical shaped ball on to which the movements of a compass can be plotted.

Note: Use roll-able ball (modeled on the scale of ball bearing)one can look at the traditional ball based mousewith modified interface viz. use of a metallic ball and no. touch sensitive spots(sensors) ...with reference to the scale, resolution other specific variation to be computed in the MODEL.

Ideally a wooden substitute(Ball) and concept usually used in wood carving should suffice the purpose.

Alternatively as mentioned a ball(in which a compass the size of 2*radius of the ball is kept/positioned along the diameter of the ball) floated on a small bottle consisting of water/other liquid...viz. should serve as kind of capthe rim of the bottle consisting of sensorsability to plot the navigation pattern of any kind of vehicle ...the possible requirement of the suspend-able medium for the ball (with a compass viz. magnetic pole) being requirement of free wheeling of the ball on the rim .

Note: The concept described here can be used in implementing interfaces to Software for Gaming, 2D, 3D structural Modelling and visualization.

 A 3-D plotting of flight or path taken of a vehicle or object in atmosphere of a planet ...can be done with the following co-ordinates viz. latitude, longitude from a compass, and approx altitude computed based on atmospheric pressure from sea level using a barometer.

The concept as used in the TV remote (television handsets) ...termed Infrared may
Be applied for the above (magnetic pulse or radio frequency)

457) Facts to be kept in mind while opting for a cable connection

- a) can the connection be shared between the television and PC (internet browsing)
- b) should one opt for a static IP ...advantages and disadvantages of static IP and allocation of bandwidth
- c) How is bandwidth measured

incoming and outgoing traffic ... on a specific port or at the network card in general.

How is bandwidth measured baud rate or No. of bit/byte flow after which the client is to be re-billed.

458) Ideally all swimming pools for learners should be designed such a way that should the learner be not in a position to swim, he should be able to stand up in the pool (density required to achieve or be able to swim) so that the subject is able to swim.

A swimming pool that is filled with salt water, such that it gives the effect of Black-Sea (Max density) ...should be a viable option in any theme park/tourist spot.

459) A Plug-gin for browser (internet surfing) ... on the client side which converts the Specified text, text size, background color etc into image format (mime type) on the client side... ideally all data formatted through a CSS (cascading style sheet) can be handled this way (should it require additional overhead on the client side ... an tag for the specific content in the CSS should help).

It is to be noted that No. Bits that ought to be transmitted while talking with server Helpsdownloading a image means requiring to download more no of bits than text (so is the case of background color in a image...should atleast come in handy for Image formats optimized for the web ..viz. gif/jpeg).

460) Water Sprinklers ...that can be derived out of a nozzle used in bathroom/lavatories, those that can be used for sprinkling water in gardens etc (additionally unlike the Current sprinklers which can spray water only in one direction at any given time these should be able to spray water in all directions much like a fountain)....these Can be manufactured using the electromagnetic concept used in front office doors in most corporate environmentsmounted on a ball bearing should be able to rotate / change the direction.

While using electricity with water could have its own implications, using water pressure along with a coiled spring to achieve the same objective should be a viable option.

461) Paper (polymer or other derivatives) ... most documents of importance Whether sale deeds, agreements etc made of paper are vulnerable to fire, water etc.

Requirement a special paper /polymer that is resistant /water Proof and fire Proof (not mutilate-able to a specified degree of temperature).

Taking into consideration a specific domain (India/south Africa)

This helps in spite of the factors (geo political and other factors), for instance agreements and deeds by governments prior to independence, honoring of these contracts / agreements by successive governments / or the original colonial rulers etc , while they at least remain a proof / tamper proof to a specific period of time

(while they may not require the amount of effort or the precision involved in carbon dating).

- 462) While there have been several websites catering to marriage/relation bureau etc, as on date none exist television as medium for marketing this effort, one can include for instance a womento a special session of demonstration say cooking etc, slide presentation (existed in modelling context) reason this might work many people are not educated/comfortable enough with adept computer skills.
- 463) On Mountaineering expeditions and while teaching mountain/rock climbing ... nylon/coconut coir based rope is extensively used usuallyan alternative manner to handle situation create a ladder out of the rope and use it for climbing , to make the sport a tourist pass timeand expert climber can initially trek or on these specific spots/locations, ladders of this type can be placed , while a blackstrap on to which a trainee / tourist clings on to a free wheel based rope to which the trekker can lock his position while he climbs the ladder.
- 464) A disk drive that consists of multiple platters running on different spindles with read & write head that spans along the radius of the platter(sector as defined in math ... i.e. a arc along the radius of disk (circle) ...to host bits of information ...with a read write head spanning the radius of the disk that can scan the radius at a single go ... writes that can be adjusted to optimized reads and writes ...and efficient storage of information ...this ideally suits a optical reader and writer) ...all the spindles can be powered by a single motor(gear model may be observed for the purpose)while the read & write heads are stationary the spin of the platter lets the head detect when / where to start read/writing .

Note: Most needle/brush used to read from a disk drive needs to be anchored, reasons Being safety while not using the disk drive etcone of the better solutions is To re-design the needle/ brush used for reading from the disk....viz.

The needle(ideally a brush suspended on to a needle) being suspended/attached to spring (for instance its default position/shaped in being the following manner $_ \setminus$ kind of a latch much like borrowing the concept from the way a hammer hits a gong based on electromagnetic functionality)when the disk drive is being assessed the needle gets positioned viz. $_ == _$ with $==$ standing for \setminus when not electromagnetism can be found)....viz. in this scenario the needle ought to be elongated enough or larger than the radius of the platter/radius of the circle.

- 465) For building dwelling units or other structure's we need cement and bricks with cement to keep the bricks togetherand bricks being made out of kilt in furnace ...brick itself is a unitbuilding huge units of these size should enable say can give out required structure for a dwelling unit ...ideally these should replace all traditional / conservative methods of construction.

Electronic furnace unitsthat can mould out a huge wall / other structure as may be case is required ... the existing metal based blocks to derive out concrete blocks should be sufficient...while the process is different ...these metal blocks Should create a electronic furnace which should take care of the process of heating as is the case in a kilt (these blocks should be able to create them of the quality of The structure as were the case in mud tiles used for building roof tops).

Note: On an additional note a specific tile would be of great advantage an inter lockable tile shape ideally in the form of a sigma or a bent \sim on both Sides to make it lockable, and tiles that can be modelled on lines of wooden Planks(usually used in older style of construction to construct store houses for grain and garages).

- 466) In most 3-D and architecture related software based simulation and modelling , for flexibility of using the simulation based software diagram viz. zoom in / zoom out Etc ... one of the ideal way to provide a convenient interface for manipulation is to use a rollable ball (modelled on the scale of ball bearing)one can look at the Traditional ball based mousewith modified interface viz. use of a metallic ball And no. touch sensitive spots(sensors) ...with reference to the scale, resolution other specific variation to be computed in the MODEL.....this should serve as an addition to

the in-flight recorder and give the exact navigation being plotted/recorded on a printer for the Ground controller.

Note: The above is either to represent a compass or a instrument to fit the purpose.

467) Most waste disposal's in urban localities require collection and dumping network to be in placesince most planned urban localities consist of community maintained gardens(to replenish sufficient air) dumping/collection box's for street corner which can be used to dump segregated waste viz. organic/inorganic/etc ...these containers can be used to convert/culture organic waste into manure ...that can be used reused locally in these gardens or other places.

468) How to attend a screening testmost basic technical screenings are done over telephone ...since most of the recruiters test the caliber on a wide variety of skills Spread on multiple topics ... one the ways to tackle such a scenario is to paste all the documents ...a ready reckoner (knowledge viz. formula and concepts that need to be referred while handling a interview could be Information technology related or could Math/physic etc) on to a cardboard(kind of black board)...gives the ability to refer at ease.

469) A flexi moped whose ground (chassis) elevation is proportional to the following factors.

- a) Radius of the wheel
- b) Shocks adjustment

Style / shape being based on following factors

- a) Bare body of the moped
- b) Radius and width of the front wheel and back wheel

Vehicle structure composition based on following factors.

- a) Front wheel including suspension(shocks) and steering / handle being a independent Module plug-able to the rest of the structure of the vehicle.
- b) Front wheel along with the steering being plug-able to the rest of the structure on to a 2 parallel sectors consisting of 2 parallel strips on which the front wheel along with steering can be slided and its alignment apportioned with rivets / screws (structure of this sector (say portion of the circumference of a circle) style on grounds of the rivetting found on the racks(made of steel) found in ordinary kirana / merchant stores.

Alternatively this structure for building the sector can be derived out from the way a chain (cycle) is modelled viz. the one's usually found in the gear box (motor) to the Wheel.

Note: These racks are modelled such that compartments size (height and width) can varied based on requirement

Ideal Implementation

- a) For instance Front wheel(radius the leaner, the better) being larger and back tyre (smaller(in radius) the better) with larger width(ideal for friction)

while the height alignment of the entire structure for being(specifically back seat/wheel) proportional to the suspension / shocks.

Note: 1) Horse Power of the Engine can be varied for required / appropriate performance Width of the circumference of both wheels ought to be ensured such that there is sufficient friction available viz. anti skid (While a break (viz. foot /other which tackles The motor/gear based wheel ...which come to stand still any time ...the front wheel Experience's skidpossible cause being lack of sufficient co-ordination(split second) between both the wheelsan ideal way to tackle such a kind of situation is a single break as in wheel based vehicles that should be able to bring both the wheels to a stand still ...viz. which is the foot based brake).

2) Any air/sudden brake ideally above 3rd or 4th gear should bring the motor into neutral automatically.

Anchoring or putting a two-wheeler or mopeds on a stand when not being put to use

... some times given the weight of such vehicles ...achieving such a task would be of difficulty to end-user (net result ...various ...forms of side stands !! ...which may not align with the manner allowable in parking lots)

For the convenience of the end-users ...a anchoring stand for two-wheelers that makes use of the engine ideally ...to power a hydraulic lever ...to achieve the objective of anchoring the vehicle on a stand (stable legs with the back tyre as a base)

470)A numeric lock as found in a traveling trolley say cabin baggage can be suitably modified for usage in cupboards / bank lockers etc that gives way to the master key hole (this kind of numeric lock can be found most travelers baggage).

471)When two magnetic poles are brought together they get repelled ...viz. they automatically cause a change in the position so the said argument viz. the earth is rotating positioned at 22 degrees on Axis is arguable viz. a charged magnetic needle floating on liquid medium gets deflexed (a contrast to compass)

A scientific expedition (say a kind of around the world trip over the sea (kind of Magellan Expedition)) to give proper explanation to the above argument and theory.

Understanding the concept of space a dimension less (tangible and yet intangible) medium the Sun ... amount of the earth under light zone (daylight) ... time zones.

While GREEN WITCH (time zone) presents an agreeable TIME measurement as a frame work.

To understand the pattern of the earth being rotating at an axis of 22 degree centigrade.

If one travels or observes the daylight (amount of the time region is under daylight) from Scandinavia ... Saudi Arabia(Riyadh)...(Kuwait) ... India...Singapore....Australia (Perth & Sydney).

While it can be rationalized ...can be construed from the above data that earth is rotating and revolving around sun on its own axis at 22 degree centigrade.

It is yet to be rationalized about the fact what is causing the earth to on its axis at 22 degree centigrade.....is it the repulsive magnetic field from sun that is causing the effect.

Viz. What is causing Pulsars to be emitted from sun (One of the facts that sun has got its own magnetic field)..... what can be termed as gravitational force.

The Fact yet to be understood / rationalized is SUN ...shine ... emission of light as a result of fission ... viz. decreasing amount of core(Mass) ... with consequences of annihilation. (One of the concepts that can be used understand is away usually flocks guarding fields throw stones at Birds etc)

Note: One may refer to the MASS theory.

472)A buddy(as existing in the market today) kind of software based interactive character as an interface that can manage/serve all the subsystems in a dwelling unit.

Hence ... a software that can evaluate the state of a individual & serve content (on TV) and set the surrounding variables (room temperature, humidity, light visibility etc) kind of LG(Human Eye) concept except based on Biometric and neural network computing model.

473) Marine based Adventure sports are ideal on sea shores surrounding non hilly places for instance east coast of India makes a good location for the same.

Potential locations being : salt lake city being Calcutta, Machilipatnam / repalle, chennai Kovvallam(goa & kerala).

With machilipatnam / repalle being ideal locations ... with easy accessibility over the week from places like vishakapatnam, Hyderabad, warangal, chennai , Orissa and existing metro polition area of vijaywada, alluru, Guntur.

Note: As on date there exist water sports that let one to surf while holding on to a string /rope from a sea scooter or boat ...a possible modifiable alternative is to use a additional parachute kind of stuffing that lets one to takeoff and float in the air.

With the subject on course of the air float wearing the either basic ring as used while learning swimming or the safety gear as used in emergency scenarios for people flying in a aircraft...for safety and for those who are not familiar with swimming.

(The above is a cross with Para gliding)

Similarly a sea scooter that can be controlled with remote, this lets a single individual to handle both a scooter, while being able to stay air float.

474) Ice-cream cones that come with compartments viz. a cone being a circle divided into multiple sectors with decreasing/diminishing radius until it becomes a container.

The above kind of a cone ...offers premium variety where in multiple flavors can be sold in a single packing and also initial filling of the cone with chocolate , shall be while offering a differential packing gives the flexibility of not soiling the hand.

475) Most utensils used in Micro-oven's happen of Chinese crockery(made out of special material kind of plaster of paris) ...while these are used for the safe of being heat resistant etc ...by their very nature are vulnerable to durability alternative possibility being kind of non - stick cookware usually manufactured ...the same material used for non-stick cookware can be used for external layering of vessels (the reverse ... metal containers coated with non stick material).

Designing utensils used for cooking with a darker surface(exterior and interior) ...as it helps absorbing the heat ...cooking as a process should ideally get quicker

476) A JavaScript based Drop Down menu on the client side Menu for websites, with server side scripting on the Server Side, Menu to be Picked Up from a server side document that can be downloaded.

A management interface to edit the document

a) Downloadable document confirming to XML DOM object model on the server side from which Scripting on client side populates the menu from XML DOM model.

A scripting function to be accomplish the task on the event say document.onload()

b) A text file that has its menu organized which can be populated in to JavaScript arrays On the client side either through PERL/SED/AWK parsing of the text file ,kind of substitution variables on the server side scripting (ASP/PHP/SHTML)

c) A management interface on the server side that lets the client side JavaScript arrays to be populated (viz. the web page containing the specific code to be edited/ manipulated)

Note: At places required optionally one may use Document stack of layers of which one of the layers can be set to visible one each at a time...DHTML using JavaScript

Refer to the Auto Page Generator as implemented for Alghanim.com with the client

FAPCO.net ...to be able to attach a custom menu to a specific auto generated web-page or based on a template-id.

- 477) A JavaScript based Client Side NEWS(Flash/scroll bar) , with Server Side scripting with a server side management interface to add/delete /Manipulate the NEWS document located on the Server Side.

The NEWS SCROLL BAR [is a frame set consisting of several small frames or can be modelled in JavaScript array] ...viz. with a variable timeframe ...the content in each of the [frame or element in array] is varied viz. changed (kind of variable swapping or sorting) by picking up the content from

- a) Downloadable document confirming to XML DOM object model on the Server Side from which scripting on client side writes to frame using the document. Write A scripting function to be accomplish the task on the event say document.onload()
- b) A text file that has its menu organized which can be populated in to JavaScript arrays On the client side either through PERL/SED/AWK parsing of the text file, kind of substitution variables on the server side scripting (ASP/PHP/SHTML)
- c) Client Side JavaScript arrays to be populated (viz. the web page containing the specific code to be edited/manipulated) with a management interface on the server side scripting (ASP/PHP/SHTML)

Note: At places required optionally one may use Document stack of layers of which one of the layers can be set to visible one each at a time...DHTML using JavaScript.

Size and alignment of the NEWS flash bar as maybe deemed fit and the scroll can be from BOTTOM to TOP or TOP to BOTTOM

By using server-side processing ...that picks up data from a database view, table or entity ...by including a client-sidehtml auto refresh , or client-side Script timer based Auto Pull or download of XML-DTD or refresh of the document Or layer hosting such a applet ... to display up to date information.

- 478) A HTML TAG MARQUEE based Client Side NEWS(Flash/scroll bar) , with Server Side Scripting with a server side management interface to add/delete /Manipulate the NEWS document located on the Server Side.

This gives a DRUM on which NEWS content SPINS (RIGHT TO LEFT OR LEFT TO RIGHT as may be deemed fit.

The NEWS SCROLL BAR is a frame set consisting of several small frames ...viz. with each frame consisting of a MARQUEE TAG.

- a) A Text file(server side) that has its content organized which can be populated or substituted into the MARQUEE'S On the client side either through PERL/SED/AWK parsing of the text file, kind of substitution variables on the server side scripting (ASP/PHP/SHTML)

A management interface on the server side that lets the NO. frames in frameset to be determined and also ADD/EDIT/Delete content into MARQUEE'S on the DRUM.
- b) Downloadable document confirming to XML DOM object model on the Server Side from which scripting on client side writes to frame using the document.write embedding the necessary content into the MARQUEE TAG... a scripting function to be accomplish the task on the event say document.onload()

Note: Size and alignment of the NEWS flash bar(The DRUM) to be positioned as maybe deemed fit.

The server side text document containing the text for MARQUEE'S could also be in the format confirming to XML DTD and DOM accessible to DOM scripting interface.

By using server-side processing ...that picks up data from a database view, table or entity ...by including a client-sidehtml auto refresh , or client-side Script timer based Auto Pull or download of XML-DTD or refresh of the document Or layer hosting such a applet ... to display up to date information.

Additionally on a dot-matrix boardthe desired visual effect of a marquee on DRUM Effect can be achieved by manipulating with the font sizeas the matter scroll's..... manipulation should be possible , with a coded interface to graphics adapter ...and addressable pixels , and on systems with installed software like Flash/Maya components accessible through shared libraries ...the above visual effect should be Possible.

- 479) A script based function to check the validity (semantics) of the email address's applicable to both web based interface as well as standard Email App's.

(while most existing interfaces do give a flash message indicating the field where there is a mistakenone in the market that place the cursor at the point of confusion or location requiring a correction by the user)

Since most validity checkers involve checking the content viz. mailing addresses And their confirming to the standards/specifications using regular expressions, it Should be possible to pin point the exact location or phrase requiring manual intervention for correction

Note: both a ',' or ';' can be used as a separator when including multiple Email-ids.

- 480) Most elevated platforms used in kitchen(ideally a cabinet)environment can be layered/coated with heat resistant synthetic carbon polymer which should give the effect of the nonstick cookwareeasy to clean and keep it tidy.

- 481) Alkaline batteries being cheaper to manufacture and environmentally safe for disposal, Running vehicles(4 or 2 wheeler's) on these batteries make's sense.

Gearless vehicles deriving from above.

For instance taking a note from a ceiling fan ...motor's whose speed is proportional To the amount of electricity/voltage consumed.

Existing Vehicles like gearless mopeds/two/four wheelers can be modified to be run On these form of power (alkaline batteries)and also ease of charging.

Deriving from the existing remote interface for most air conditioners , most gear less Vehicles interface for speed or increasing the momentum of the motor can be Automated to take input from a Digital Interface(A convenience for the fairer sex), Simplest possible options being a Up Arrow and Down Arrow.

[
A similar mechanism as described above a Digital interface that lets the amount of fuel injected(ignition) to be varied for combustion ...to make the RPM's of the motor to be proportional to the amount of fuel burnt
]

- 482) Those getting to exposed to un protected sex (Male or female) or those experience Itchy ness in genital organ's (most probable cause being presence of fungal/bacteria) May treat the area by washing with vinegar as first Aid precaution.

- 483) Flavored Cold Tea

Extract decoction from tea leaves by boiling the tea leaves in water, obtain the filtered Decoction ...add few ice cubes to it just enough to obtain consumable quantity, add Sugar and few milligrams of crystallized citrates or (lemonade/ peach/ Tulsi extracts) ... stir...voila...ready to consume ... Cold Tea!!.

Note: Whisky(or other spirits) diluted with these forms of Cold Tea ...offers a variety(tongue twister) ... salt/sugar may be added as the case may be Or at one's preference.

Note: Flavored iced tea makes a good option to be served in commercial airlines.

Similarly lemon, elaichi (cardamom) flavored coffee (de-caution) ...to be consumed with milk powder offers a good variety

484) A drink with a difference,

Obtain sufficient mix of potable water with jaguary or sugar, a sufficient quantity of Sliced green chilies, Pepper and Eliachi powder.

Note: Several Fruit / vegetable Pulp extracts from good substitute for water (to make the drink a great appetizer), raw Mango Juice is good example.

485) While there are many a branded Desktop editions of encyclopedia etc, there are None around selling a desktop edition of the standard Language dictionaries.

A desktop edition(Dictionary/Thesaurus) offer easy to use ready referral , hence would be a Market Opportunity.

Language editions of these dictionaries(applicable to Encyclopedia's also with libraries being accessible to com) integratable into word processors to serve as ready reckoner, kind of spell checkers as exists in MSWord etc.

Also a compatible library to enable language learning comfortable ... a component with accessible library to teach phonetics/pronunciation of words.

It would be good idea ...to provide a compatible interface (a plug gin) to be accessible While using desktop editions of Word Processors(viz. more than spell checking).

Note: The above includes the possibility of language to language dictionaries

For library of words used for spell checking....it would be a good idea to provide a interface to these dictionaries/libraries to be able to add custom words/phrases Specific to one's profession etc (ex: computing/biotechnology related terms ... Not usually found enclosed with these spell checkers)

The ideally way to show up the relevant text viz. meaning phonetics etc would be upon right clicking the word/phrase and selecting the meaning/phonetic spelling as maybe caseand displaying the same in a popup ...kind of tool tip as exists on most menus in windowing environments.

486) A steering deriving from the implementation of the navigation tool to menus in mobile phones consist of 4 contact points in 4 directions the proposed solution is that of several contact points on the circumference /periphery of a circle, with the radius /size of the circle being proportionate to the requirement ...i.e. translated to no. of contact points

Implementation: A polymer based casket on the top of the circuit ...with a base position selected ...the amount of deviation/scaling being relative to the keyed in position on the periphery of the circle (very small sectors on the circumference viz. the circuit in place).

This above circuit can be used in vehicles in lieu of the steering (as implemented as on date which require mechanical input from the user), the above can give the required amount of deviation to a mechanized system in a computing environment.

Note: The concept viz. a roll-able ball (ball bearing) as described in 456) can be applied when dealing with space i.e. non surface based transportation systems.

The same as a rollable ball ...for instance the interface for such a kind of steering can be derived from the implementations of a position able karaoke(viz. ball with

a handle pouched into a spherical shaped pouch) that can found being shipped with many Desktop computers.

On a different note the above viz. rollable ball of a karaoke can be used to implement a kind of pulley for several lever's in the following manners viz. surface of the ball Consisting of small pouch's/holes to which string/pulley to lever can be attached, for instance this can give scope to redesigning interface, the way pulley to gears in a 4-wheeler are implementedbased on the direction in which the pulley is pulled viz. the direction in which force is applied, a specific lever is applied.

487) Deriving from the facts of $E=mc^2$...with fact that CNG and petroleum derivatives Being available in abundance ... and optimized used of energy form ... taking for instance What is termed a PetroMas light(LAMP) in rural country side ... which makes use of ionization (one can notice the fact that common salt is usually placed around the coil that burns) or the concept of formation of mist for optimized illumination ...this particular LAMP can be optimized upon.

Ignition technique used in these LAMPS can be implemented as can be found in a cigarette lighter, alternatively CNG packed cylinders can be modified suitably to work like that of a PETROMAS LAMP for brighter illumination.

Deriving from above a Multi purpose Mini CNG cylinders for camping (mountaineering) etc, that can be used for Lighting, cooking etc.

With mobile's being available in market with a embedded emergency battery light(Night vision), they can be designed / curved much the way in hand based battery light or the way some infrared bulbs are used in Remote Control Hand Sets (for instance Samsung)

Similarly with availability of lightweight rechargeable batteries viz. lithium, cadmium etc Several ready to use plug-able utilities on the batteries with a charger in travelers kit. Ex: shaver, cigar lighter, torch light, a camp fire liter etc (these come in handy on a camping / other expeditions).

[

With reference to design constraints ...and the very nature being a DC, the bulb for night vision, a cigarette lighter be encased in a small metal shell a top a spring such that it protrudes out of the handset efficient/effective utilization.

]

Note: The night vision bulb properly placed on mobile/multi utility charger With holder / Proper flap to wear around the neck / a clip to clip it to belt/ other clothing as in a Erickson mobile unitscan be used as reading lamp while on Bus / train journey's Or camping etc.

(using a adjustable concave lens as in a camera or a telescope with a reflective surface as in a kaleidoscope ...a fire kind of effect or razor sharp ...focus based light particle can be obtained ...used for breaking ice or igniting a camp fire ...etc

To achieve the purpose ...a mechanized means of how a optometrist measures the eye sight ...kind of projecting the light from inside ...for instance ... Intel or mercury cam ..or sphere ...should the interior be a reflective surface ...may be used should the case require]

This may also be used to suit the purpose of hair remover ...kind of electrolysis ...kind of using a candle to burn of hair to roots.

)

488) With availability of several marine life forms like starfish and also some flies etc ... exploring the idea of cultivating harmless forms of these life forms in aquariums ... while these may not serve the purpose of producing light in a utilizable form

...these may serve as articles of show piece / decoration in elite house holds / corporate environments.

489) How should a bullet/pellet be like for a hand gun say called as a pistol ...can be extended to even rifles / machine guns etc.

Upon hitting the target ought to be ensured that gunpowder disables the target viz. kills / tranquilizes.

Ideal design ...

β---| ... viz. the arrow being a capsule consisting of the gunpowder

a) capped with a metal seal whose radius is larger than the capsule itself

logic being upon hitting a target ... in some scenarios while the capped seal sticks / stings to the outer surface of the target and arrow/capsule portion pierces through the target resulting in desired result.

b) with a metal seal whose radius is exactly same as that of the capsule itself, and additionally consisting of a minor(tiny) aperture in the seal ... logic being while the circumference sustains the momentum with breaking the seal... and the aperture to be sealed with a polymer(carbon/plastic) that can melt at the body temperature of the target.

This fits the most hand guns currently being used in the market, while several instances have shown targets having survived in spite of being hit, ... this includes skull / skeleton ... reason being gunpowder not getting dispersed properly.

This new pellet should ideally 100% securely disable a target ... reason being upon piercing the target the aperture on the seal of target gives up and disperses, the enclosed gunpowder (could be poison to kill the target or just sufficient to tranquilize the target) gets dispersed and achieves the desired purpose.

c) with pellets tip being sharper ... much like a mini injection module with the front portion consisting of minute follicles sufficient to disperse the enclosed injectile ...the whole pellet could itself be made of metal or whatever material that can sustain the force of the trigger.

Note: more or less all of these pellets can be sealed much the way the buttons used in tailoring are sealed (to be more specific they are termed as press buttons in common mans parlance).

using or manufacturing pellets with tips consisting of poison and magnesium ...fuel for a mini rocket ...that can be ignited with laser ...for hand held guns and for rifles (unlike the ordinary guns and rifles that give a momentum back ...a possible potential injury to shoulder ...the above given ignition takes place properly and an approximated trajectory (near straight line ...the long column found in a rifle should ideally ensure a proper trajectory for such a bullet ...making the column porous enable air-flow and ignition)

Note: In the above an ignition chamber that continuously is alighted like a candle can Or should ideally ...be able to fire or function as mechanized guns

490) Flavored starch powder can be marketed as ready to use off the shelf soups.

Note: Tomato, cauliflower...other dried and salted vegetables can be mixed along to make the soups tasty.

Similarly marketing flavored ready to bake mixes of Bread and cake would be a great hit,

with milk powder, flour/starch, sugar, egg powder mixed in right proportions FAT and yeast and any other liquids as may be required can be added before exposing the mix in the microwave oven.

Note: Similarly opportunity exists to be able sell fat in crystallized form which is not liquefiable at room temperatures (taking the above scenario into context).

It may be possible to pack fat/oil embedded in crystallized sugar (size and scope to be scaled appropriately to achieve the target) ... while this may not be a requirement ...this gives enough scope to be marketed for defense requirements.

(with the technology being offer in chewing gums ...derivate product should offer how fat/oil can be packed for ready to cook food ... usually used / utilized by groups in services viz. defense, security etc making a good solution for those catering to UN, NATO etc)

Banana's being rich in starch ... can be marketed in powder form (a derivate to be developed) and be blended with various ready to use mix's and marketed.

A derivate of milk (usually a lactating buffalo, cow ..etc) ...preparation of kind sweet curd, ...its derivate marketed as china-grass (usually found in parts of guntur, ap, India) makes good exportable commodity (a kind of dried milk powder or its derivate)

491) A evaporator/moisturizer can be built in a gulf /sea water ...while heating could be a option ... electrodes are prone to be deposited with salts.

... taking out of the material used in the candles usually used in water filter ... a giant suspend-able container made of such a porous material that can be put / anchored in sea ... with the availability of filters that can filter salts dissolved in water up to few 0.xxxxxx micron units.

From the above hence it should be feasible to draw potable water / implement a moisturizer ...etc.

Note: These make a worth while add-on's to submarines ...being mobile can be used to cause rainfall in catchment's areas ...to replenish water in perennial rivers.

Also the feasibility can be understood with the way fresh water is available in LAGOONS.

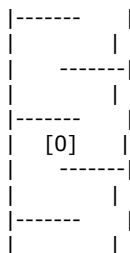
492) It would be a worth while enhancement to enclose a palette consisting of all scientific symbols / notation with all text processors.

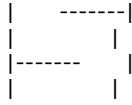
493) Tamarind powder offers a great opportunity to be marketed.

Contrary to the traditional methods used ...letting tamarind ripen ...one can extract the soft tissue / paste and expose it to light under greenhouse to obtain powder form.

Alternatively drying the ripened tamarind under greenhouse should give up the overlying hard shell to breakup.

494) Principles to be kept in mind while constructing security outpost / toll gate /check post / entrance to a fortified enclosure /path ways on a down hill steep slopes etc for routine specific emergencies.





For instance the above figure details how a barricade should be built for a outpost (for any of the case scenario's mentioned above) denoted by [0].

The above scenario is a tract (path way) on which cement/wooden structure's have been placed such that just enough room is given to largest possible vehicle/object that can go through the track, this brings down any speeding target down and forces to slow down, due to the zigzag maneuvers that a speeding vehicle ought to take to pass through the track.

- 495) Most sampling , data collection, from a statistical purview offers several forms of representation of data specifically pictorial viz. histograms, line charts, XY disperse , pie charts etc.

For instance several Decision support systems provide interfaces for automated plotting , once samples are collected.

PIE charts give most easy to understand interface for almost all kinds of sampling.

Different colors can be used to represent different samples.

To represent all the set theorems within a pie chart , the interfaces to generation of these software modules ought to be modified suitably.

Addition while plotting in some scenario's reducing circumference of circle on con-centric Circle's viz. a circle within a circle can be used illustrate the scenario ... viz. the scaling in the radius of concentric circle's can be relative to a scenario... for instance in a geographic domain taking the scenario a cable TV ...

- a) Total population within the area P
- b) No. of subscribers in the area S
- c) No. of subscribers to Pay TV channels A,B ...this can represented as two concentric circlesthis scenario should be able to give both A union B and A intersection B. With A being represented by a different color and B by a different color.

Kind of 3-D visualization with a pie-chart is possible...where presentation by means of Concentric circle's each with a different color ...while radius/size of the circle doesn't have any Interpol table meaning with largest domain itself ...with each color being able to represent the size within the largest possible domain.

- 496) Enclosing a capacitor at all outlets to draw electricity helps, it not only helps prevents electrical devices from getting spoiled from voltage fluctuations, it also prevents excess being drawn from a outlet viz. ensures load structure is in place.

Hence embedding a capacitor on all outlets in household/office environment helps viz. switchboard or extension box's.

- 497) A fractal being a computed generated algorithm for a visual pattern for a specific duration.

Deriving from above a audio pattern for a specific duration, hence algorithms that can use standard set of musical keynote's and Pitchfitting the above definition.

- 498) Flexi setting arrangement in air-conditioned vehicles such as Volvo Bus

viz.

- a) Deriving from the kind of chairs available for seating in a office environment seating whose height and position can be varied.

b) In addition to a) A Multipurpose transportation vehicle, should the seating be made optionally removable Picking from the kind of seating in a office environment chairs that are as flexiblewhich can be anchored /plug-able to some sort of arrangement into the wall/side's of the bus say a sort of plug-able ROD/metal bar(that can be position at the point usually where an interface for adjusting the position of the seat is available) that makes the chairs anchored.

This paves way for a multi purpose vehicle that can be used for transportation Of goods in a cold freeze/air-conditioned environment optionally.

Note: The concept as described in b) can be applied to seating viz. back seating In a car ...picking up from how bar's for a curtains or blinds for windows are affixed, a complete flexi seating giving the flexibility of a mini wagon/car. (To be more specific for the kind of seating one may refer to Mr. Paramjeet Singh /Sridhar Sarathy of Corio, Inc. , 6B diamond district ,airport road, bangalore ...which were manufactured and imported from Malaysia.)

Note: The kind of seating module's used in a aircraft with a button that triggers electromagnetic based interface for the function viz. stretchability and comfort...feasibility of the interface to be ported to the seating modules used in a VOLVO kind of vehicles.

(Also explore the feasibility of seating module's used in aircraft to stretch up to or more than 135 degree's may be explored in a aircraft used for long haul.)

499) A flexi tent laid with photo voltaic cellsthat can be used in green house farming....if not tentflexi modular units that can coupled into a structure, To be able to harvest solar power to max possible extent on a green house tent. (The idea is deriving from the kind of strips used in a calculatora kind of foldable flexi tent can be derived/built uponsmall units that can be retailed , viz. used in camping and other outdoor activities)

Since green house farming is done indoors building these units much the Way the farming units for poultry are shaped makes a sensible idea.

Note: Green house farming is specifically advantageous as produce is usually Pest and pesticide free.

500) Recipe for a highly volatile explosivekind of a hand grenade.

Kerosene or other inflammable liquid packed in a appropriate container With few ounces of phosphorous stored in the inflammable liquid.

As one is aware phosphorous catch's fire upon exposure to open air viz. combustion takes place.

Note: Based on the requirement a brittle container something of the sort Made of glass or a container made of carbon polymer like in a hand Grenade can be used (also for hand grenades to be effective while Dealing with live stock or other dispersal packing few pieces of glass Would be highly effective)

The above can be planted at specific junctures to warn trespassers into a private estate, fencing of borders etc.

A modified form of the above kind of fire flower pots popularly used in festivities In parts of India and china can be used to tackle mobs in sports and other Festivities viz. instead of explosions etc ... the fire pots shoots up with fire with those breaking /trespassing barricades susceptible to injuries by burns.

501) While the concept / idea might seem lackluster at first instance is worth experimenting whether in sporting events or at other conventions etc where flag hoisting is done, many a time one finds that to be able to identify the flagsthe flags ought to flutter, without wind fluttering is not possible Making use of a minor table fan kind of

structure powered by battery / electricity as the case may be funnel air to make the flags flutter.

502) For private estate's / other high security zone's Where fencing etc is a norm ... usually a electrified fencing etc is used Viz. with respect to increased technology and automation gauged wired used for fencingwith sensors placed at all junctions where hankering of the fenced wired is done Generation of alarm and point or source of activity / trespassing based on tension applied In automated monitoring based security zones.

503) Ways to tackle/stem water borne insects / pests including mosquito's.

Let frogs(tadpole) breed in the surrounding puddle , nala , drains or other water bodies susceptible to be the breeding grounds for these kinds of pests Logic Being larvae of these pests are part of the food chain /diet of these amphibians Hence stemming the growth of these pests.

Alternatively by sprinkling these breeding grounds with kerosene, neem , cotton seed oil which acts as hurdle for the larvae of these pests to breed resulting in stemming the growth and hence preventing hazard / disease spread from these pests includes both human to crops.

Kerosene or naphtha derivatives work as good repellents as they evaporate quickly Being flammable posse an amount risk But the quantities in which they sprinkled should be safe enough....by the way most oil seem to be a hindrance for growth/breeding of the pests.

504) eco friendly cloth based containers for storage purposes out of jute, cotton or other yarn

Bags made of jute have been traditionally used for storing food grain etc These bags being porous prevents insects/pests from effecting the stored grain, (the above can also be used for retailing off the-shelf products viz. 1kg, 2kg ,x grams ...packing assorted or cleansed grain etc ...where green house farming is feasible coriander grain... jeera , elaichi ...where longevity of the product is cause for concern)

Jute based bags suitably modified can be used for temporary storage of used / soiled cloths until they are rinsed or given out to dhobi for washing ... these kind of jute bags (ideally suitably modified for the purpose with a metal / plastic frame) let free flow of air prevent the cloths from getting rotten (let sweat dry and prevents from fungus brewing).

[

Alternatively traditional containers (hand woven) from thin stem or bark usually used for transportation of fruit / vegetables can also be used for the purpose, ...retail-able as baskets, drum or barrel shaped with varying capacity ...grain can also be retailed in these containers ...these can also be used to create trays or crates to hold cool drinks (basket in which wooden structure or coconut fibre moulded structure in the basket to hold such articles (cool drinks, eggs)

]

Innovative packaging for consumer goods usually retailed in pouch or aluminum or tin foil based packets or carbon polymer based packing ...for consumer goods usually that can be marked brittle or handle with care ...double packing can be done ...i.e. a packet on packet ...while the internal packet consists of the contents ...external packet can be air filled bag ...creating a kind of cushion ...hence offering a good option of rack based retailing done in malls and supermarkets.

Transparent polymer makes a appropriate option for the above kind of packaging

Note: the above comes in handy for packing biscuit, breakfast cereals and other goods that are Brittle or get defaced ...for deriving the concept one may refer to packaging done for glass and porcelain goods.

505) Alternative to Drainage systems for country side.

Jute being a readily available material in the most country side environments.

Thick Layers of Jute nets(shaped containers) bound together can be used for filtering water from other stuff, say kind of stuff in a drain they can be used in the country side for building lavatories(a problem usually faced in these kind of environments viz. Clogging of drains ...and overflow etc ...one of the life style problems usually faced in Rural environments) , harvest night soil dump it else where usually can be used for compost other purposes.

Note: The above can also be extended to urban environments.

506) usage of fabric's derived from jute.

Denim derived out of Jute blended with cotton with jute on the exteriormakes good gold like finishmakes a hot salable stuff in the market, It is to be noted that this is different from khadi /khaddar ... derivate of cotton, This fabric shall have specific advantage both for rugged ness and can be used For people on blue color jobs on some kind of terrains.

Fabric derived out of pure jute (can be dyed should the case be required viz. any color) can be used for coverings (dust and sun shade covers) for vehicle's and makes a better alternative than Rexene (carbon polymer) both on durability and wash ability.

(while jute may not offer the protection of rain / water it is to be noted most of the vehicles are mostly unaffected by water /rain except those that have a ignition problem.

)

507) Designing Head light'sdriving on a high way etcwhile the case/ scenario may not be applicable for those using lane system or those not sharing the same track of vehicles plying on both the directions.

The Head lights can be either painted half which was usually the case, or the desired Effect can be achieved by carving out the top portion of the headlight such that the sector /trajectory of the light is cutoff ...with a protruding cover for illustration this looks muck the scenario/ instance when a notebook is placed on the top of battery light.

Say.
$$\begin{array}{l} | \{ \text{body of a vehicle} \} \\ \text{---} | _ \{ \text{notebook} \} \\ \quad) = \{ \text{torch/ battery light} \} \\ \quad | \end{array}$$

[Note : for highway based driving etc ...modifying head lights ...with concave lens based shell ...with an optional interface to control the focal-length...for achieving proper projection of light would be ideal

To achieve the purpose ...a mechanized means of how a optometrist measures the eye sight ...kind of projecting the light from inside ...for instance ... Intel or mercury cam ..or sphere ...should the interior be a reflective surface ...may be used should the case require

]

508) Gauging a client's feedback on the web / Private intranets

Having done a innovation with reference to one of earlier projects undertaken at adesta.com ...viz. part project being greeting card module (while reason and intentions seems to be dubious) the innovationgauging the feedback from recipient of a greeting card ...logging of the recipient's viewing the greeting card by logging the event in a database.

Usually the above event can be handled by JavaScript efficiently ... viz. a URL (should the case require ... the URL display can be done in appropriate content type ..encoding ..to support the event on the client side).

URL supporting a on click event ...that can be trapped in JavaScript

Asynchronously or parallel manner or simultaneously at a time

(

kind of threads advantageous in the context that all processing happens on remote servers ...potentially load balanced) viz. one window function(current... a stub window to be opened in whose context the required function can be executed.) to register the feedback on the server side ... a new client side window(with URL set in the address box via. a JavaScript function) to be directed to requisite URL.

Note: The above is of importance ... with reference to the time consumed by the client to be redirected to target URL (a database logging ...could be time consumingand also should the above be handled serialized manner)

For instance the above hold's importance in the context of where gauging the no. hits for a Banner-AD on website or for a specific URL in the results of a Query for a search engine.

The onclick event for specific urlclient session being taken to the host Website to gauge the response for a AD or host search engine website (logging of the target url) and a http redirection to the target website) carried in a sequential manner ...the process can be expedited By using the concept/logic as described above.

- 509) Due to non-existence of compatible data formats ... either due to brand variations or lack of standards A universal format that lets data transmissions between all types of mobile device and computing platforms viz. either through cable based or wireless(termed infrared ...but is no more than a mobile to mobile (WMD viz. wire less mobile) communication viz. a transmitter and a receiver, vice versa).

Note: XML DTD format based documents and communication streams score an Advantage for the above purpose both being plain text i.e. ASCII compatible ...binary compression.

- 510) The current level of Genetic and Bio-informatics capabilities include the ability to pickup DNA structures from several / across living beings ... Encode them into a DNA structure and implant it into embryogenerate a living being with unique characteristics or of specific requirements viz. biological warfare or defense what ever it can be termed.

Challenge that can be posed to Genetic Engineers : Design of a Species

Memory as a characteristic in living species is identifiable to living cells and structuresthe ability to encode specific data / memory of a living being into a specific / artificially created gene ... implant it into a embryo viz. the ability to pass on the data/knowledge from generation to generation through biological reproduction(over genes encompassed on to DNA structure of a specific gene) giving possibility to species that can be used as / designed for specific purposes viz. the ultimate requirement of division of labor or kind of robots for safeguard the supreme/ life forms in higher / those who claim themselves to be in higher echelons of power or intelligence.

- 511) In most commercial to home based cooking They require a kind of furnance, termed as bhatti in local parlance in some countries A viable / easily accessible model of the furnance to be made out of kind of metal/polymer used in non-stick

cookware(easy of washing) and that can be operated viz. source of fuel being CNG or a electric furnance, size flexibility of compartments to be scaled for appropriate size, to be modelled on the lines roaster(toast maker) used at breakfast table.

A optional kind of blower ...using a exhaust fan or a vacuum machine for the above ...one may refer to the way traditional craftsmen in India use a mechanical hand based blower to let charcoal burn (usually used to smelter metals like aluminum , copper)

A exhaust fan or vacuum machine fitting appropriately into the heating and cooking ovens ...a range of kitchen ware (kind of faber cooking range ...brand name for illustration only) ..or be provided with ample ventilation

512) Selling refillable sketch pens and markers are great opportunitywhile re-cycling offers an optionthe composition of these instruments offers the luxury to refill.

(While most institutions have opted for marker based writing on boardsboth for the comfort of the audience and the lecturer ... with the availability of a projectorsthe above in co-ordination with computer/PC offers the flexibility combined with the availability of many digitally constructed , well articulated and illustrated tutorials/lecturesunder the guidance of a instructor, also in many a situation where some experiments (scientific chemical/physic's related that are not viable cost wise and effort wise ...offer a better platform to be illustrated and explained) .

A small(pen ... these days the one's being shipped from on a mobile may also be used For the purpose should it fit the scenario) torch with a thin array of light (colored) can be used for the purpose of / in lieu of a indicator /wand while illustrating / lecturingthat fits above schema of things.

Additionally a similar device(small array of light based indicator) while using projector (when the source is being projected from a computer based display as a as source) , Explore the potential scope of the pen torch replacing / functioning as a mouse for these purposes ...using infra red/ GPRS as a source) ... it should be possible with reference to using a sensor based board / using pixel scaling ratio as used in a graphics adapter(with the availability of touch screens sensitive to touch / light , Plasma screen based etc ...a specific stream of light can be potentially reserved for the purpose ... potential scope or standard for future generation monitors /screens to be used along with a computer.)

Mouse pads ...viz. for those using ball based mouse usually are subject to malfunction Once dust accumulates on the balla good solution to the problem is to use a Mouse pads coated with cloth ...ideally a cotton derivative ...viz. kind of the one usually Found in a bandage , alternatively mouse pad's can also be made of coarse leather Surface.

Dark SUN glasses usually can also be marketed to be used for those sitting for long Hours before PC or computers for relief against strain from monitors viz. radiation / Anti glare (alternatively mercury based lens can also be used for the purposethose Which change shade on exposure to sun light).

Note: Lighting being of the major factor that has the potential to impair eye sight while working at PC or Computer for long hours , Hence proper lighting arrangement that is not strenuous to eye should be ensured. (ideally speaking multiple source of light near a computer should be avoided, light coming from multiple sources collude creating diffusion of light ...also called glare ...working under these conditions can lead to ... eye disease like glaucoma, myopia.

513) Some patients are declared brain dead by doctors instances of those who have lost consciousness and pronounced to be under COMAunderstanding the phenomenon called COMAbeing a deep slumberstate of sleep REMwhere brain still functionson a additional notewith the current level technologies that are able to pickup the vibrations of a vocal chord of a individual,sensors used in mobileone can opt to trapping the frequency and utilizing the same to monitor the state of a individual.

- 514) The cartilage from ear portion of patients can be potentially be explored to be used for replenishing the necessary soft tissue in knee portion of patients suffering from arthritis.

Also the skin / tissue from ears can be used for replacing skin / in reconstructive surgeries like Anal/rectum(for some kind of conditions that are usually observed in ladies/female) reconstruction.

- 515) while arranging the lighting viz. named flood lights for night time lighting for events organized in outdoor /indoor eventsfor instance one may refer to lighting used in cricket in day and night match'sinstead on concentrating /flooding the light from a single array concentrated atop the polewhich is a obstacle for the players facing the lightsspreadingdistributing the lighting into small arrays of lights.....spread across the stadium is much safer or player and viewer friendlyto illustrate instead of concentrating 100 bulbs atop each pole(in a single array) on 4 to 5 such source of lighting for a stadiumusing 10 to 15 bulbs in each array and using 20 such source to lit a stadium would be much optimal usage.

Viz. in lieu of 10*10 in square box ...using organizing each 10*10 box's into 1*10 of 10 rectangular box's would be more sensible.

[
alternatively most of the existing square box's[board] atop each pole may re organized such that the square board is rather a kind of stair viz. the or strength of lighting varies or is less strenuous to the human eyewhile facing the source of lightorganizing this concept using the above mention formulae should ideally be able to give optimal result

]

- 516) Tube light being vapor based lampfor reasons best en-visible to the designer comes along with a starter (could be a capacitor) re-designing ...the above kinds of lamps with capacitor as used in most extension box'soffers a variety.

.....for the kind of lighting used in 515) this offers a viable option specifically with reference to being on single board all of them drawing source from a single source.....may be applicable to lamps(high voltage) used for street lighting as well.

For instance ordinary non vapour and filament based bulb or lamps (candle 60 watt,100 watt) ...can be plugged into a socket ...sitting on two pins kind of cushion ...both or one of these pins can be designed to be a capacitor or fuse

- 517) CD read/write drives ...now being easily accessible and availablemass manufacturing CD (Compact disks) in the size's of viz. pocket carriable ...a say of 150, 200 or 300 MB (ideally the size of a floppy 1.44 diskette) capacity offers great market opportunity since being portable in size ,compactness and flexibility to be easily carried in a pocket.

A medium(marketable as floppy/ compact disk /hard disk or other shapes etc) on to which it can be written again and again using refillable magnetic ink modules into the writer that draws its source or the read write head draws its source/ replenishes itself as when required from the module (marketable as a bottle/cubes/kind of carbon cubes or sticks that can be injected into a slot on the writer)

On a tailoring requirement many a time one finds that lot of plain cotton thread usually used in stitching One finds that using appropriate color is a requirement using a small compartment that can host a bottle(modified suitably ...with a needle / filler like tip ...with sponge ink filler dipped into bottle of liquid a aperture on the top of the needle / filler one may refer to the ...refillable ink bottles as shipped for pilot pens)with color(permanent natural or chemical derivate based) liquid an aperture through which the thread can be drawn colored .

Most ink'scan derived ...as glue in combination with pigmentation , hence neem derivative base gum and pigmentation ,coloring agents...as derivable from above should suffice.

Innovative Floppy design ...with a transparent encasing ...and carbon film or coated ...disk encased in the floppy ...with Optical read write head or Optical magnetic Read write head ... as currently available in the market ...while the idea or option of two side used viz. side A and side B as in the case of old 5"??(viz. more or less the size of current day compact disk) floppy diskette's can be explored

Ability to store 600mb-700mb up to 1.2gb of Data ...in a 1.44 diskette by using side A and side B

Design can be optimized such that the rotate-able disk within the floppy or storage instrument ...is remodeled on the following lines ...the diskette on which data is stored(refer to compact disk) ...has a elevated circle (both sides) ...smaller in radius a concentric ...and closer to the center ... such that when such a storage medium is encased in gets crusted or hosted on a narrow alley (kind of tiny balls being stored in a ball bearing) ...refer to the manner in which a flap(press button) is used to seal a pouch or fiber based container for packing consumer goods ...the above can be safely be presumed to be derive from a compact disk (with both the sides as useable and the non coated portion of the diskette being either having more elevation then the rest of the diskette or a thin elevated circle on both the sides of the non coated portion of the compact disk ...and such disk hosted in a encasement ...with read write heads placed suitably)

ideally it can be described as tape or compact disk medium around the wheel on which the tape medium is usually wound in the popular audio cassette ...picking up the same attributes ...from audio cassette instead of a tape around the axis of the wheel ...a optical or magnetic disk medium is present

Given that encasement in which the data medium is hosted is transparent ...based on comfort ...and technical feasibility ...read write head as is the case in the existing compact disk drives or as is the case in a floppy drive can be used ...the idea is to leverage maximum storage capacity out of the size of a floppy as a medium ..and derive maximum durability(scratch proof).

[The slot or insert-able medium into compact disks , floppy drives viz. computer peripherals can be designed on the lines of a semi open or close-able lid ...for instance refer to cigarette pack's consisting of 20 butts]

518) In most flexi work environments applicable to most enterprises/ concerns ...where work can be carried to home or data can taken home for processing/ work related data of the concern/enterprise can be accessed from home...

While data happens to of utmost/prime importance to companies and enterprises ...theft of data poses not only risk but uncertain future of the concern/enterprise ...most companies allow laptops to be taken home(keeping apart the other perceivable / comprehensible meaning aside) ...this data shipped on laptops could pose risk ... like development of virus/other tools that may undermine the company to other potential risks ...while shipping of data can be legible ... change of hands ...or duplication can pose risk.

...custom built laptops / PGP kind of utilities / components to OS(custom built OS) that can be configured such that data does not or cannot be taken/shipped out of companies/ concerns premises ...including intranet ...prevents duplication of data on to CD or other mediumincluding disabling devices to connect any or all devices on Intranet in loop back mode (prevents data being theft in undetected mode.) viz. that is to disable all network cards on the intranet or those belonging to enterprise to be configured in loop back (viz. ...no IP address other than the pool allocated or present on enterprise can be configure on to these network cards including private ...other network IP addresses ...customized network card IOS for these cards ...which recognize compatriot IOS of a device to be able get connected ... these leaves all data transfers possible only through routers ...which can be monitored or under the watchdog of a scanner).

Ideally speaking most custom built ordered devices can be requested for specific/ customized serial number(ideally encrypted/non decipherable to be used for the kind of windows digest algorithmto be used in lieu of a digital certificate nature of of medium) or other unique part number as prescribed by the orderee / client or customer ...this lets all data carriers(floppies ... Compact disks ...hard disks ...pen drives ...other medium on which data can carried) to be compatible with specific hardware viz. data burnt on these mediais encrypted or cannot be read on other similar drives ...absence of a decoder or PGP kind of signature decrypter.

519) On Bills, Bank balance statements charge readings (cess) ...etc ... given by commercial ,enterprises and concerns it makes sense to offer basic help guide lines/operational guide lines like

- a)Places at which cess can be paid
- b)Timings for which a concern is opened (operational timings of banks, concerns etc)
- c)A contact number at which the particular branch can be reached upon (Help Desk)
- d)A instructional map to reach the particular concern

Note: The above also offers effective utilization of space on these sheet papers Issued.

520) In most VDU units viz. monitors, television screens (including dot matrix screens) etc ... Radiation being the strength of the cathode ray's emitted ...which in turn can have an impact on the display (best illustration a old black and white television), an interface to control these attributes (viz. contrast ...etc) on a scaled manner much like the controls found on the palette found in Visual Basic or as found in Sony brand of mobile devices or frequency scanners in television sets or a numeric indicator scaled to points out a score of xxx numbermay be provided through remote and non remote modes specifically for television sets.

Note: An optional displayable clock in a television sets.

In TV remote controllers and handsets ...ability to store in a stack or queue ...'n' number of FIFO or LIFO based browsed or surfed channels or websites (kind of favorites or history in the context of a browser control) with a suitable interface to navigate

For VDU ...which may get heated up on usage ... a exhaust fan ...for cooling and ...also a potential scope for sealing them ...with flap or door or a auto shutter when not being put to use

521) Most households in Indian subcontinent and across ASIA consume/use spices (grained powder of spices) in food preparationsince these are used in small quantitiesgrinding them is a issuea small utility(on the lines of one used to squeeze lemon) to grind/crack these spices(pepper, elaichi , bark/tissue used in biryani preparation etc) into fine grind powder.

Similarly one on the above lines that can be used with dry fruits (walnut, badam etc)

Note : The above is not same as a grinder etc this is for use of much smaller Quantities of the grain/spice and uses application force .

A multi-purpose very mini automated pounding machine operable by a electric motor, that can be used by a cobbler, sweet meat shop's (popular silver foil), house holds.

522) All soles/cushion for footwear (either for normal use or sports use) should be such that they should act as a shock absorber when a individual takes up any physical activity against his weightthis prevents the feet/sole from cracking.

Additionally shoe sole's can be made of internal hollow chamber with rim, Such that the rim can be stitched to shoe upperand the hollow chamber can be filled with ...hollow fibre say Paraxylene (Hollow fibres with high bounce and resilience) based washable.

523) A customized web based ASCII editor to create online documents

viz. XML DTD documents, html documents

Note: Web based editors may be customized ... create ASCII documents that strip out HTTP encoding of characters upon saving the document, On the server side ... using either PERL or other parser to strip HTTP Character encoding, JavaScript based parser may be used for validation Of the document being created confirming to XML DTD standards.

This shall come in handy for at various instances viz. XML based EDI interfaces For online B2B or B2C transactions and at specific requirements viz. creation Of documents ...refer to project detailed in 476), 477) ,478), as a utility to converting HTML Documents/content to plain ASCII text documents.

Alternatively a HTML based front end based system can be used to create A XML DTD document in the background.

524) A low frequency transmitter that emits ... sound / noise can drive away quite few pests in the vicinity which can be used in open air farming ,as well green house based farming alike ...ideally any place where there is scope for stagnant water has scope for breeding pests.

Similarly a very low frequency transmitter ...may be used that creates resonance/vibration effect in liquids ... That can be used in a micro-oven.

Designing the interiors of a micro-wave oven such that heat is trapped ..metal ..can discharge heat ...possible vacuum packing (concept that may be borrowed from containers for storing hot coffee or milk in flask's) ...black ..absorbing heat ...gets heated-up quickly trapping the heat ...hence speeding-up cooking as a process

Designing solar based water heaters...based on the above ...exposure to the sun light ...water stored in a open top tub with the surface of the container made of black metal ...heat conductive or conducting ...surface of the container made of reflective surface or alternatively apportioned as say aluminum ...water in which containers gets heated-up quickly

525) Just like Mida(starch) flour being a derivative of potatoflour extracts can be derived from sweet potato, carrot and other root based vegetables.

These flour extracts may be explored for use preparation of various dishes and Delicacies, for instance flour extracts from sweet potato can utilized preparation Of derivatives used in ice-cream.

526) A eReporting(CRM) targeting print , electronic media , Advertising and PR Firms, With a web based front end, uses a database , and combination of File system to create a digital library / database to make available a readily accessible archive.

Print Media : News papers etc,

- 1) some make use of standard typeset fonts
- 2) some make use of electronic print media using digital printers.

Offers an advantage making use of storing the data in the database in binary format, as has been described in one of the points above, advantage being these can be Rich text enabled, i.e. vernacular fonts need to be ported into the existing international Language encoding.

For instance, page layouts of news papers / magazines can also be archived using Html/front page kind of plugging/,

i.e. a specific editions layout itself can be stored /achieved to database / file system.

Contrary to the existing limitations that make use of a standard layout and dynamic data retrieval from database.

Requirement a web base secure reporting eReporting (CRM) , a medium sized high end array for file systems (say to store up to a years database) while the rest can be archived into optical disk Format.

Advantage the above can be converted in to a web reporting format either font based / image Based or into a print media using digital printers.

Problem Definition: A easily accessible ,archive / database of resources for media industry.

Solution: Most reporting (text ,voice, streaming media) can be documented as XML DTD files (XML files are nothing but files with defined schema / attributes)

Best possible solution (there are SQL database engines that operate on files based in operating system Files).

A SQL database engine on the top of a file system,

A dynamic catalogue builder (an index that is built) as XML DTD documents are saved in to the repository.

Hindrance at some point of time a file system limit will be reached, resulting in a requirement for addressable and expandable file system, as quantum of data keeps expanding the usual high end arrays may not be sufficient.

Use the concept present in the TCP/IP router viz. a packet is routed to a destination,

Requirement: route the request to a host that is hosting appropriate data archive / database.

The front-end host that picks a few attributes from the document builds the catalogue, Forward the request (data retrieval)/(data storage) to a specific host in its catalogue.

Note: Since it is essentially a distribution of task and addressable file system size, Part Solution as addressed in 256) , a set of hosts using shared disk (very high end array), Since it happens to be distribution of task, it could be distributed among set of hosts in a private network / over VPN for hosts located anywhere on the internet.

527) Having pioneered online classifields / yellow pages implementation with PHP through database as a backend at one of the earlier assignments with CITINET InfoTech.

Current Market Opportunity :

A yellow pages catering to workshop's ,manufacturing units that covers including those located in industrial estate's , special economic zones, (export processing units).

Including /Designing all (contact information in) classifields/yellow pages as downloadable format (.vcf ... visiting card kind of format) compatible with address books and email clients gives maximum market opportunity for payment based services.

For providing the customer's with ability to create their own classifieds / yellow pages publish them on a web server /directory a online html based web page editor can be utilized additionally one may refer to the page generator implemented at FAPCO.NET for www.alghanim.com.

Note: The above format should have scope for embedding images and also The scanned signature of a potential client ...with most of the potential transactions being using trade bills/bill of lading/bank related instruments etc ...this should ideally imbibe confidence when these transactions are translated into physical paper form based agreement/valid contract.

Additionally with the availability of High Quality Printers accessible with a Desktop Computers and Photo Quality Print paperone should be able print visiting cards , just they way with Digital camera's providing the facility to print copies of photographs.

From the above, with reference to WHOIS lookup viz. the information of a internet Domain Owner would be ideal to be made accessible to be downloadable ... in .vcf or any suitable downloadable and compatible with mobile , desktop based email clients and address books.

528) Ideal Implementation of a Web /HTTP Server.

Having pioneered the concept of a site search utility one of the earlier assignments with CITINET InfoTech and the concept HTML form representing a data set with reference to a project viz. greeting card module undertaken for www.adepta.com

A search engine to be based on XML RPCmechanism ...refer to another work at adepta.

With many / most of the websites/ web servers forbidding/restricting/limiting the access to web pages the web bots with reference Security /intrusion and other reasons.

Requirements for new Product :A mandatory feature to all Web / HTTP Server's.

A Web Server that is shipped along with a feature /option lets searching of the websites Hosted through a utility/interface that takes/accepts a list of keywords from a WebBot...and returns a list of all URL'S of web pages (including those that are draw their content from a database ...for indexing/searching the content on a database ...web URL'S accessible as XML DTD pages) matching pattern.

A kind of binary utility that works based on XML DTD-> RPC interface and functions of the lines of a search utility shipped with MS Site Server.

Note: The above ideally fits with the concept/product features mentioned in 16) , 145), 164), 258), 271).

[

A web-bot a site indexing tool....that can parse content ofbinary files viz. .zip files, .doc (word files), .pdf ...etc ...invoke appropriate file handler based on MIME type(say windows file type), use a dictionary tool for extraction of key words the file (alternatively one may refer above to the common set of words that can be eliminated ..viz. derive custom dictionary for the purpose ... and obtain the text to be indexed), the specific content handler's find /search utility, plain text mapping/indexing for data extraction / conversion to SGML/XML data type, provided available interfaces auto conversion of the content to a SGML compatible formats.....download feature in the multiple popular format's.

(This is unlike to search engines ...which have a client binary tool installed on the host or website for broadcast of indexed content to host search engine)
]

Note: Additionally for the above purpose viz. web-bot that parses content from binary files ... based on file /mime handler'sa kind of re-usable module like that of telnet.pm that can capture the content from a console, and also contrast between the background and foreground text of a window ...when data is passed on the driver handling the visual display unit where applicable(coarse parsing of text)

[
It may be noted that using kind of unix head utility and meta-tags based Search keywords for parsing ...a web-bot can develop or create database Of searchable index ...while this aligns with the author's perspective of the document ...more general indexing of documents (including web based), from the perspective of a query submitter or end-user ...etc varies ... one of the reason ...a web-site may not show-up in query results ...this can be implemented from the perspective of rating of a search engine and also the keywords submitted by end-user ...this contrary ..the standard perspective of no. of times or hits a website has taken place ...and more on the nature or quality of content
]

529) Soft drink's can be made out of the extracts (pulp extracts) of the following specie's of plant/trees/shrubs(same as dates) called acacia.

Their being available in several forms eetha (species found in parts of Andhra ... particularly tenali taluk of Guntur district of Andhra pradesh, india), dates(Arabian / desert regions of the globe).

Note: A syrupderived out of the fruit karakha kkaya, a traditional prescription for coughon personal note ...data received from Family resourceswhich came later into marketable form In a sweetened form called coca cola (with written records existing ... lost/stolen from maternal family tree in the last decade viz. shri NT Rama Rao regime)

Note: The above drink came into existence from the following parts to be precise Bhattiprollu, illavaram villages of the above taluk,

The bottled drink are traditionally let to be cooled in the following manner viz. bottle's stacked in shade under haystack/gunny/jute backs sprinkled with water and let off to the exposure of airthe same process found in chilling of water in earthen pots.

530) A night lamp embedded into exhaust fan's , overhead fan's makes effective utilization and offer a variety ...the above is based on the kind of concept based on dynamoviz. energy when a body is in motion.

Instance borrowing from the concept of [radium painted] key chain's etc that illuminate when skipped or rotated...or a vapor that illuminates On the above concept ion's or particles that illuminate when in motion.

Special illuminating lamps ...that illuminate while in momentum i.e. when rotating ...that can decorated on to the wheels of vehicle's ...while these may be a distraction on normal occasions ...they can be used on special occasions

531) selling menthol soaked tissue's (disposable handkerchief's) unit's of 'x', retailed in metro stores, rest room's of juncture's at air, railroad ,tram and by road would be a good proposition.

Tissue papers ...(paper napkins) can also be retailed in slightly effervescence form ,
...smelling or aroma of lemon ...etc

- 532) A power extension box ...with plug-gable sockets for power along the radius (width of round/cylinder shaped box or unit) with another rotate-able round shaped cylinder pluggable into the main cylinder on to which the extendable power cable is spun/woundfrom which power cord can be extended as per requirement.

(viz. to circles (cylinders) embedded within each other...with the outer hosting the pluggable sockets for power chordsand internal cylinder that can free wheel ... hosting the extendable cable)

Design scores ...as it gives space for manipulating the power extension Cable without disturbing the existing setup of equipment and also the Necessity to unplug the existing plugged-in power chords into their respective socket's ...

The design can be exploited for its potential flexibility in almost all scenario's and layouts of power cablefor instance function halls, housing units, outdoor events , industrial layouts.

A enclosed extension box ...for power cable's for all house hold, industrial units , say kind of washing machine's, fridge or refrigerator, television sets welding or painting units ... flexi ...cable extension mechanism ...on a rotate-able switch gear or wheelalso an auto cable winding mechanism ...would be ideal.

- 533) A innovative travel car ...design ...viz. doors of which are sliding (not as large as van)that makes effect use of space ... viz. the exit door to be designed such that each of the exit can be slid on to a closed exit viz. only one exit can be open on either side at a time.

(The above idea / concept can derived from slide-in cup-board's used in wardrobes.)

For automating or making door locking ...and wind shutter mechanism's accessible to central processor or sensor interlocking / inter-lockable Plug's ...once the door is in place or the exit is closed ...kind of the one's Found in SAN switch's modifiable for the purpose.

The 4 wheeler car or automobile design ...for use as a Taxi (...or yellow cab keeping aside the reasons they are named so) ...the back seating can be modified on the lines of the way a auto (a 3 wheeler based vehicle usually 2 or 3 stroke engine usually used in indian sub-continent) would be a viable option in some economies

- 534) Borrowing from the concept of SMTP server's that dump ...incoming email into a common folder or sorted folder ...web server's can enable/implement the feature upload from the client side using the HTTP form submit with action set to put ...such that file is uploaded To a default location ... which can be picked up by a script or program For further processing ... an alteration/extension to HTTP standard may allow /let enclosing , ideally a chrooted (linux / unix kind of encapsulation or protection mechanism) directory and its sub directories.

The above also should enable, the idea of uploading documents over email to a web-server ...would be good advantage for those into publishing industryand other's that host NTTP compatible servers.

- 535) Network traffic analyzerswhen sniffing over a network when recording or logging the network activity into log file (raw dump of network monitoring) or into separate log files of each of the sessions of the network card's in the

vicinity or subnet the logs can be encrypted or encryption can be done while logging itself ...which can be decrypted ...when a log is received for analysis by a company or based on the licensing issued on the product.

All network activity viz. data transfers , net browsing or other network activity including network management/ monitoring without encryption can be sniffed upon and potentially the activity can be viewed in plaintext since most non encrypted data transfers can be mapped to the content-type ...or encodingevery session can ideally be mapped and viewed in the appropriate data-handler (kind of CGI context or MIME context) ... the specific program for interpretation of the data can be invoked ...interpreted (or sessions can be replicated ...for instance the data transfer of ftp of a zip file, being uploaded can be handled the same waywith its handler program ...viz. upon save a file) on the 'host' hosting the sniffer.

- 536) Iron being one of the most abundantly found element on the earth, it makes a good sustainable / viable option to put it to maximum useviz. using it for building dwelling to other structures for public to private use.

Iron can be extracted from ordinary soil/land/sandby using an electro magnet ...that pick's up the fine...iron ...which can be dumped or extracted upon suspending the electro magnet temporarily.....hence a military tanker (being able to be row-able on all kinds of land terrain) suitably modifiable for the purpose.

- 537) An innovative concept ...a single ink cartridge that can be used to print in multiple color's ...kind of exposure to / concept found in a modern color television set's based on cathode ray tube's ...ionization/ electric pulse's ...found in an exposure based negative's ...that give's a color print on exposure.....this should be viable ...with borrowing the concept found in a Xerox machine [...recoating the film/sheet as is the case with diskette's are coated in hard diskexposure of the film on to the printable paper]....that dries or heats before the copy is ejected.

Alternativelypoly coating the printed paper so that the color's don't get fudged upwhile being ejected (concept found in laminating of paper sheets).

The above should fit in well or glue in with that of a laser printer.

- 538) The write head in a DOT matrix printer can be designed such that the length of the write head is equal to or as long as the roller drum on which the paper rotates, thus the ability to print a sentence at a go rather than individual sentence'sthus resulting in faster and efficient output.

Note: Using a kind of thin film sheet (much like the way a carbon copy is used for Xeroxing a hand written document) that can be recoated as in film/diskette in a hard disk or an auto refillable pin-head's that take up ink from a cartridge as in a sketch pen.

Printable paper in the form of sticker in various size's feed able into various type's of printer's and marketable in standard sizes.

- 539) One of the common problem faced with most printers used with a PC compatible printers being paper being struck or multiple papers being picked-up from the tray.

Proposed Solutions:

- a) A drum that picks up paper from the traykind of the way news print is picked up in publishing environments.
- b) A drum that is wrapped with a layer of coarse cloth or unpolished leather, such that a strip or a column on this drum is made wet, that picks up the paper from the tray deriving from the fact how

stamps or envelope's or dealt with or for that matter one can understand the concept how currency note's are counted in a banking environment.

- 540) A small chamber (a filter to purify or separate sediments) that can be attached to a PUMP set's used for drawing water from canal's, Bore-Wells etc.

The chamber may be designed that it can be cleaned by hand also, a Reverse or alternating function of the motorafter having drawn water, either setting it manually or by remote ...or a function which set it under cleaning ... a reverse sweep of water flush's or cleans the sediments back into the bore, canal or a exit outflow....should it be enabled with a intelligent sensor or processor.

- 541) Heavy water borne vehicle's viz. giant ships and submarine's etc ... can be made navigatable in shallow water's/ gulf bay's ...etc and on low tide's by using the concept found in submarine's viz. swallow/ draw water and release the water in sufficient quantities so as to achieve the density required for float and displacement of the vehicle.

- 542) An efficient way to catch fish in sea's/ocean etc ...is to device a means such that food for fish can be placed in the fishing net such that they can be trapped and taken as a enclosure.

- 543) Hydraulic / electromagnetic interface based auto door-lock and exit mechanisms as found / used in most front office /other corporate environments can be used for implementing safer exit mechanism's in train's / tram's...(say kind of metro rail mechanism used in Bombay /madras/ hyderabad /Calcutta or alternatively as found in most metro rails in other cosmopolitan cities in Europe/ japan / usa) using float glass and a / proper locking of exits in long distance or long haul trains.)

While the interface need not be based on electromagnetism.....the door's Can be designed such that they are self locking and can be released only upon operation of a lever.

- 544)Door's (to exit mechanism's) cupboards, shelves, ventilation for housing and dwelling units such that they spring open or kept at open at an angle of theta ...based on the tension in a compressed coil used around the hingesthus most of these exit's/closets to cupboard etc are left open when not lockedhence for most of the practical purposes for shelves and cupboard used in office to house hold environmentsmakes the Knob's redundantand a locking mechanism a must.

- 545) For most mobile restaurant's / vending unit's including those in trains and street side/beach side restaurantsmicro-oven's a better and safe option for cookingpower consumption friendly, also makes use of water content present in food grain, and ability to draw power from a flexi UPS (uninterrupted power supply units) rechargeable which are based on alkaline batteries used in a vehicle's or lithium/cadmium based batteries.

- 546) A natural digestive and laxative agent prepared from the extracts of pudina and waamu (either leave's or grain can be used), both of the herb's have been mentioned in the dialect telugumakes a good commodity to be retail-able as candy.

Extracts from medicinal herb waamu (spelled and pronounced in local dialect telugu) ...offers a good opportunity to blended with soft drinks (concentrate extract) ...as also butter milk (given the nature of the herb ...its known attributes to induce ...appetite offers a good opportunity)

- 547)Devices that make use of sensor for a timer as in heating utensils like the one's used in bread toast maker ...etc should ideally be replaceable

with a resistor (amount of heating is fixed or set using manual interface amount of heating required)....alternatively the kind of the concept as used in traditional clock's and wrist watch's those that are not based on circuit's ...based on a key ...kind of a stop watch!! (the above makes sense with reference to efficiency and effective use of resources).

Since most of these time clock's work based on the compression of the Coil ...for instance the default screwing lets the clock function for 24hrs, A stopwatch or timer that can get triggered based on number of times it is screwed.

Also based on above or a modified form of microwave oven ...with a embedded sensor that maintains the contents enclosed at a optimal pre-set temperature ...i.e. does not let temperature increase above the pre-set limit or fall below the set limit .

548) XML CSS based document editor's that can track change's and make them visible only upon selecting an option.

Also online(accessible over internet) document version tracking system that can make the document's accessible over a http URLwith the default pointing to the latest checked in or as indicated / marked as published ... version's trackable by the author.

A PERL regular expression's or vi editor's regular expression based pattern matching and text processing for GUI based document editors, document editors used in programming context and optionally a menu based equivalent option for the various regular expressions for the lame user(say being of the line, end of the line, end of the paragraph, beginning of the paragraph etc)

Document editors viz. both web compatible (Html) and other stand GUI formatting used for Desktop Publishing needscan enhanced with the following feature viz. auto numbering sequence or rows being numbered with each row split into 2 or more columns ... the 1st column denoting the numerical or chronicle sequence of the number of the row and the other columns containing data.

To illustrate more specifically a Cobol kind of editing requirement with the data.

549) A motor operated seesaw or jigsaw or zig-saw (used to cut planks, shafts of wood or tree trunk's etc) ...modeled on the following line's ...viz.

a) like a ceiling fan

batter or power unit -----[handle]-à*(see saw mounted on a motor) with the radius of the seesaw larger than the motor.....this much like a iron box.

b) As is the case in a washing machine.....

Motor ->a belt spinning the ... wheel for rinsing

See-Sawà [Motor with handle]------(belt that spins a small axis of wheel) On to which various sizes(radius) of rotate-able razor or rotate-able seesaw can be mounted and used ... (model/ kind of handy washing machine is currently around in the market)

Additionally the above can also be anchored on to the corner of a bench or metal frame ...for a more feasible illustration

c) One may refer to the way stumps in cricket are organizedwith the Middle stump(kind of tap shape inverted 'L' hosting the above kind of see-sawthe other two stumps beingbench's smaller in sizeover which plank's can bepushed, So that trunk or plank's be see-sawed

into two with ease.

| (handle or support on to which the motor can be anchored)
| belt seesaw
(motor)-----} being the ideal shape a motor rotate-able
saw can be modeled.

d) A zig-saw / seesaw attached to a piston, powered by a motor.
One may refer to steam engine based locomotive's, sewing machine's
to arrive at functional motor based zig-saw /seesaw.

550) A pocket guide / reference book to the electronic publishing and
communication medium called the 'Internet' ...with a organized
compendium/ classification of various services and resources
accessible over the medium, rated news-groups, mass-mailing-lists,
accessible-organized-groups (faculty-alumni-relations),business-groups,
professional-bodies-associations-members, societies-members

551) It would be a great spectacle to watch the fireworks created by a flower
potthat creates a tree(popularly called ashoka in local dialects in
parts of India) kind of structure of fire works

...viz. the fireworks created by a flower pot that is ignited in the sky
... since based on gravity or weight (a ignited object ... loses its
weight while on fire ...still should ...decrease altitude) ...a combination
of fire cracker viz. a rocket and a firepot should create the above
spectacle.

(A colored tree would be all the more a great spectacle to watch)

552) A very sensitive karaoke (a device to convert sound to electromagnetic)
pulse's ... audibility or disturbance's trappable by the device has range,
distance(radius) with in which or the effect of disturbance caused by
sound created is audible to the karaokevarious attribute's of the
sound / noise emitted by a living being/device can be recorded ...based
on these attributes ... (for instance a noise being a pattern ... the distance
to which the effect can travel ... depends on repeating the sequence of
the pattern)

based on the say the snoring /the vocal chord activity of a living being/
artificially created by objectsmonitoring the activity of these is
possible ...because the attributes / pattern of noise created by these
can be mapped ... and the effect of just a packet of such activity created
varies with in given vicinity.

[
While the above is the scenario Explore the scope of developing
wireless mouse and keyboard viz. input devices ...that doesn't make
or not dependent on a transmitter and a battery ...it is to be noted
that currently the mouse functions based on the same concept as used
in satellite positioning and tracking of objects.

Deriving from few toysone can develop a mouse that can emit as
Consistent beep or other very low frequency soundbased on force
Exerted on the mouse ...viz. the weight of human hand should suffice
For the task.

]

Note: Keeping the above a sidemaking use a very low frequency sonar,
Can be used to track...observe creek's ...etc in aging constructions,
Building, caves etc using 'echo' the essential feature of sonar.

553)Having earlier detected that number of colors visible over a black and
white cathode ray tube being 3 viz. black, white and brownfrom which
color televisions have evolved viz. cathode ray tube based viz. a single
cathode ray tube and multiple cathode ray tube based cells.

With reference to the Display units used/shipped in the laptops the resolution being proportion to number of cathode ray cells packed and and their power consumption ...and hence battery and backup life and hence ... weight of the laptop ... with the availability of plasma television's ... dot-matrix board's a monitor less laptop computer's, alternatively LCD panels viz. black and white screen's as used in electron watch's may to suit the purpose viz. that doesn't effect the eye visionand can be connected to a television screen or a plasma television as the case may be where ever available....and may refer to the section that describes power packed computer's weighing less than 500grams.

With most device's ... being console less ,while having the facility to be connected over IP/serial port's (there are instance/situation'swhere the exact state or understanding behavior of device ought to be known, say resetting the device may result in losing vital information).....hence for all intelligent devices with computing capabilities, a small strip/piece of dot-matrix boardmuch like the way one can observe in a mobile handset/device.

Hence for most router's, switch's ...telephone/automated switch unit's in In land based communication networksa console of the above sort,

Which should ideally be able give the same flexibility as in a mobile handset (a key pad for input) or a touch sensitive screen, based on the processing capacity of the underlying device.

For instance in a router'sa visual graphic analyzer for network traffic and various other statistics.

Similarly understanding /diagnosing the quality of transmission (voice attributes) in MTU's in a automated switching unit's in land based communication network implementations.

- 554) Deriving from a cathode ray tube (color television)a cathode ray cell (May refer to dot-matrix / plasma television ..as those that exist in the market)....hence a lamp that emit multiple colorsbased on manual or digital interface ..kind of jumper setting ...in hardware parlance.

can be used as decorative lamp (fountain usable in parks or decorative water springs ...refer to decorative lamps), can be used in traffic junctions.

A revolving dome consisting of lens with sufficient focal length on lamp of sufficient candula ...such that it gives the effect of light radiating from a laser

Above such lamp with a blinking effect with a porous(holes fitted with lens of different colors to emit rays of light) ...fitted to a base ...and a balloon with light-weight gas (for a re-usable spectacle or a show on a large scale ...as in hot ballooning can also be used)

Much like decorative artificial water falls ...in most theme parks, restaurants , place's of tourism (monuments ...etc) ...instead of a water falls ...a artificial fog much like water falls ...creates a innovative ...less resource intensive (water) ...for more information suitable for creating such sprinklers refer else where in the document (ideal few fountains that shoot the water up with pressure ...or compressor used means may also suit the purpose

- 555) In most long distance / luxury flightswith touch sensitive screen for a television /computera menu based system for communicating the

request, service, assistance from air hostess.

- 556) A new print layout option to word processors, viz. when printing layout landscape or verticalthe context of reading ...viz. convenience being ... printed paper being bound on the TOP of say A4 size sheets, or being bound to the left ...with the context of printing being 'back to back printing' on the paper, when sourcing sheets of paper from the feeder or tray.
- 557) Observing the fact from the way, a cricket ball experience's tear at the seam, balls can be designed such that, the two portions / halves forming seem can be sealed as on the lines of a flap used for packaging used in most polythene bags used for packing food/eatables (kind of press button strap), apart from being stitched at the seam, using plastic internal encasing.
- 558) For name plates...viz. cube indicators and floor indicators in corporate and commercial environmentsslate's of rectangular plastic or steel sheet's on which a stencil can be used to paint the name's (in some companies, for instance veritas software pune a quality assurance firm which practice's functional breakdown and Behavioral modelling ... have used engraving's of name's of individuals ...as in a epitaph for reason's best known to the incorporators)

Note: Additionally ...paint based or a refillable permanent marker based Alphabet's as is the case in a stamp-pad, for slots in a stencil, kind Press button based seal used to stamp date.

Or polycoated thin film ...digital printer based poster that can be used as a sticker on the nameplate (kind of printed polysheets used on billboards).

- 559) Deriving from earlier spec' viz. online library information exchange system, billing collection etc....

With convenience being the norm and quality of serviceand with burgeoning Population ...creation of more number of jobs ...ideal device for door-to-Door marketing services, bill payment's, cess collection that can be integrated With door -to-door bill delivery and collection system (viz. news paper, telephone, milk, water , sales rep's ...all or most of services)

A device that can be integrated into payment gatewaysthat can bill from a Debit or credit cardthis should score with most standard norms of channel Marketing , Brand loyalty, Premium Services (including those offered by direct Marketing of advertising and modeling agencies)these should be feasible as size of transaction value being small on scale ...also availability of receipt, and a recognized , authorized strong electronic payment gateway implementation with full proof ...scope for tracking of events and transactions provided a strong governance is in place.

These devices can be both offline and online while being Integrate-able into ecommerce or electronic payment gateways ...and may refer to ERP and relational database's that can sync with remote databases.

[

Additionally a identity management solutionkind of magnetic strip based, debt/credit cards with a photo ...which function like swipe/flash card that reveal the identity of a individual on being flashed at Mobile Hand Device equipped with infraredmay refer to a directory based identity management solutions ...as described else where in this document accessible mobile networks.

]

- 560) White light emission being a cause of diffusion.

For instance sodium vapour based lamps ...and salt filled ..in turn ...vapour Getting diffused into air ...a feature that can be observed in petromas lamps or lights

....with most lights being used in household and industrial purposes being vapour based ...explore ...develop a non vapour based electric lamp that emits white lamp ...

A lamp or bulb's light emission being proportional or dependent on the Quality of the shell also viz. thicker the shell more opaque or less light emission....derive few principle from a diamond or crystal ball ...by embedding a coil .

From the principle's white light emission ... and keeping the above into view a shell for lamp or bulb whose structure emits white light.

Derive or develop a glass or polymer based shellby observing or taking the concept out of the way carbon atoms are packed in polymers (kind of bubble structure or crystal for the shell of the lamp or bulb)

Explore the possibility of a gas ...that glows upon ionization ...viz. ability to fill self illuminating ions into a transparent (say glass) based shell ...that may act as perpetual lamp.

561) A battery being stored charged of +v and -v (ions) ...with most devices in the digital world being dependent on a battery or constant power supply, functioning or servicing various feature's offered by a device/vehicle

A product for security services, agenciesthat can termed as a kind of jammer or jabber which ...disables or discharge's or depletes the energy of a battery thus disabling the services/feature's offered by a device.

(for instance in a mobile device's ...operable by radioactive batteries viz. cadmium , lithium etcthese batteries are depleted faster by half life theoryby using resonanceat time's when the re-charge is depleted some device's resort to using the half life theory to be functional or draw energy from the battery to be alive and functioning)

562) Bangle's being an ornament worn mostly by femalesand male's in some communitiesfor female ...kids,

.....kind of bangle's(musical)that gives or make's music (lightweight and to be worn by kids between the ages of 3-8yrs ideally).

563) Factor to be consider or kept in mind by Service Provider's for leased line's, internet etc ...consumption of the resource's by a client or user.

for instance Internet Browsing Services ...

- a) services be charged based on the Bandwidth consumed by the user.
- b) Fee for using the premises or a device for keeping a connection alive.
- c) With the available bandwidth from a operator being fixed , it to be kept in mind while re-factoring the bandwidth among clients for optimized business utilization and customer satisfaction, one of the reasons why brands thrive.

For instance most cyber cafe's/ wifi café's charge fee's based on usage of service for a specific period or quality of the connection available rather than the quantum of bandwidth consumed.

For instance given a connection is alive

...the amount of bandwidth consumed for sending a email , can be contrasted with the amount of bandwidth consumed for uploading or downloading a file.

[providing or equipping public places like parks and sport arenas like stadiums with WIFI-facilities can be a commercial option ...with a ready infrastructure.

Note: Internet being a network of networks and WIFI being a wireless internet access ...internet access on Mobile handsets ...can be enabled withbandwidth strengthened at HOTSPOTS .

Additionally for mobile networks that enable access to internet to user'sthe access or connectivity to internet can be localized by at cell-site's by connecting or load-balancing to land-based networks and also implementing proxiesthat cache popular content from internet thus localizing the request's without the necessary to route or connect to an external network, this makes use of the available frequency effectively , billing for connectivity to internet can be made on prepaid cards based on the above principles viz. billed amount being proportional to the bandwidth consumed by the user for internet connectivity.

]

564) Account or Session Management Solutions.

-
- a) A timer based database trigger for databases, a thread that can be added to the process architecture of databases,

A circuit based stopwatch or timer implemented for the above purposes on the motherboards of the hosts or servers.

- b) An integrated NTP server's that ensure that time is in sync on all the hosts on the domain, with client-side sessions managed based on the events triggered on the client side and session setting set at the beginning of a session viz. login into a domain.

The clock or timer and the event on client side ensures that session's expire based on the settings set at time of login into domainwhich are periodically cross-checked by a scheduler on the server, time syncing session durations.

565) Based on the fact viz. a alert in a mobile or a laptop computer that indicates battery low!! ...sensor that raises alert or functions when a circuit is broken.

For instance in a Direct Current based environment ... a bulb ...being a resistor ...the failure of which ...breakage of a filament can cause or raise an alarm.

With most traffic signal's in metro's managed by PSTN line's that work based on DC ,

Failure of a lamp or bulb can cause an alert or alarmby attaching a sensor that triggers an alert over a WMD device or to a central monitoring host in a networked environment ...as is the case in traffic signals (as on date timer viz. the time gap or delay or intervals is managed this way).

Hence street lighting, traffic signal's , electronic monitoring of railway crossings to several other utilities can be managed and also an AC to DC converter that manages the required voltage issues for the sensor to be encapsulated at time's where required as may be the case scenario to trigger an eventthis can also be used for managing power grids and high tension voltage lines....to create circuits manageable for the purpose (use electromagnetic or motor operable based hydraulic lever's to man power circuit's in high tension power cable's, manageable or operable remotely in an automated environment connected over network or a WMD device).

566) A eco friendly detergent, cultured microbe or agents harvested plants (derivates from rita or shikhakai) and that act as detergent, packed in a suitable form for house hold and industrial use.

(
Leaves or extracts from bark or pulp etc that can used directly as cleansing agent with out any chemical processing , for instance they can be packed in nylon or jute based sachets as is the case of Tea Bags.
)

567) With execution of most programme or executable's being prone to various risks to the client or host using these programmes or executable's , security for all of executables (scripts, components, applets, binaries) can be set on a set of factors , for instance

- a) access to file-system
- b) access to registry or other mechanism as the case may be.
- c) access to shared libraries
- d) for binaries based on classification of their type declared through a standard protocol, say kind activex components
(proposed or potential extension to ActiveX components , classification of the classID's based on function type etc) or a XML based DTD document for xml rpc kind of execution contexts.

With the basic difference between scripting, binaries (activex, applets) being based on above set of factors, and every each of the programming language's or context's requiring a client execution context (run time environment or engine on the client host ...and with assurance or guarantee or trust offered by these client side run time engine's being as good as that of the provider) ...a XML DTD based specification for all third party executable's should solve the vagaries from a programmers context rather than myriad set or array of programming and scripting languages.

While as on date GNU does offerfunctional programmes across the platforms with posix as threading modelbut it does lack in single source tree based compilations across the platform.

Ideal solution being single source based universally portable or compatible threading model with downloadable or libraries sharable in the form of obj's, a runtime environment that takes care of the nuances of the underlying platform specific issue's ...memory model (data-types, floating point evaluation), memory allocation and arithmetic ...this lets exposing or sharing of code optional, and also with scripting interface's like perl having the ability, to call or libraries being accessiblethe above offers an ideal solution.

568) Procmail filters traditional used on the mail server to parse and filter incoming content, suitably modified can also be used on client side for filtering and organizing data (emails) on the email client side, this can also filter identified virusadditionally Procmail suitably modified can be used on ftp server's for filtering harmful data or content (viz. virus scripting related and also binaries), restricting implementing browse-able content filters in routers... ideally speaking can be re-organized or rewritten into a sharable library that can used in multiple contexts.

569) A componentized, modular operating system embedded or encoded on to a silicon dye or waffer, that can be optimally used for a specific function viz. web server ,router, mail processing host , desktop, to which a optional (VDU terminal can be attached to function as a desktop or a server), the specific required setting to be done in the BIOS of the device, a multi purpose device, whose core OS/functional code can be free from being maligned or hacking.

Note: Feasible as most algorithm's or code are reusable set of functional Libraries ...utilized based on requirement.

while designing interface's or from the point of usability , for instance
a color palette ...that can be used across various ...scenario's ...may use
use-case modeling for the purpose ...as part of editors, internet explorer's
etc ...based on the capability of the under-laying hardware viz. graphics
adapter and VDU

570) Ocean currents being a constant source of energy offer biggest source of
direct current as is the case with wind mills ...turbine based,

A recharge-able retail outlets at distance of 120-200km offer a ideal solution
for vehicles ..viz. 4/2 wheelerswhile alkaline batteries may suit the
purpose ...they are bulky and require constant replacement,

with most batteries or charge being charged ion's , compressed gaseous
packed in a cylinder charged suitably should offer ideal or suitable option
...once discharged can be recharged ...simplest visual being offered is that
of ozoneand understanding lightening as a process, understanding
oxidation as process.

The discharge of a full charged cell left open to air , explain the concept
amply, if not oxygen ... any lite-weight gaseous with chargeable ionization
should fit in the purpose and the requirement being no-reaction required,
just charge it and discharge it.

An optimally designed solar cells fitted on to body of a vehicle, a constant
replenishment of the charge (the bonnet and top offer the maximum utilizable
space ...a very viable option in sunny areas (tropic's, equatorial and desert
regions)

571) Polymer based sheets can be used to bound or as covering to dairies or
note books or in other place's in binding in lieu of leather, additionally
these give the option to be printed using digital printers.

572) A modified form of unix ... command that lets connecting from a trusted
unix host (yellow pages, NIS domain, other Domain as implemented or backed
up using a directory based logins) lets execution of command or script
or a program asynchronously ... lets the remote user to disconnect from the
hostthe logged ... in session of the unix commandkeeps track of the
remote user and notifies of the completion of the taskfor instance to the
default mail of the user account used...(or as can be set by the user to a
valid electronic email-id ...should it be feasible)

Note: This type of command comes in handy ... with reference to when
executing scripts from remote locations ... instead of keeping a
connection from a remote host alive (dependent various variables
network traffic and quality of connection), executing the script from
the server or a remote host located within the remote network,
helps ...useful and with reference QA and benchmarking of applications
and services ...for improvising or deriving a the set of specifications as
defined above refer to `nohup` unix command.

NIS or NIS+ domains can be used for resources in domainfor instance a host in the domain
...say providing internet as resources ...the access to internet as a resource to users can be
Administered in the following form ...users in NIS or NIS+ domain can be ... using a script
be added to a client host (i.e. the host administrating the resource) ...while required details
say a session duration for connectivity to a host (applicable to billing solutions kind of in the
telephony domain etc also) ...can be stored in the NIS or NIS+ database or a external database

...for more information ...one may refer to the implementation of similar scenario ...as described
with gotevot.edu.sa ...as described else where in the document

Given the nuances involved in syncing of the NIS+ or NIS databases with secondary servers in

a domain ...which work much like the syncing mechanisms in DNS ...which includes the pre-compiled versions like windows2000 ...force syncing of such databases using a authentication mechanism or using a authenticated certificate or a smart card for verification of the server (primary and secondary)one may refer to PGP ...or 243),244),245) ...for implementing such secure account verification algorithms

Note: Refer else where in the document ...for nuances ...that may fallout of manual editing of the document (text files comprising of the databases)

573)With tech-support / back-office support for banking, mobile operators and several other strategic industries located India and other 3rd world countries, high level technical support like crash dump analysis or restoring services remotely

For folks in these industries , it would be helpful to be acquainted with, Latin derivative based languages and mandrian or cantonese set of languages.

Learning of a foreign language ...specifically pronunciation including that Of Englishdescribed or pronunciation written or spelled in a local Language helps.

For instance learning French, German, Spanish, Japanese, Chinese and Portuguese (for instance learning french through telugu or hindi or vernacular languages as denoted in Indian subcontinent viz. pronunciation helps)

Note: The above would be help for not only for those planning higher studies, Immigration ,or those seeking employment in blue color job categories.

Dedicating a section catering to first-aid ...in roadmaps(...with marked important locations of hospital or such other facilities), travel and tour guides,

Leaflets ,guides distributed as part of travel tickets

574) A function called Map in PERL lets applying a routine or function to all set of elements present in a scalar array,

for instance in a payroll calculation viz. tax deduction at source ...this function (kind of decode in oracle context) can be employed to a list consisting of salaries of employee's to arrive at the tax to be deducted at sourcehence MAP as function is good case in example that can be extended to the set functions available via. SQL to databases ...while generating views etc.

for instance with each element in the array being a reference to another anonymous array consisting of co-ordinate's to be plotted (2D or 3D)

All collections of sampling, in statistics can be used plot a map, chart etc using GD.pm or interface's provided by any 3rd party plotting software's could be excel.

Ex: temperature readings, memory footprint of process or program in execution in OS or runtime context, traffic analysis in routers, web-servers, GIS data, Geo Synchronous Satellite tracking(possible with a network of geostationary satellites below and also terrestrially networked earth stations.....hence track-able or plottable from multiple locations), etc.

Note: Ideal all such statistic's collected to a log plain text file, which can read using standard file reading mechanism's or loaded or populated into a scalar array using regular expressions,ideally the above can optimized by using standard perl module's that let storing or dumping data into plain text database files and loading the data in these text files into data structures.

With Data :: Dumper to create readily usable complex objects (while using interface's from third party software's and data input's as required by these third party interfaces) that can be dump to text files i.e. readily executable PERL code or alternatively use pack and unpack can be used in conjunction for storing , retrieving and making the data into a usable form viz. the purpose of log files being compact or direct usable execution code

....this particularly be applied to plotting remote sensing related data and may be extended to richter scale [...while by default a richter scale doesn't come with any marked scaling as is the case in square matrix based printed paper used in drawing graph's ,charts in statistics]

For remote sensing [, richter scale] based data as being handled today, the unix standard utility 'tee' kind of implementation can be used at process level or at program level.

Additionally explore the idea of plotting to a plaintext file using GD.pm, either using data from a log file or as data is collected dynamically, say stat's from a process table (plotting the stats of several process or stats of a single process)...ability to view the plotted chart or graph in a ASCII viewer ... while GD.pm and underlying software used for plotting data lets viewing the graph either in a PNG or GIF format.

Factors that impact generating graphs or analysis of data being proportional to the below

- a) The quality of sampling determines the quality of output , viz. atomicity or more finer or larger or size and quality of sampling
- b) Quality of viewer or image format viz. VDU or printer.
- c) format or granularity as supported by the software used for the purpose.

Based on the above set of factors , purpose the software used for plotting or graphical analysis of data can be designed to support any of the following formats for graphical plotting viz. .txt, .png, .gif, .bmp, .jpg, .swf, .tiff provided suitable interface's via components or libraries from respective software's are available viz. image or file viewer's in the respective formats and interfaces for graphical plotting.

Where VDU or printer doesn't support the resolution or granularity , the software may based on factors described above choose segregate or select refine the sampling donefor the co-ordinate's or the data to be plotted or represented.

- 575) For most software Products while the interface is same viz. GUI many times these products require customization / multiple Compilations to support multiple languages,

Simplest way to resolve this problem is to retrieve all the data required for the Interface(each screen of display), As well as storing the error codes in the database. ...the interface can also be store in a file system (possible option For RAD tools is (share the interface files while captions and content is located in specific regional language files, Now for installations that are not geographic specific or spread across continents, while databases are share it, Can be arranged that required interface along with error codes be displayed in locale (NLS) / encoding Specific to domain or region, translated to web these can be located in CSS Style sheets or Pages that are customized to the specific locale or encodingneeds few additional modifications or a attribute.

viz. a attribute that lets a different style sheet specific to the local to be downloaded (light weight), A single style sheet that contains the corresponding content for all

locales, with each attribute containing a array, Which displays appropriate content based on the locale.

This can be implemented by using a simple one many relation viz. screen or error code referring to multiple viz. encoding / language code in which the particular data ought to be displayed.

In context of the above in relational databases ...for instance Microsoft SQL Server7.0 Supports the data-type binary which lets data or content from any character set to be storedto distinguish or denote a attribute called encoding...Microsoft Browser or what is termed as National Language Supported by oracle corporation (while this requires additional libraries to be installed) can be added to the table containing the data ...hence when this table or data-set is translated into XML-DTD supported data format, the client browser or table can interpret or display the data appropriately based on the language encoding...

While the above attribute viz. encoding may not be synonymous with respect to atomicity and few other rules of normalization of relational databases.

Enclosing the attribute as part of the schema of the database the attribute as part of the schema of the database or table-space allocation of application accessible via the meta-data viz. data-dictionary or special tables or views used for administrative and informative purposes.

Hence all the tools used for conversion of data from relational database to XML-DTD based compatible data format's can be designed to included the specific attribute as part of such data translation by picking the specific attribute from schema or by following any specific normalization rules or keys in place on such data.

For applications and organizations serving content in multiple languages ...schema organization or duplication of schema in the above manner would be a good idea , Viz. ability to identify and access data-space based on encoding, this should also be

in-sync with data-management, publishing and high availability environments viz. clusters (for environments that support high availability, load balancing... ability to use traffic redirection based on the encoding attribute to service content specific to a geo-geographic area) and schema management as it is the case with kintana.

Additionally adding the parameter of 'encoding' (found as part of internet browsers and compatible clients) to be supported by user-agent as part of HTTP protocol exchange or handshake (viz. enhancing HTTP protocol and hence the web client) ...at the beginning of every HTTP session ...helps the web-servers and hence server-side data-processing, present or server data to user in language or locale supported by the incoming request.

viz. making the parameter 'encoding' mandatory as part of HTTP exchange as part of the protocol at beginning any HTTP session or alternatively this lets web-clients viz. browsers interpret incoming data appropriately i.e. encoding while retrieving data from a database or as part of applications that need to support multiple locale or languages viz. serving content internationally.

Note: NLS attributes as found in OWS (oracle web-server) can also be utilized for the purpose.

Also when designing interfaces for modules that return error code, or functions that query error ...designing them such away that ...they return a pointer to a array

- a) array consisting of error code and language code (could well be NLS or language encoding as supported i.e. internet compatible software modules) ...i.e. say a integer array
 - b) array consisting of error code and language code (could well be NLS or language encoding as supported i.e. internet compatible software modules) ...could be codes embedded in a String ...parse-able by regular expressions ...i.e. a character array.
-

Given the scope of MIME ...encoding of the underlying language in to MIME ...for email clients

Also given the fact ...some databases lets exploiting of storage of data ...ascii or wide-charset in a generic database field (binary or image) ...the above lets encoding of the encoding (context of language in a browser) into the field data ...hence lets storing of certain data or content with out bothering to the nature of the data ...which can be ideally handled by the browser on the client-side when the data is being displayed

576) Time being the basis of the planet earth's being divided into latitudes and longitudes represent-able specific location on the planet earth.

GIS being set of Wi-Fi stations spread across the geographical area, with the most of the globe being now mapped with Wi-Fi or satellite earth stations precise time zone difference and exact location of latitude and longitude are possible, with a readily installed network of Geo-Stationary satellite's being available, and hence precise calculation of time based on the latitude and longitude ...with GMT as a reference (for instance taking India into context ...there is approximately at least 25 minutes of time difference between these two geo-graphical locations).

Additionally locating such WiFi stations closer to public transportation arena's Viz. Near railway station gives few added advantages.

A WMD device or Mobile handset equipped with compass ... on the digital interface ...lets being tracked by a satellite above or Wi-Fi station in the vicinityand hence would be a handy tool in the hands of land surveyor's and map making.

Enable's to track or trace a WMD enabled device or vehicle to be plotted viz. exact location and route or path takenon the client side say mobile or a laptop equipped With appropriate software user can use or have the ability to make his own maps ...by saving the log's to a text file loadable into a excel sheet and plotted (with the default amount of distance being 69km for every degree of change achieved and this distance being dependent on the various attributes of the nature of the earth being sphericaland most requirements for a commoner or small scale business being with in the less than a degree ...a percentile variation of a degree can be set to log the amount of variation in the compass)(this should be a viable option with most of the locations already marked with Wi-Fi stations or locations to create a visually descriptive mapsan additional payment based service accessible from a mobile service provider)

A digital compendium of all destination or locations with their pin-codes and ICBM co-ordinatescomes in handy for creation or generation of personalized Or developing one's own customized maps.

Locate WMD's to demarcate specific area's as NO fly zones (both overhead viz. Air based ...and also as no entry ...warning to be flashed for ground based travel ...desert and land based terrainkind tress passers being liable to be punished or shot at ...applicable to privately held land , nuclear waste dump's or reactors etc.

Equipping Mobile handset with GIS (including GIS devices) ...apart from being helpful in giving the exact location ...or local maps.....can be used additionally to track or indicate the current location or arrival timings of public or private transportation vehicles at your favorite destination location or railway station, enables one to plan or schedule one's activities or time accordingly.

Customized rail road and road based navigation maps for GIS, auto downloadable from a service providers (ideally all important location or area's marked in color or as hotspotsimplemented as kind of image-maps in the context of HTML, and ability to trigger a scripting event or functionwith information from a central customized database ...about weather for castings, hotel accommodations, tourist services...accessible over what may be termed as mobi ticket ...a paid mobile based SMS service....displayable using kind of in a CSS layer...populated

using java-script array or should it be in a network computing environments with low memory and processing powers on the client side, dynamically process-able on the server side and downloadable onto the client CSS Layer.

(Requirementtransmission of a suitably designed GPRS packet by WMD device located in the vehicle ...upon recognizing a Wi-Fi station in the vicinity or should the WMD be capable enoughto a satellitebased on a compass and hence relayed to all GIS enabled device or services being utilized for the purpose ...kind of the way layers are added and striped in a router...and enclosing timestamp as part of the data transmitted in the layer from respective device and the Wi-Fi tower ...additionally provided the object in motion with a wmd transmits few variable's like speedstorable at a service providerdetails of exact time and duration of a vehicle's arrival can be provided with precision.

) The quality of GIS services viz. GIS maps and guidance as exists today can be enhance by installing WMD based transmitters(that work muck like a Sonar ...viz. consistently keep emitting very low frequency rely to be identified Or receivable by the GIS enabled services or devices) , to be located on crossover's, footbridges, advertising hoarding's (use of plasma screen? based wi-fi for advertising can be integrated into GIS maps, GIS based guidance services) at important locations, key junctions or landmarks (may refer to the mode or kind of traffic signaling maintainable via. WMD based Monitoring and management), high altitude buildings and power lines, other communication towers (in addition to the standard red light's implemented for warning for overhead traffic), these very low frequency based transmitters as in a mobile handsets or wireless communication devices can kept online by using or implementing AC to DC based power converters.

With Wi-Fi bandwidth being the criteria

Ability to mark a particular road or street or junction as closed or blocked for movement either for accident or incident handling , for instance a alert of a approaching ambulance or fire-engine ...as soon as such a vehicle is in the vicinity.

Location and direction of the nearest ATM ...hence ATM networks of banks can be made query-able on the GIS device's ...a viable payment based service from Both banks and the client users (generic applicable to all banks or to specific affiliated banks)

Location and directions parking lots ,fuel refilling stations in the vicinity on a specific street or nearest possible destination being high lighted or query-able.

Requesting assistance from High-Way patrol ...alerting of a mishap or disaster ...also hence based on a WMD (wifi-tower ...or if the device is accompanied with a compass) ...an approx location of mishap or accident or disaster zone.

Advertising (may be distraction to the user or driver) by store's, cinema, mela or other event happening in the vicinity.

Pre-paid services on GIS enabled vehicles ...viz. clearance or faster or automated management ...at toll-gate, express-highways, highway ...petrol re-fuelling services ... access on to auto-manned flyovers ...overhead bridges ...on superior services in metro's ...access to special lanes ...kind of express-way Bombay.

Picking up from the manner in which how indi-glow...feature found in most timepiece or watch'scan be extended to GIS enabled ...mapping based driving for implementing overhead ...sign's ...directions ...etc (while implementing them as radium painted sign-boards would or may be a good idea)

With most mother-boards being equipped with WMD viz. for local-lan connectivity Or Wi-Fi based internet accesssoftware installations viz. embedded software based devices or web-server's or those with web-services , to install or automatically configure ICBM co-ordinates, kind of mandatory with most of

them within the vicinity of cell site or Wi-Fi tower, kind of emergency numbers or help line accessible over a mobile handset.

With transponders being mounted on a rotate-able base....geo-graphic distance between locations can be measure to precision(degree of scaling as in statistics and mathematical computations) ...with the amount of spatial degree of rotation required by the transponder from one Wi-Fi station other Wi-Fi station.

With most satellite or gliders with aerodynamics suitably modified...being placed at around Anywhere between 8-15-20 km of altitude ...most multipurpose (including communication) satellites (low earth based) can be integrated with satellites of higher altitude (stationed a few hundred km above the sea-level ...that lets monitoring on a global scale ...most such satellites used glider based (wings solar panel based) can airlifted the normal runway based ...after achieving the altitude ...a pilot or skydiver can offshoot with the help of a parachute ...also infrared based surveillance ...nocturnal photography (appropriate amount of light ..much like in a cam)...should ideally be feasible

A WMD device based calling bell , video capture based camera based surveillance for house holds , the convenience of the device to place in any room ...size and proportion of the house and also the ability to track the entrance in apartments ...works on low frequency makes use of a pair of WMD ...also provide a numeric lock or password based or operable interfaces to unlock or be able to enter or break into entrance or compounds

577) The clogging of blood vessels and particularly those in the heart, clotting of which causes heart attacksusually due to accumulation of fatty acids on the walls of arteries....usually ketonase as injection is prescribed that dissolves the fatty acids deposits to may way and hence a normal blood circulation, usage of this injection heavy dosage can cause rupture or breakage of tiny and sensitive arteries both in heart, brain and else where in body ...that can lead to blood spillage and clot's paralyzing normal function of the body usually leading to pronounced death .

While several hydrochloric acid based derivates are used for the above purpose, Ambroxol Hydrochloride preparation usually prescribed for clear clogs from common cold an cough can be used for the purpose.

Regular consumption of lemon or other citrus fruits can ideally keep ailments that have potential to cause excessive deposits of fatty acids in body away.

Additionally ...the above kind of preparations consumed in appropriate quantity can discharge any harmful or poisonous food consumed ...viz. give a immediate effect and relief (tried and used successfully to discharge harmful food consumption by consuming 200ml of ambroxol hydrochloride cough syrup prescription for kids in tonic form in single dose)

The common kitchen vinegar taken in sufficient may also achieve the desired effect

using paracetmol (for fever) or other drugs preparations ...in combination with derivatives from caffin or nicotine ...helps keep a patient or subject active ..found it helpful while having trouble getting rid of a leg implantwhile lapsing into septicemia...resulting into coma

Scope for a potential drug based on the following concept

Most people including sports men, athletes, body builders , pupil in various jobs need to keep themselves fit ...as per their service or employment terms.

Consumption of fat rich foods(butter or other animal derivatives)flushed with citrus fruit extracts kind of juicesand engaging in physical activity can help develop the require muscle

A `T` loop implementation out of fibre ...derivative ... carbon polymer ...would be a safer bet in lieu to a copper or other metal base ...the side effects with respect to metal oxidation will not effect those using it ...both for men (those having undergone anal

surgery with respect to appendicitis or disfigurement of rectum ...termed as piles and women for tear or rupture in vaginal area (making the loop porous ... kind of pumic stone would or should be ideal)

- 578) A CPU (a computer without monitor or VDU and keyboard also being optional) pluggable into vehicle (GIS display devices ...with GIS processing software located in the VDU less computer), office and home purposes.

Note: Alternatively given a proper provision ...viz. suitable placement of the laptop with in a vehicle can be used for GIS ...location services , with most of them coming with WMD device's , with ability to access WiFi based services.

- 579) A database of drawings as taught for those learning to sketch or animation in 2Dcan also be a ready databasefrom which caricatures and cartoons that can be printed on to t-shirts (corporate gifts), coloring exercises for kids, darning based stickers(nylon mesh based sheet or dot matrix boards) to T-shirts, pullovers, winter wear(woolen darned or sewn stuff on to jackets) , carpets etc

Note: For nylon mesh or dot-matrix boards refer as described elsewhere in this document.

- 580) Making digitized archives ...both historical and official government gazette's, and other material usually restricted to public libraries or archives, made accessible over internet (payment based services optional).

- 581) A conveyor belt or escalator based block that can be attached to aircraft to ship or transfer baggage from cargo compartment of a aircraft to luggage discharge area and vice-versa (minimal or no manual intervention)

- 582) Search on Web or other locations (may include file-systems and table spaces) including files on the Operating systems can be classified into 'exact match' or 'approximate match'(kind of apropos command in unix) or results as sequence of 'exact match' and a logical order of the resulting combination of text submitted in the text box for search.

In the context of Perl

The text submitted into a search box can be populated into a hash with Key's as the 'exact match' and the various combination of text after Striping common words.

For instance 'looking for a house or apartment on rent or lease'

All the values for the keys of such a hash can be set to a array, with each element of the array(or another anonymous array) being a pointer to a document ...translatable into a web url.

Result's can be dumped into a text file(cacheable in virtual memory) ...kind of Data::Dumper activity ...and hence be displayed page-wise....for every session (helpful implementing in kind of interface for SQL client based query interface's ...pointers to table spaces :: extents for queries resulting in a very large result-sets that may impact the virtual and physical memory allocation to the databases processes on the server side) or ...alternatively every session from a web client can have encrypted pointers enclosed , to initiate a search on subsequent set of data or files.

Given the context ...innovative search index's in the context of a database (kind of composite index's as can be termed in the context of a database) ...or catalogue's as can be termed ...for enabling what may be termed as free text search

viz. the ability to search for a pattern (or sequence) of the key words as submitted

[i.e. additionally or optionally the ability to match the keywords submitted in any combination with the clustered-key in a clustered index]

...and to store multiple references to such key's in the search list i.e. one to many
i.e. links to web pages or searchable data within a database

Every word in the or in a dictionary can be mapped to a unique value ...viz. Some of all
The ASCII values comprising of the words

Hence ideally perl executable code (DATA :: Dumper) or a dictionary in the form of a ideally
a binary B-tree or Hash (either in perl or other low level language) ...hence offers best
possible means to be integrated with other data-structures (refer to clustered index's ...
index's ...in the context of a database) or what may be termed a catalogues of search's

Note: For part information or conceptual feasibility refer to earlier work viz. Encryption
(242),243),244),245) for more information and also else where in the document

583) An ideal programming model or concept for OOP oriented thinking and
implementation in the context of programming

Models for object Correlation and System state implementation

a) with object oriented data objects stored in virtual memory, these being
flushed to a database to store them in to query-able entities from the
database where data is in a usable state as per the norms of a relational
database.

With Object Orient objects implemented as java-script or perl based objects
in a browser that can support eventswith a internet browser with its
allocated virtual memory acting as based architecture for programming model
....and a scheduler or a time based trigger (that can be set) or the event model
on the OO object....that takes or flushes the state is in a usable state to the
database, with the database being the providerand hence query-able
to client applications.

Based on type or other characterization (differentiation)specific script-lets
can be attached to these objectswhich get executedcould be those
related to database ...kind of stored procedures ...or other relating to actions
or co-relation that can be performed on objects present in browser control,

Dual advantage of this can of a browser or cache of objects being a dedicated
Connection to databaseand other remote thread that gather data from
Network (including internet)that update or perform other actions on these
Objects.

b) with all the objects stored within a database ...with most databases
supporting on updating trigger, and rules on tablesall objects stored
a temporary tables in a databasethat are self updateable or co-relatable
...with a trigger(a time based or based on a attribute set into or the table
that the table is in feasible state to be stored into the databasesupport
JavaScript or PERL based eventing on table ...kind of a rule implemented on
the table viz. kind of dependent keys on other tables ...where upon a parent
record being deleted all dependent child records are deleted automatically....
can be used to implement functionally correlate-able dependent records into
tables based on a key) that flushes the objects into permanent storage with
in the database.

Kind of ability to trigger ...auto insertion of data into table based on accompany
feasible XML-DTD compatible data ...with data inserted into a parent-table and
dependent records being flushed into child tables.

Note: In the context of Objects as described above ... event-ing as feature
supportable to each of the objects is resource intensivewith the

requirement to attach an instance of engine to every object in cache (one may refer to mod_perl) alternatively one may resort a timer based trigger approach ...that handle's the event's on the objects in the cache upon the presence of a attribute on the object ...that are handled by a engine that routinely picks up these objects in the cache and mimics the required functionalitythe above feature can be set or optimized on the platform or the layer hosting the objects ...and may be optionally be configurable in configuration files.

While this may be memory intensive can be handy and useful in designing High end applications...where memory (RAM) costs can be ignored kind Of mission critical ...or ..rules applicable same as those in a embedded system ...with some software systems using GIGS of RAM.

Using XML-DTD-DOM .client browsers and server-side processing effectively , in-sync with a relational database.

Conceptualize the DFDin database entities based on ER data model , create Normalized data entitiesthat translated into XML-DTD ...data-sets feasible Or fit for processing on the client-side and server side processing, balance of processing on the client and server side for efficient and effective software implementations.

OOAD objects that translate into entities ...that can be translated into normalized Data-sets or tables in the database(database objects or schema that translate into xml-schema-namespace and vice versa) and HTML forms on the client-side with Server side processing for co-ordination and insertion into the database.

With use case modeling with banking as a scenario ...taking the entity 'customer' and 'signup' for the scenario

A HTML form....that captures the entity called customer ..a valid datathat is translatable into a server side database record in a database entity called 'customer'with XML-DTD being used for either server side or client-side Dynamic ...HTML-form generationwith attached java-script ...validations on the ...translated HTML form ...refer to dynamic html page manipulation using java-script (database schema.-> xml-schema-namespace->Xml-DTD-command for form element generation (document.write) on client side.

[refer to 583) a & b ...with custom objects

Objects can be organized as or into kind of those as is the case in visual basic or scripting language that contain attributes, with a balance between XML-DTD(being self descriptive ... in nature can beobjects in self) say insertion into a table (server side) or DML commands with reference to information passed as kind of properties of the object, html form creation(client-side ...input collection or display of data) .specific script-lets can be invoked by a engine ...that performs the necessary actions ...with XML-DTD ...sufficient to handle most kind of server side database transactions ...client side input or display of data can be handled based on XML-DTD (viz. presence of a data-set or absence of accompanying datasets)

giving scope for a object oriented ...approach...handling of data

With Internet Browser as base platform ...using XML-DTD...majority of the RAD tools (2tier architecture) around in the market can function or re-designed to function as 3 tier architecture (by implementing properties and configuration files as XML-DTD ... adhered files.

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584) Embedding a SQL-engine compatible database into a Operating system helps, refer elsewhere as described in this document ...DNS implementations, software

patch tracking, log tracking, user and group account management other than the super user for bring up the serverideally such a implementation can made optional or as kind of efficiency to services (in addition to the structure as it exist today) at the option of the super-user (ability to handle complexity) ...also refer to 164) for more information.

Unix ...[error] logs ...most of them log the activity in chronological order with the file time-stamped viz. last accessed ...root or 'init 0'

A effective design is to use integrate a SQL database into operating system, with different table-space's catering to different activitieslogs ... DNS ... intrusion monitoring etc.

Implementing the syslogd daemon ...integratable into a SQL database make's good option ...that lets activity traceable or track-able by session (web logs and other intrusion with reference to counterfeit binaries being super imposed in lieu of standard binaries shipped ...as also DOS activities)

History of backups ... taken ... date, time and activity performed by specific user account, reference to backup data ...accessible and query-able through database or through file-system ...based on OS 'configuration files' or as lock implemented at table level ...with ability to access both through database and file-system.

When mirror are attached to the host, using either a scheduler or should the database support a trigger based on time,activities such as syncing of the States of mirrors ...and backups.

Hence almost all data in the unix context under '/etc' viz. configuration files, can be ported to a SQL database.

A catalogue for search algorithmscan be integrated with a SQL engineviz. man pages, as also searchable other data and text on the file-system.

Hence ...a logical scheme ...understandable for the above purpose ...kind of data dictionary or system tables ...comprehensible to any one taking up the system admin activities.

Ideal implementation being SQL compatible engine over files of the format, Similar to .dbfbut plain text or ASCII viewer and editor compatible , with White-space representation (\t,\n,\r ...etc) ... for efficient storagethese files manipulatable with sed, awk , it is to be noted table-space's (with extents allocation in database for table-space and entities in the table-space expansion, much like the space allocation in a file-system viz. inode's and super-block representations and space allocation to files.

Alternatively to make the above convenient and easy to implement ... create table-space type'swith fixed block size's ...cater to various type's of needs, Log files, configuration files etc.

For instance ...data of type very large objects, and binary data being heavy when used as a datatypehas effects on effective utilization of database space, Segments and extentswith scope for lot of unutilized or waste-age of free space particularly with respect to organization of rowsby using different kind Of table-space for allocation of objects with in a table-space based on type of data being used ...using entity relation-ships on objects across tablespaces, but organizing them logically within a schema or across schema's ... to give effect utilization of data space and also faster query responses (ideally all columns implemented as vlobs or columns with provision for storage of large data, kind of image data or binary data...say backups, implemented as foreign keys on tables located in different table-space makes logical sense.

Note: Database's existing market today have provision for multiple tablespaces to be a part of schemabut allocation or implementation of very large objects or image kind of data ...can result in waste of space ...and allocation of tablespace(usually additional tablespace can only be allocated after the

consumption of initial tablespace or extents that may not result in effective queries.

With the advent of paperless office in both corporate and e-governance as implemented across the globe ...the above hold's advantage ...for a detailed illustration refer to 304).

585) A event being a contextual handler ...triggering of action by a underlying software web-bots that traverse the web ...that can be optionally be configured to recognize ... html forms (...use standard repositories, auto-completion of data, user and other kind of credit card related) and trigger the necessary eventhence a enhancement to the Perl LWP module ...with passing parameters or initialization of objects provided by LWP.

...write script using LWP to fetch all the contact-id's say email-ids from a specific website or as a generic web-bot to fetch email or contact-ids, and hence suppress the special meaning attached to '@' viz. '@' in 'PERL' context.

...hence a configurable option to suppress various special meaning attached to while retrieving or parsing web based documents ...both in the context of HTTP and HTML (saving HTML documents as plain text documents offline)

586) Exploiting the use of use-case modeling and waterfall models as used in code generation in writing software for applications ...for the following purpose in particular ...designing illustrative materials ...books, audio visual aids, helping a subject master a discipline or a general self help or self study based materials

a)Classroom teachings

b)based book for Business case-studies->business decision making.

c)based book for lame users ...a generic that includes body-language makes use of the kind a situation or scenario in to consideration (the kind as in business case-studies)to handle day to day interactions by a individual ...interacting with colleagues, neighbours, superiors, customers.

Interpretation of body language ...in peer age group, behavior of a kid
From the context of parent teacher, tutor etc

d)based illustration , practical lesson's or experiments that can be carried outon elementsin chemistrychemical reactions explained.

e)based ...storyboarding->copywriting->extreme programming.

f)based tutorials for games requiring physical exercise or inputs , those using these tutorials visualize themselves as a character in the illustrationsideally should work much the way as in the case illustrated ...the concept of mind maps.

Ex: The approach or decision or ideal handling of a cricket ball by a batsmen.

Making a plan or approach to be used in case of hockey and Football (specifically those in defense and forwards)

Note: A flash based tutorials or sketch's or cartoons can be used for the purpose.

- g) Report writing ...for generate lists or reports or illustrations ...what makes or gives the maximum impact on audience...ability to communicate effectively
- k) based writing of charters and constitutions to concern's ...that includes ...time and future probabilities in to consideration.
- l) based approach to quality assurance practices, benchmarking standards and norms as applicable to various categories or sectors.
- m) based handbook for crime investigation and incident handling, with illustrative case studies
- n) based illustrations of psychology, emotional intelligence, sexual behavior of male, female in various stages of life , interactions with others and society (being a variable as defined and exists in various parts of the world)

Also presenting the above as case-studies using visualizations either using animated movies or real-life characters offers good scope

- o) A book on interior decoration ...to be more specific ...organizing stuff (office, house-hold , personal ...belongs)...being more or less requiring skill , craft judicious utilization of space and resources

scenarios

one invests a file cabinet, a trolley or a cupboard

organizing visiting cards, books, pens, invitations , kitchen (cooking raw materials)

- p) Much like materials on interpreting body language of individuals,

Context: The fact that the day to day interactions of every individual matters

"How to impress upon others" ...apply use-case modeling

The subject in context could be a client, peers , master or tutor, Finance ...women with the following attributes

How to dress , How to behave, How to tackle a situation (a minor mishap ...table manners ...say spillage of water ...tea ...coffee), how to tackle a scenario

...ideally quoted as `Etiquette`

- q) Books or illustrative audio visual libraries marketable on compact disk mediums viz. CD, DVD on agriculture , green house based farming , horticulture, bonsai
- r) retail a Compact Disc ... a compendium of cooking lessons ...illustrated viz. a kind of video library ...teaching various cuisines (a video shoot or 3d or 2d character based illustrations)
- s) Retail traditional literature (vernacular) i.e. prose and poetry ...in audio visual formats For instance ... sumati satthakam ... in telugu ...a sub continental language
(text to voice conversion using computing ...may also be applied refer as described elsewhere in the document)
- t) A illustrative book with scenario or case-study (optionally that may serve the purpose of humor) ...titled "How to find fault with Others"
(Given the ideology that if one wants to find a fault ...one can ??)

(Taking into consideration ...various characters or `pro-nouns` that one crosses across in day to day interactions ... a friend , a acquaintance, a stranger, a neighbor, a relative , a bystander...various other characters one can chance upon)

(The above ideally illustrated or expressed in pictorial illustration ...
viz. kind of comics)

u) A compendium on sarcasms ...befitting various scenarios

[Optionally ...the above ideally illustrated or expressed in pictorial illustration ...
viz. kind of comics]

v) A compendium of praise ...befitting various scenarios

(Taking into consideration ...various characters or `pro-nouns` that one crosses across in day to day interactions ... women, men , a friend , a acquaintance, a stranger, a neighbor, a relative , a bystander...various other characters one can chance upon)

[Optionally ...the above ideally illustrated or expressed in pictorial illustration ...
viz. kind of comics]

w) A compendium of empathy ...befitting various scenarios

(Taking into consideration ...various characters or `pro-nouns` that one crosses across in day to day interactions ... women, men , a friend , a acquaintance, a stranger, a neighbor, a relative , a bystander...various other characters one can chance upon)

[Optionally ...the above ideally illustrated or expressed in pictorial illustration ...
viz. kind of comics]

Note: given the context of empathy ...one may interpret the above as synonymous with tragedy (loss of life, money, self esteem, a failure in an exam, a failure in love life, failure in marriage, failure in relationship , failure in business (securing a contract ...say a news paper or a mass media company ...ability to clinch ... space or the context of PR of publishing or managing an event))

x) How to start a conversation or How to trick somebody into a conversation

Essence behind ...building many a relationships

Couples, friends, Peers in work place, Manager and a subordinate,
Strangers at an occasion (an airport lounge, an event to watch),
Siblings , Parents and Kids, Teacher and pupil

How to break the ice

An effective conversation skills ... stepping stones to success for any individual are to be effective ...to be eloquent , communicate wisely , effectively ...judiciously

Ignorance is Bliss ... knowledge is power

Take into account t), u), v), w) ...taking into account human relationships

...psychology ...of moods or state of an individual

[Optionally ...the above ideally illustrated or expressed in pictorial illustration ...
viz. kind of comics]

[x) as a case scenario taking into account the notion of Body Language
...and psychology]

y) An illustrative material on diary writing both physical and also digital (a pc, handheld pocket pc, WMD) ...

given the fact that the interactions of any or every individual can be categorized into a few set of well defined categories say self, parents, siblings, friends, colleagues, anonymous characters that one interacts with one's day to day activities (workers at favorite shop or mall or restaurant, servants if well to do, a acquaintance ...say a character that you encounter often while performing your daily chores ...could be an individual that you happen to travel along on your journey when you travel to your place of work daily ...taking into account one happens to encounter several individuals or characters ...comparing life as just another journey, some acquaintances turn into friends, some turn into say partners (nature inexplicit could be for philanthropy, killing spare time or a expending a hobby, some turn into a relationship if the other individual happens to be from opposite sex, some acquaintances turn into friends or fall apart turn into foes) and intangible world at large

Given the fact that the nature of accountability (varying from responsibility to casual interaction) of an individual differs from individual to individual (parents, siblings, friends, colleagues)

Develop a generalist method ...of journalizing the interactions or experiences that helps an individual to evaluate or benchmark or arrive at a set of standards or rules to enable an individual to deal or face a specific individual or 'pronoun' in a systematic approach of dealing or accountability ... based on the individual's past experience, log, profiling of a specific individual or 'pronoun' ...the art of such profiling ...what can be termed as Dairy Writing

i.e. Dairy writing should teach one to be wise or judicious based on experience or develop an ideology

"Probably that should end-up as an evidence for the concept or notion of karma as preached by some faiths in the twilight years"

[

Note: In the digital parlance ...making such a dairy published in digital world called the internet ...can be done with an anonymous pen name ...what can be termed as blogging ...the above not only provides rich source of content or feed to this electronic medium ...by providing a guest book kind of interface

Hence the above may also take into account how to write a blog ...publishing from a personal desktop or third party web-server ...accessible over internet

The concept of blogging could create several interactive crisp ...literature ...feed for columns of NEWS making or publishing concerns ...some termed as NEWSPAPERS, WEBSITES ...dependent nature of the medium

IT is to be noted that the above opportunity needs and takes into account the Differentiation between 'Art of Dairy writing' and digital Blogging as such

MS OWS combined with a web publishing wizard ...that makes the content to be web compliant, open source based email and organizers...may also be used in the above context

]

Given the context there exists a standard for address box for which several software's Or email clients are compliant ... similarly a standard and a protocol for a digital diaries ...ideally XML-DTD ...suits the purpose ...to enable information exchange between several products compliant with an established standard ... for instance X.400,X.500

- z) A compendium of palatable jokes in audio format retail-able as compact disk or cassette in respective languages
- aa) A book or compendium ...to teach composition of music ...using standard keynotes ...one may refer to the digital keynotes (i.e. text based representation) ...refer to several such palattes shipped with various computing devices and utilities

Note: several standard traditional musical teachings (in context or parlance ...of devices)

Can be ported to the above context self instructional

- ab) A ready reckoner disease symptom analysis ... drug prescription (optionally preparation), for allopathic , ayurvedic , homeopathic streams of treatment ...ideally a compendium ...with visual illustrations (pictorial ... audio, video) as a reference material
- ac) A Book on ` How to keep a business buoyant ` ...to various businesses and business modes ...a optional ...narrative of experiences various business owners should also as a good means to pepup or boost the scope of such a compendium
- ad)A compendium

Title " Reflections of oneself and memoriaes"

A short crisp ...kind of on the lines of a autobiography ...of well known or Successful personalities ...from across various fields or arena ...simply put Personalities who have excelled in their fields of endeavor ...taken or complied On a individual to individual ...kind of interview with concerned personality or Individual

- ae) A compendium of experience's on conscience from various personalitiesreaders of magazine ...a blogging on a web forum
- given the fact that `conscience` is specific attribute of human spicies
- [apply use-case modeling on selection of a character ...drawn from diverse fields usually those who have excelled in their individual fields of endeavor]
- apply use-case modeling on scenarios

For instance

on a individual note:

- a) every few months down the linei feel conscience about growing ...pot belly, i feel bad ...plan to take up regular exercise ...after a few days of excercise, find myself lethergic know i have ended up outof shape ...like a egghead on the top a drumsingleyet to find a partner in lifei consciencely feel elated and on the top of the world!!
 - b) I often used to quarrel with my sibilingsget amply scolded by parents ... but given those days ...a day wouldn't last without a fight with sibilingsalas that was my youth
- a palatablereadable ...compendium ...ideally a narrativemany a gathered ...one can find such nuances being ...narrated at gatherings of friends,relativesa troubled marriage,a torn relationship,a mutilated relationship between a client and partnera spoilt image among friends and parents
- af) How to beat boredom ...apply the above technique ...to pupil in various stages of life (below ten , teenager , twenties -thirties, ...) ...with potential resources means of such activity where ever applicable
 - ag) Most newspapers publish cartoons as part of ever day ...varietya annul compendium offers a good retail-able stuff (in such compendium a compendium ...adding a anecdote to every cartoon to reflect it context Offers ...decent annual publication ...high lighting news or context symbolizing every Day in the annum)

ah) A compendium of Laws of Boredom ...given the context or reference ...it sound odd or incongruous

There are umpteen reasons ...one might find oneself annoyed ...by a individual (...applicable most common `pronouns` one encounters in ones day to day interactions ranging from friends, siblings, parents, colleagues)

...The context of the book is explain ...or make others comfortable of the fact , or discomfort or annoyance one may causing unknowingly to others

Hence a compendium of gentle reprimands (most often ...these can be clamafouged as Greeting or a pleasantry or compliment exchanged

Note : Murphy's laws can be applied or used as reference ...kind of standard or benchmark to which the above compendium is to be compiled

ai) Deriving from Basic human psychology ...the theology of "wants creates needs and needs create wants" ...interdependencies in human clusters ...evolution or exploitation of such ...such social structure ...in a society (One may refer to standard books of marketing ... but the idea here is more from the context of how societal norms ...structure evolve ...in the context the above theology)

aj) Given the theology that world or the human egronomics ...centered around the fact called eccentricity

A compendium of quotations ...and their collorary (which stands exactly converse to the Quotation) ...kind of comparison ...traditional colloquial in Indian subcontinent (rahoo ... swallows kaythu)

example : if there is a will there is a way ...

corollary: when not sure of what you are doing ...blame it on fate!!
(say kind of when one is drunk ...and driving a bike)

ak) A book ...ideally properly packagable form (a compendium of experiences from people or flocks from diverse fields or professions ...slightly variable from autobiographies(the privileged lot ...and obviously dedicated to those no activity ...just about to pop anytime) ...kind of a readers column or blog (electronic publishing medium)

what influences life's decision

Apply use-case modeling ...given the definition or calibration of success ...failure ...some of these factors being relative dependent on the individual (age ...profession being one of the prime factors)

al) A booklet on etiquette viz. for giving a presentation, lecture, quiz, moderation or a instructor giving out his lessons.

Ideally a handy booklet to those giving a demonstration , lecture ,trainers ...marketing sales etc.

Apply use-case modeling

a) audience

b) Posture -composure

comfort-ness of the individual (given the various nitti gritties about ...body language ...comfortness ...prepared ness ...viz. ability to address a gathering ...composure...

hence posture ...standing behind a podium, pedestal, sitting on a table ...or a chair ...etc

ideally making appropriate arrangement ...as per requirement of the presenter.

c) Preparation ...organization of material ...lecture ...etc to presented,
Organization of time ...for the session.

Apply use-case modeling enabled ...ideally with illustrative materials ...cartoon or other Visual Aids.

Package the material as a book, compact disk (audio ...visual) ...in a palatable form

587) Embedd the functionality or recognition of IR enabled devices at BIOS levelinclude them as part of POST for Computers ...explore and make feasible the idea of input from such devices at BOOTUP ...(enable kind of OS/2base minimum functionality as part of BIOS) ...with ample ram available with most modern Computers, the above should be possible.

588) Deriving 45), 583), PERL OOP and few implementations of high availability as implemented from IBM,VERITAS or few other stable's ...the concept illustrated in 583) scores

An ideal implementation of high availability would be that of a kind of SMP system or sun 10k or sun fire servers ...viz. host consisting of Multiple units or sufficient high availabilityon which a cache is hosted On which objects are correlatedwith traffic redirection, load-balancing On a array of hosts ...integrated on the main server hosting the cache of Object state's.

Note: In the abovesaid state of the cluster (also called san) can be carried over any set of host's in a sequence for the purpose....

While the above may not come in handy ...it may come in handy In implementing high availability from the ground (an array of ground based monitoring stations) to an array of satellites orbiting the earth's atmosphere.

Ideally ...said SAN ...can be made portable for high availability Provided ...provisions for high availability at SAN switch and SAN management Host are provided ...with fibre optic being a faster communication medium ...and a WMD based transmission and receiving ...doing away with the hassle's of cable , switch based communication hurdlesbringing in a few potential state related and host related issues (wireless communication switching between hosts)

[Also with reference to implementation and management of high availabilityas the number of hosts grow in a cluster , the model that use's ...few dedicated hosts for state monitoring and object management in a cluster ...object state's as represent-able in the SAN based management implementations ...and state duplication of hosts ...for high availability helps or scores.

For or to make a service truly highly available ...multiple instance's of the service(kind of mirror implementation) in a serviceable state is required.

]

589) -----
While printing sheetsleaving sufficient white space helpsviz. most of these matter or materials when used frequently ...the wedge's are susceptible to wear and tear ...when sufficient width white-space is left , the torn part of the sheets can be cut ...to keep the print matter in tact or prolong the life of such materialfor instance most text books and other material used by kids , materials found in public libraries.

590) While generating man pages, indexing content for search engine's or restructuring documents ...to friendly with search algorithms ...

It is to be noted that HTML is more or less being a derivate of kind of unix man pages

Implementing or embedding or keywords or searchable text (kind of pointers or place holders in text of the document...ability to navigate to a specific portion in the document) , using hyper text links (accessible to scripting ...and able to generate a dynamic url ...such text can be part of any free-text or database or catalogues with pointers to database-schema-namespace that translates into a xml-schema-name-space, xml-dtd-command -> compatible to search can be created or retrieve the documents)so that these pointers in documents can return as results to a search.

(kind of pointers or place holders in text of the document...ability to navigate to a specific portion in the documentalternatively such documents can be converted to XML documents to be compatible or accessible over xml schema or namespace...hence organizing all data or content to compatible with XML namespace or XML..CSS ...compatible document generation or manipulation such as MSWORD helps)

When converting such documents to XML schema namespace ...accessible with unique naming of the text with in the document ...kind of client side based accessibility to hypertext-links ...ideal way name such XML-data-islands being created in a document or hypertext-link based placeholders is create a unique name ...part of which includes the keywords that are specific to search matching the context of the text (and making such data-islands potentially accessible over scripting ...with unique function names ...these functions or data-island names in the context of display of the document in the client side can ...useful in formatting of text)

Note: Such XML-namespace documents can accompanied with CSS for formatting and presentation ...content can be served in various formats based on the amount of compression choosen viz. html document, postscript

specifically the amount of compression can be varied ...and a appropriate algorithms to display the content in formatted form ...content or the resulting document can be served as .bmp, .jpg , .png , .gif as a bunch of images (notional page with reference to the tangible paper form ..A4,A6 etc) (with some image format that allow scaling of data)

By shading the background color of the data-islands matching the search text in a document ...while generating the index's or catalogues.

591) Optimization of access of disk based data.

Design of custom file-system or layout of a file-system ...where the data on the disk is used by multiple users or storing of data in a data-structure in a disk, where data can be organized based on a B-tree

Both of the above offer for implementation of sorted B-tree ...based organization of data where , All the rows or data is a pointer to a file in the file-system (refer else where in the document for a specific implementation of a file-system on a JBOD or raid array ...or specific platter of a bunch of platters.)

For instance the authentication or sign-on of users

the sign-in or sign-on id used by a user into domain website or for that matter most of applications ideally ... converted or using ASCII value of each of the characters in the sign-on id , translates into a numeric value ...unique.

Alternatively ...the numeric sum arrived at by adding the ASCII value's of all the characters in character string also is unique number that can be used for implementing a unique index or sorting of data in database.

The user sign-in or a sign-on id ...translating into a binary number ...viz. bit representation, the interpretation of which determines it either as numeral or a character string, hence

can be done based on the context and purpose (classification at code and also data representation) ... representation of which in a low language such as c translates into a struct with members {viz. type, pointer to char i.e. say *char , interpretation_code,...} ...refer else where in the document ...and interpretation_code standing for pre-declared constants ... say ...interpret the char-string as a number spanning n bytes viz. size of character string in binary or bit representation , derive the sum of all short viz. the numeric value of each of the characters or the underlying byte's in the character string.

The numeric interpretation of character string requires a special typedef or a struct for the purpose as short, int or long int based interpretations cannot store or their numeric value's based representation cannot extend beyond 16 bit binary representationfor most current applications as implemented ...a numeric sum of all the ascii values of the individual characters makes the most sensible approach.

For instance the data stored in a image data-type, plain text ...encoding...in the language context, word documents or imagesviewed in the context of internet explorer are Interpreted appropriately based on their content-type or upon selecting or setting the appropriate encoding

[

Both of these fit into a B-tree ... specific reason for dedicating a section for this being, this doesn't form or offer scope as part of any database ...giving the possibility of a special Kind of table that can fit into a database ...with the specific reason being the row-size and optimized use of space ... as fits in as a index ... well when such a key is implemented allocation of extents to rows ... and also scores with respect database ER design ...a primary keyDNS...name resolution

]

The above scores over implementations of LDAP ...and in the context of implementations like a tax-id, ssno, visa tracking viz. a unique identification for tracking

592) For web cam's, handy cam's ...digital camera's ...etc ...interface through which the contrast, color...various attributes of a image can be edited or handpicked for optimized image taking.

For instance a handy cam coming with a sufficient computing power, can be Provided with a range of image editing or customization option's ...by deriving few features from image editors ...that can be done on the touch sensitive screen with a stylus ...before finalizing the take of a image.

Note: Hawk ...eagle's ...have a fine resolution ...to catch or narrow in on their Prey from the height 's of up to 500 feet with just eyes 2 to 3 cm's in Diameter (focal length , convex [or concave] mirrors (with concave in the front and convex in rear on which the image is captured giving the ideal combination ...in devices or instruments offering scope for sufficient focal length using lens) ... where in the image is scaled much like in statistics ...based on few attributes distance and size ... translated into the terms of computing ...using concept as in some photo editors and jpeg kind of image compression formats ...the quality of photographs or image or video captures in mobile handsets can improved upon ...for more information refer else where in the document.)

The ideal is to be able to capture a large image (for instance a natural scenery in the context of a camera) on a small area kind of converse of a 35mm projection vis. a vis. 70mm projection i.e. focal length to achieve optimal image capture (a resolution that captures as much minute details as possible with charring the captured image)

593) A fire alarm sensor viz. smoke sensors placed on positioned in most work environments ...a dual use product or a product modelled on the above lines ...to dispense air-refresher's occasionally ...say using a stopwatch or kind of alarm functionality ...that dispenses it a specified or set frequency,

ideally a multi-utility based security or surveillance device ...integrated with a smoke sensor, a cam...optionally integratable into the above a network of above kind of devices can be placed in a high security environment ...which function on tcp-ip networked over cable or wmd based GPRS...kind of wifi monitor-able from a central host.

The web cam enclosed with such a device can have multiple len's ..such that the image captured from which specific channel or lens can be handled based kind of the threading model used in the context of a programming or job scheduling a processor ...say kind of unix process scheduling based on time slicing.

For more information may refer to 14)

Additionally the above can be used for surveillance of activities of employees , other activities , fraudsters ..etc

Adam's apple ...voice box ...the fad mobile phones (some companies may make it mandatory for all those to be employed not to have their voice box removed, and a corporate sponsored mobile phones)ability to engage in eves dropping, monitor work environments ...where key say manning defense kind of installations involving high importance ...at in-habituations as in (united states...G8 nations)

...based on the type and capabilities of devices ...transcripts kind of MPEG or ...gif ..images and text where possible

Security surveillance can be enhance ...one of the potential devices ...embed a cam in a television set ...the cam could go un-notice ...as a sensor for remote controller functiona radium painted or infrared vision based lens should give the necessary and additional functionality.

A infra-red lens based cam/camera ...with a light behind ...that can be used for surveillance ... say farms, farmhouses ...buildings, open skies ...monitor the incoming-images ...i.e. activity ... given ...taking it as a base for computing, in given surroundings ...a base image ...capturing the status-co of scenery or environment ...an activity viz. intrusion ...a bird, a pet, wireless remotely managed surveillance (refer for potential scope several kids toy's available in the market) ,

based on the size, shape, velocity ...few attributes at which or few attributes with which an activity ... can be monitored , trigger a alarmtake course of action

For instance ...on secure corridors ...intrusion from a truck driving his speed or at toll gates ...those flouting rules ...a system or method of response can be put in place.

WMD's mounted on to bugs ...birds (Siberian crane's) etc ...can additionally be modified to carry a minute or mini cam ...as is the case in a mobile phone, enables ...with reference to the above by locating a wifi tower in a wildlife habitat or sanctuary ...etc or a wireless remote surveillance device ... enables monitoring the habitat or surroundingsfor instance ...mounting such a device to a giant wild cat (kind of collar to pets) ...lets or putting a wildlife channel online (if ...with reference to the bandwidth issues ...lets a `monitor ... individual ` to remotely track or capture or shoot a hunt ... that can be recorded and transmitted `

The above mapped or placed properly lets tracking of visitor's, employee's ...monitor activities ...kind of the way GIS functions.

A ability to embedd a cam with a optional wmd ...in most door or other locking mechanisms and also use decoy ...security surveillance devices for monitoring and intelligence gathering

594) Wine or sprits may be explore as preservative to store ... fruits and vegetables , (it potentially being non acid and also non alkaline medium) in a canned form ..with sort or cleansed whole fruits, vegetables or

fruitswith seeds removed viz. processed ...pulp or shell stored in spirit ...(kind olives, lemon fruit ...etc can be explored to be stored)

- 595) jute, woolen spun along with cotton or Lenin or 'spun' ...to create inter-woven cloth or twin layered cloth ...to create soft interiorsay the type of jeans(note this not to mean a dyed exterior) with wool or jute on the exterior and cotton or Lenin in the interior ...for garments

(one may also find floor carpets ..some door-mats...to give an idea of description of the end product)

- 596) From an earlier work at adesta.com on a initial page or screen ..with several small ...images or greeting cards were displayed ...upon selection of a image ...a larger image ...with high resolution or greater detail is displayed.

...deriving from the above ...using a java-script mouse-over on html image-maps ... and span or cascading style sheets in Microsoft or a layer tag in Netscape browsers ... and a dynamic URL ... a larger image with greater resolution ...or a customized image ...can be displayed or downloaded from server into a layer on html page and displayed on the same web page.

hence ...the above methodology ...with reference to implementing a web based geo-graphical maps ...stack of layers ...that can be downloaded at a time or downloaded dynamical ... creating all such image in lightweight image formats like .gif, .jpg, .png

Either a simple ...directions to entities or concerns ...or geo-graphical maps of continents-countries-cities etc

Note: While flash or swish ...based movies may be useful ...they may have or pose some limitations the image resolution can used in flash viz. with large details encoded into movie ...reading viz. enlargement or observing a map or image Under a microscope utility.

{
in-fact ...the same technique as described above stacking image's in layers can be used in flash or swish based movies .

A specific image format, yet to developed or designed described else where In the document comes in ideal in this context ...ability to bunch to together images ...much like slides in a power point presentation...

Both of the above deriving from binary bit compression and image map as in a jpeg image formats ...should give optimized ...movie or a image format resulting ...in lightweight ...and sufficient detail to the imagesavi kind of of compact format ..with a player or handler that can be ported to the internet explorer.

With reference to above ...provided ...post script viewer in the client ...a image viewer can be composed in post script.

create ... a map of images in a binary database ... kind of library in the parlance of packing related routines in compilers context ...memory model compatible...
...accessibility of the routine ...loading of routines into memory for execution ... in this context ...images ...that can be accessed from binary database ...in a browser's context ...hence accessible or ability to address them from a scripting context ..or ...memory address offset ..(kind of hypertext url place holders ...in html document or xml -namespace)...accessible to interpretable in HTML or or other document formatting scripts ...with reference to a html handler ...being being component or handler that can parse content in a cache ...fseek ..byte offset ...a kind of VTOC or **a offset that need to be-packed on the header of the file ...after ...packing images in a file...fseek**

This kind of a image packing or image database would enable to pack or catalogue all the images in a web-page into a single file ...hence multiple references to a image on a single or multiple web-pages ... can be not only bandwidth friendly but also user

or designer friendly ...and images or image database can be download or loaded into client-side ... asynchronously .

}

To support eventing through scripting...images can also be embedded in hypertext url Or http tar or link ...hence ...ability to access hidden forms, scaling of images in pop-up windows or using ... the same window i.e. access a new web-page ..or access the same web-page By passing new or additional arguments as part of get or post .

597) from 168), 590), 596) ...several content formats ...can be developed or derived based on MIME parsing with compression algorithms encoded in MIME layers, taking a browser or internet explorer into context ... and MIME packing ...the compression on all file types or file handlers viz. shared libraries required to handle a file can be encoded in a layer in the MIME ...with ability to unpack the content from a shared library (refer unix tools or shared libraries. amount of compression ...using compress -uncompress , pack-unpack , zip-unzip, gzip ...small files ...web friendly (ideally doesn't matter in the context of tcp/ip ... but could be processor or thread friendly) kind of concept of spooling used in the context of drivers written for printers or as used in java...applet programming ...downloading ...content from server ...to be executed in the context of client side ...java run time engine in client computer or browser context ...simply put the above is synonymous with the manner in which TCP/IP packets are reconstructed at the destination host ...most of the times this is marketed a streaming media content)

Note: 245) may also be helpful in the context

using the above concept movie formats better than a the quality of a MPEG or Real Networks formats may can be derived or developed ... with file-type ... content-handler being a algorithm to interpret the content.

Packing streaming media content as XML DTD ...where binary image data , voice or Audio data are packed in sufficient frames ...i.e. sequence of XML DTD ...parse-able by a appropriate application software ...create quality streaming content ...with as minimum amount of buffering as may be required ...refer to data encoding (content handling and MIME parse-ing as is handled in a email client for a email) ...XML DTD ...consisting of both image and voice data in the same document with appropriate mime headers in place ...hence a stream of XML -DTD frames with MIME type encoded for respective content

598) With the medium Television and internet both based on TCP/IP ... IP-TV ...can be marketed with a remote handset ...with a keypad as in A WMD ...that lets ...typing a URL ... while a standard set of channels can be preset into array ...that can surfed using the numerical keypad.

The above is about optimized usage of radio frequency (Wifi ...based services) ... in-fact with a schema ...as detailed else where ...based on the content-type or header that declares itself ...kind of rating for websites ...websites can declare themselves to kind of content dispenser of the type streaming.

With cable TV network being pull only medium ...they can be integrated to broadcast select ...IP based streaming media websites ...as channels , using a bridge or a router ...or appropriate equipment.

599) A Optical reader based backup tape ... for backup devices. a properly coated thick medium that can be spinned on a fast cassette winder.

High capacity cartridges usually used for backup purposes in computing platform should or can be exploited for portable cassette players usually used for carrying backpack or portable audio cassette players

For exploitation of such a medium ...nature or means of encoding such data on to the tape may cross verified ...with the way data is stored on computing mediums (desktop),

Infact the concept should ideally be exploitable with normal 90min or 60min audio
Cassette based tape mediums ...i.e. use the same kind of means or mode of encoding
Data as done of backup cartridge mediums

Hence it may be noted that camera's with tape based cartridges suitably modified can
Also come in handy to be marketable as audio cassette players (taking into the account
the constraints of the speed at which cartridge can be spinned)

For more information refer as described elsewhere in the document ...scope for multi
Utility players ...retail-able in various forms ...refer to 150gm -250gcomputing

[Potentially explore the idea of a optical reader in the above context ... in lieu of the
traditional magnetic strip based read write device ...write once ...read should be a feasible
Concept ...audio , video format propagation]

600) Silicon wafer (kind of sand paper) with each silica having the ability to store a state,
kind of charged particle ...a wafer modelled on the lines of a diskunlike disks
made out of carbon polymer or metallic disks ...which are subject to wear and tear
may score on the durability and may come in handy at few typical scenarios.

601) Deriving the way on which, how a mechanical watch functions...with needle
rotating on a dial

Observing how ...Compact disk readers and hard-disks are designed,
It would be a less ...effort to spin a needle than a CD

The read-write head could be a elongated Optical-reader that spans the radius,
of the disk ...or a optical reader mounted onto a needle that functions much like
the way a printer-head in a dot-matrix printer ...viz. the weight of a OR is
less ...and hence may score with reference to number of rotations per second.

602) Based on how a mechanical watch and its dial are modelled...

...a very high speed switching circuit can be developed ...with the motor used
in a hard-disk ...a ...layer or a circle or circumference ...as is the case in a
compact disk ...to arrive at a junction or hotspot or key point at which a
circuit is closed ...a optical reader or a read-write head as used in a hard-disk
or a floppy drive may be used.

The needle on the radial may be shaped in the form of a < ...with one channel
for read and the other for write ...that can be parked at a junction or hotspot
for the intended purpose ...a session of the so achieved circuit.

The above should be would be nice to have ...in PSTN ...or landline based
telecommunication switching units or transmission stations ...with reference to
reliability without eaves dropping ... and non software based networks

[...while ...a software based device may be used to implement or create such
a circuit]

[No. of threads or network endpoints a processor can services ...given the fact
...computing or processing involves ..pull of bits from the memory]

An ideal way of implementing such a switching circuit for designing circuits is ...ability
to read from multiple hosts ...that is cache the incoming requests data, and forward
or broadcast processed data ...to a specific host as described above using a mechanized
circuit closingmodifying the circuit design in a router or switch suitably gives the
desired result (forwarding or using the kind of unix 'tee' utility in routing hosts ...that
kind of forwarding data across process on different hosts ...a soft circuit in memory
...but in this specific case with a closed circuit on a mechanical device routing to a
specific host on a closed circuit ...analogue communications across geo-graphical domain
is possible on a request basis or a forward only circuit closing as a packet of data gets
forwarded to a router is possible) ...above also comes in handy in designing processor
where a process level security or prevent ...hacked program's(implementing a kind of tee)
and listening by anonymous or a third process can be prevented.

Note: It may be noted that time slicing among the various threads in the current processors implemented is variable ...the above can be ideally be integratable using the fan which is used as a heat sync (i.e. the needle that fetch's the bits of data from the memory to the processor for execution ..the manner or mode in which time slicing is implemented)

603) lids to some type of containers or pet bottles, canned cardboard packs, soft drinks can be designed such way that ... on breaking a plastic seal around the handle to a small door, that can be slid from the inside on the sealed lid to a container.

(
The above is kind of a shaft that can be slide on two rails ...say the kind of the way a SIM card is handled in a mobile handset, and the plastic seal can designed on the lines of tags to luggage in cargo in air travel, price tags to ready made garments, or seals to normal screw based lids
)

Additionally the above can be used to store ...cigarette's(air tight container), special container in environments disposal of cigarette butts where ever or for those caring about environment ...surroundings ...a small case or compartment attached to cigarette container to dispose of used butts, use as ash tray ...that can be emptied into a dustbin

604) SAN based storage can be in commercial aircraft ...to connect individual LAPTOP's Or the as existing ...LCD based panels with basic computing power ...server content based on a Menu based option.

A san router or switch can be equipped with a NFS server daemons ... to serve to clients ...while such storage based volumes can be managed from a server Located within SAN or over IP (or ideally shell box's with a processor sufficient Memory ...to able to port a OS ...score's ...when accessing disk based systems in SAN ...and also scalability of number of the SAN ... vis. a vis. No of HBA and network cards(TCP/IP) that would be requiredparsing ...departing ... viz. optimized or customized implementation of scsi protocol ...and also as bridge between SAN and TCP/IP networks)

NFS client daemons can be customized to serve specific content from NFS as music player, Movie player ...on client desktops, workstations.

605) Re-designing a few games ...where players work in pairs

Deriving or developing a new game from chess as a online game ...to be played in interactively by multiple players

with eight key squares located on both ends ...and the key pieces divided into black and white,

The pieces in black and white ...can be managed or puppeteered by max of eight players on each side (black and white) ... hence eight individuals on each side viz. on black pieces and on white pieces randomly can be picked up ...who each can pickup a choice of the available pieces (a Queen, a camel, a knight, a Elephant(rook) and a soldier each) and a position or key-square on the board either on standard norms (default or defacto positions as in the game chess) or randomly as players move say. first come first serve basis

Note: The above version doesn't contain a king ...and in lieu consists of a another Queen in lieu ... and all the elements or pieces and their various rules viz. the ability to move no. of squares and pattern being same as in the case of chess.

Observe interesting ways in which the game proceeds or takes place ...and how a group of randomly distinct individuals across geographical boundaries ...make

their moves ...which side wins the game.

(The above is modelled on the line of politics [and democracy] where individuals in power (elected lot and ministers) are power brokers and common people are soldiers who can be manipulated by the people in power

May refer to businessobjects.cjb.net/storyboard.zip ...power games and how intelligence gathered from the ground viz. common people is manipulated for betterment of self and their flocks in the variety offered by democracy)

606) Principle's to be kept in mind while designing ...interfaces for software using command-line

For instance taking 'vi' kind of a 'ascii' based text editor in to context...

'Typing' into context ... and hence the cursor ...current context of data being edited ...viz. the data being manipulated on the screen

The cursor the 'character' movement ... or navigation of cursor, the editable text ... movement of the cursor would be ideal to be designed ... in sync with the 'key-strokes' are handled on the keyboard.

taking cursor movement in to context the right hand being the key ...and the middle finger as the base ...

i, I ... movement of the cursor upwards from the current 'context'

j, J ... movement of the cursor to the left from the current 'context'

l, L ...movement of the cursor to the right from the current 'context'

m, M ... movement of the cursor to the bottom or downwards from the current 'context'

(The above kind of a design ... makes logical sense ...from the point of convenience to remember ... based on experience ...and training to the users)

607) EMS(Emergency medical Services) management system...for a potential viability ...ideal ...mode ...being ...a vehicle registration or RTA ...traffic surveillance linked to Hospital management ...with few query-able interfaces on GIS navigation maps on traffic guidance systems

In a linked or automated system ...probable query of available surgeon or a doctor available on duty.

Also a interactive tutorial or training material for EMS first aid administration, A flash or 3-D software based kit would be ideal ...also on GIS or wi-fi enabled remote services on a emergency ...ability to instruct by an expert from co-ordination or a service center ...hence many a SOS services ...can incorporate this feature.

608) Taking few attributes like ...earth's rotation, revolution ...speed ...with reference time-zone's , keeping altitude from sea-level as a base ...a cluster of geo-synchronous ...satellites can be positioned such that at any given point of time ...at-least one satellite is in the vicinity of target geo-graphical area, it may also be noted that geo-synchronous by their nature (i.e. rotating around the earth or planet)...a cluster can be created ...and all the participating satellites can launched from the same base station ...but suitably varying the time-period of subsequent satellites (time as a buffer) ...all participating members can be placed in orbit (these can also serve the purpose of communication needs and 100% true satellite based communications network created ...by enabling or handling routing at the cluster level ...it is to be noted that satellites can be placed in orbit to revolve around the earth either along the latitude or along a longitude, clockwise or anti-clock-wise ...while some attributes of gravity ...may influence the orbitary path of such an object revolving around a planets ... such an orbit can be achieved by using ...thrust ...once ...a satellite or object achieves a required

altitude

)

(with geo-stationary being low-earth orbiting ...located within the atmospheric layer ...used mostly for remote-sensing , GIS kind of activities ...geo-stationary satellites comparatively immune ... from disturbances in atmospheric layers while the scope or geo-graphical area covered by them has limitations)...

create a kind of geo-stationary ...cum geo-synchronously satellites [while it is to be noted that disturbances in atmospheric layers can disrupt communication between geo-synchronous satellites and the earth stationswhile geo-stationary based low-earth orbiting satellites can be a nuance for air based travel ...used appropriately and sparingly ...and connecting or networking a geo-stationary cluster with a geo-synchronous cluster ...can give or offer some advantages]

Altitude, gravitational force being proportional to the amount of area covered or under-surveillance

Magnesium as a substitute fuel can also explored for usage in space or satellite launch vehicles

Given the manner in which a cluster out of satellites can created ...Infra -red viz. thermal energy ...as also radio frequency can be used in combination for creating what may be termed as kind of communication channels for broad casting the the state of a host or collection of hosts in such a cluster

609) using a collar phone (wireless or cable connected) ... and central host PSTN or a WMD ...can be used for developing or deriving a better tele-conferencing equipment ...including video based tele-conferencing equipment.

610) A dice ...that has eight faces ...with one to eight being the values than can be obtained on being rolled.

611) With a magnet being created out of charge ...viz. electromagnetic process , usually out metals iron, steel , explore the idea of creating a memory blocks out of iron or steel

Information being electrical bits ...amount of voltage ...held ...understanding the way a Teflon or polyester can hold static electricity ...a non metallic or a carbon polymer based derivative that hold electric pulse or charge that can be used as memory ...for instance explore the use of stem as used in alkaline batteries to be substitutable as memory

Direct current being calibrate-able ...specify the amount in a quantifiable units on batteries (say alkaline batteries) etc

612) The very process of parboiling and drying can be achieved faster by using microwave-oven kind of enclosure for faster or quicker results ...with less or no dependence or sun-shine ...using dark or black-painted walls and a very high candle bulb.

Par-Boiled ...used in cooking idli (a Indian delicacy), Puffed rice ...and several such varieties

Similarly dried seeds from water melon ...cucumber's ...etc ...can be made or exposed to heat either under microwave oven or above kind of arrangement ...to uncover shell over these seeds that can be used ...as part of various sweet meat preparations or as pass time food, these uncovered shell ...resulting into eatable pulp based seed ...make good offering to retailed along with flavored masala

Few root based vegetables like (potato) and vegetables like banana ,rice(manufacturing of what is termed as murmuray), manufacturing of pop-corn from corn...sliced ...slightly ...boiled ...and dried ...termed as parboiled ...exposed to microwave oven ...heat...may result in chips or flakes with using oil for frying ...hence diet friendly being less in calories

613) Head gear for sports or other events (warfare related exercises) viz. helmet the protective gear ...for effective co-ordination among the participants in a group, team (for instance few attributes or functionality from HAM radio , WLL based handsets , Radio can be picked-up) [...alternatively can be extended to handsets or some communication equipment]

A karaoke ,speaker with a WMD viz. a modulator and a demodulator ...with most transmitters ,receivers ...the frequency in which they operate ...and size of the equipment having their limitations ...viz. radius or area with-in which they can be operated.

With the fact that any one will be able to listen once dialed or tuned into a frequency,

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Sell set of such equipment in units (set theory)

For instance a dozen such equipment or kit can divided or organized into groups or subsets based on requirement i.e. number of usable pairs or groups

viz. {two x 6} { two, three, four , six } , {two, five} , {one, two. Three, three} ...etc

To be able to organized or divided the kit into subsets For the end-users

classify each unit with unit no. (kind of mobile number) and with a kind of hardware Or jumper setting using a numerical interface (set the list of listeners in the group, set of forbidden or neutral ...etc)

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use encryption to achieve the objective or as illustrated with the hardware jumper setting set a frequency variations for each subset i.e. the attributes within which a WMD to function ...kind of blocking few attributes that need to be kept in a teleconferencing.

In the above based on who a network broadcast in tcp/ip subnet works ...using wifi , with a packet header ...one should be able to talk to any specific handset within a specific radii ...also based on the bandwidth of a frequency ...number handsets that can communicate optimized can be designed ...encryption as described by windows digest method or based on the device-id or handset number (telephone number) or ...when designing communication network ...routing from a communication tower may be obviated ...and placing communication towers into organized geographical area or dividing a geo-graphical region into pockets ...within whose vicinity a handsets presence is discovered ... a roaming number can be designed ...with a tower or a satellite's requirement based upon the need.

In SOS ...kind of broadcast ...say for instance ...where no appropriate access to a main communication tower or a satellite ...device's ..can be made to forward the packet to next such device or relay to a communication tower or a satellite should it be in the vicinity of such a near by or adjoining device.

[

for mobile networks ... WLL based ...with more than the required no of end users or devices in a specific pocket or geo-graphical area ...the above kind of routing ...of a packet to identify ...two devices that need to engage in a communication session in the frequency (being a low range frequency)

By using few techniques as in programming context ...a queue or a stack, threading models

for instance all such devices in a specific pocket ..receiving a packet to initiate call to a number in a geo-graphical area ...not destined to them ...get put themselves in a queue or a stack ...until a end of call deleting a specific number is not received

or until a specific period of waiting

...when dialing ...a user if unable to connect can put his destination number in call waiting and automatically be alerted when a session is initiated ...with specific time limit etc (say within specific no. minutes)

Apply the logic of TDMA or CDMA ...by broadcasting a packet to various devices to achieve the desired result ...additionally refer to means or mode of how , High availability is implemented in clustered implementations of software from First Watch ...later known as veritas foundation software, veritas private limited Etc.

]

614) Mob dispersal or crowd management

Exploding/spraying hot liquid wax offers a safe means for mob dispersal, With the target audience suffering just sufficient enough tool to be intimidated and minor yet sufficient to disperse a crowd (the injuries mostly harmless causes area sustaining the liquid wax a contracted skin ...causing enough pain.

while sprinkling hot water with enough pressureshould be able to give the same results

Several bio-logical weapons ...can be developed ...

Culture microbes in a bacteria (small pox , chicken pox) , lice ...blown or released on to organized or marauding mobs, crowds ...should give the desired results

several miniature flies(capable of inflicting mosquito kind of bites) ...cultured in lab environment ...usually that get attracted to lightreleased on to mobs or crowds ... flood lit lights or focus lights can be used for the purposecrowd management in stadium's sporting arena's

A very high focus floodlight (for that matter any candula based lamp) ... projected through a sufficient focal length(a column ideally as in a telescope, ideally made of reflective surface as in a kaleidoscope and concave lens ...to give ...a fire particle kind of effect ...can be used for crowd dispersal ...igniting forest fires ..etc ...the above device mounted on kind a base (deriving or based on a ball bearing) ...that lets the device or focus-light ...any where between ideally 35degree to 270 degree of projection (or say more or less how many or quite a few cam's are modeled)

Blowing red-ants ...over air or wind on to mobs ...also presents ...good scope for exploration

615) A machine to weed out ...weeds, shrubs or other marshy growth in shallow waters like canals, rivers beds, water tanks ...etcmostly non-perennial rivers, rivulets

Based on the grass chopper, mechanized means used to harvest crop's (...hence a potential modification or new pluggable module for tractors for harvesting crops)

...a attachment (kind of a gear or lever to enable it the module to be submerse it water once moving the vehicle to a distance in such water bodies)...to a boat or steamer or shafts designed for the purpose.

For understanding the scenario ...one may refer to the mulla river...closer to the city of pune which is situated on its banks ...various water borne weeds, shrubs, marshy growth

616) Magnetic field enabled ..travel cards (temporary visitor cards ...in corporate environments),

sensor or WMD enabled wrist bands , clips to breast pocket or collar etc ... those which function kind of entrance's or exit or entry area's ...usable in airport lounge's , bus terminals, railroad terminals ...temporary platform tickets etc

The above lets tracking passengers, luggage, baggage ...etc boarding a vehicle ...when stopped for short resis or rest sessions etc ...to track the passengers or luggage and also to transit when requiring change over of vehicle etc.

The above also let's GIS kind of tracking the activity of intruder into sensitive area ...or restricted or forbidden area or portions of buildings ,enclosures ...security sensitive constructions ...refer to 593) for more information.

Make use of a magnetic strip ...enable card or a portion on a vehicle , that can be used at Entry and exit of car parking lots.

printing travel tickets, passports(while ideally debit or credit cards integrated into a system should suffice) using MICR enabled print ...allows or does the above functionally partially and also for automating accounting purposes in the above environments ...additionally utilizing or making use of concepts as described in 242),243),244),245) ...lets printing coupons ...that have custom embedded pattern ...usable as temporary visiting coupons (say platform tickets ...in the context of railways ...read -able by a hand held device)

In the above context it helps to put up a layout of the superstores , giant shopping viz. a map of various sections or categories of classified goods

- 617) Implementing high-availability in computing networks (including mobile operators etc), can make use of radio frequency to achieve the purpose (single(TDMA or CDMA) or multiple frequencies as the case may be ..suiing purpose)

Simple high availability can be achieved by using wi-fiwith all participating hosts using a modem or (transmitter and receiver suitably designed with necessary data processing algorithms) or wi-fi enabled as being termed ...with a median host or server with SMP (multiple mother boards) ...hosting or taking up the role of a wi-fi hotspot.

[

keeping in mind of the fact that one of the host's participating in a cluster takes the role of a moderator or coordinating ...state synchronization or manning the communication in a [shared] communication channel viz. in common parlance kind of who gets to speak in a group discussion or moderated discussion or session

cluster ..specific software being a piece of code shared by all the hosts participating in a cluster ...after a cluster is up and running... various scenario's or use case modeling ...if a specific host is down ...or all host or down ..moderating host is down ...which ever participating host recovers first ...that specific host to take charge of the cluster state ...and also ..specific services that are installed and to be manned part of a cluster

in high end satellites ..multiple transmitters and receivers functioning in different frequencies ...can be implemented (with transponders being a array of suchdifferent for each transponder ...and satellite catering to a specific geo-graphical region

with reference to using UDP over IP using above schema ...viz. a re-organized form of layers ...with socket or port number ...that can optionally be cooked or parse-able by routers, hosts network cards ...lets network communications in a cluster as also keeping high available software's in sync ...a cake walk

(

The above is contrary to some software products say veritas foundation software that use what is termed as raw communications over network ...i.e. no abstraction over network card ...hence should be in compliance with intellectual property....

Also the nature of UDP and high-availability ...using a dedicated network ..that

can be termed as reliable ...using a dedicated port for all such communications, by encoding ...specific port or a process-id or hosted : process-id or a schema that lets set of hosts to recognize the packet as theirs ...so that multiple set of hosts can have replicated copy or software instance...for high availability ...network broadcast ...more appropriate ... once all participating hosts are up in a cluster ...a network broadcast of their presence and participation, a encoded protocol ...would be more faster an approach (process-id or a unique-id for each of the software bundle participating in high-availability ...kind of instance-id for a RDBMS software)

Note: when implementing instance or software bundle level high availability ...to be in sync with intellectual property ...the software-using above schema ...use a proprietary mode such that ...a common repository of unique-id for software bundle on the cluster and also list of hosts ...bundle is replicated ...viz. a single installation installs the base state of software on all set hosts participating in software bundle synchronization ...with a designation or code or means of which specific or set of hosts take over on fail-over

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618) Metal detector sensor & a UV scan equipment ...explore few possibilities

Air-cargo , luggage , baggage ...while UV lets scan baggage ...spot metal etc,

...a resonance or echo based (sonar kind of) sensor to identify nature of a object,

for instance containers carrying liquids (a canned cool drink can be a explosive)
...identify a liquid

Further more potentially a device or detector to identify the type of metal ,
thickness or gauge of the metal

619) A metal based engraving (kind of for illustrative purpose a traditional kalamkari on wood), or a hot metal based painting ...to give kind of barcode or other encoding for identification purposes.

(for instance several commonly available metals like aluminum, copper, brass (alloy), iron based painting ..using a lithograph ...can be used to engrave code ...kind of chassis number on vehicle's ...extensible to coach's ..wagons etc

use lithograph (fire ..based capable to burn or engrave into metals) ... encoding ...for instance coding on pipeline's shipping water, fuel etc ...specific damage or area of disaster or approximate estimation or location of mal functioning carriage or pipe can be identified for replacement or repair.

Deriving a lithograph kind of utility can be used to drill hole's or channel's into rock ...at a much speedier rate than the one's using the traditional mechanical based drillers (kind of a turbine with un-even curvature ...mounted and operated over truck other vehicle ...and a wind blower with pressure or water to settle the resulting dust)

620) use a wheel with several holes ...with lens or glass coverings of different colors , the above wheel using a mechanized mechanized motor (refer to the section describing ...a motor and a radial in watch ..that lets precise positioning or identification of specific section on the circumference of wheel) a light or lamp or a cam ...behind a enclosure that lets capture a image or broadcast data (communication protocol)

...explore the idea of using a sensor or a processor ..to communicate data in a serial column to a distant object at night or in darkness(limitation) ...compared to a wmd device ... whose capacity or capability depends on the transmitter (electro magnetic pulses and their strength) ...ability to communicate to a distance

Having observed a headlight ..that gives scope for clear visibility up to a range of 40 km at clear nights on ground

Above can be used to transmit or receive data through a vacuum, while it can be noted of the fact that in a vacuum ...electro magnetic pulses are immune from disturbances from air or other disturbances in a planet) ...transmit using a spectrometer or light sensor (a dot matrix board behind a web cam ..with a processor) ...communicate to a object in earths atmosphere (GIS based surveillance) a communication protocol from a light house to a distant warship or cargo ship container or vice versa in rough weather (where radio equipment has limitations)

On a rough weather ...or extreme conditions for landing or communication distortion or disturbance ...for aircraft ...waiting for landing (that can be observed pattern being relayed upwards ...by a pilot)

using radioactive based batteries would be a good idea ...say remote roving missions where sunshine or light as a source of energy may not be available

- 621) Special tyres for vehicle's ...consisting of tyre tube's fillable with a fluid ...with high compression ...these type's may aid ...in landing ...to sustain pressure or impact as in the case or aircraft landing ...transportation trucks (containers) etc.

Filling or finding a suitable substitute that crystallizes on exposure to atmosphere would be a ideal filling that suits punctures or may help sustain a tyre burst

similarly making seating arrangements or seat cushions out of fluid (say nitrogen) that are air-conditioner based travel ...makes a good option both as cushion for suspension ...and also as fire extinguisher

- 622) Shock-absorbers can used for better suspension and flexibility in bi-cycle's , ...bi-cycle's used for mountain-biking or country-side terrain ...where proper laid road structures may be absent.

- 623) Streaming media files (including offline downloadable content), movie format, audio format ...files , file or content handler's ...enable save the current context ...kind of pointer ...viz. save the offset or current position in a file or stream ...to be able to continue from a previous state or position or context

For instance ...if a viewer or end user view's 3 slides or out of 10 ...in file(audio, Movie, stream media etc) ...able to start at 3 or 4 slide ...kind of ability to save session state ...in a e-commerce web-site.

(deriving from either mac ...editable document format ...extensible to read-only or above format (video, audio, streaming media) ...or persistence storable in the content-handler software ..with reference to specific stream or file (audio, video) ...ability for the software ..to store client or file specific session context ...hence space for the software in cache ...separate allocate-ble ..kind of cookie files ...in a internet browser context

Also ...above type content-handler's as plug-in's or Add-on's or as part of Tool-bars ...in the context of internet as medium (no of threads of off-shooting From a browser context ...rather than a process context)

- 624) For account management solutions ...authentication ...from the perspective of a end-user

Roll back of password to last or previous valid password ...many a time loss of memory ...various other issue's could potentially block a user from logging into and accessing the services

Potential rollback ...to enable access of services ...after identification of the user. The above functionality can be incorporated at code level ...authentication storable as part of database or LDAP

[...for illustration the portion or part representing ...consisting of passwords .i.e. a field in database relational or LDAP ...as expression consisting of multiple strings separated by a `unique` character,

for instance loadable in a PERL scalar array using splice ...with the last or the first string in the array presenting a valid or active password or authentication string

or using the last as function in relational databases where every user is represented by a unique-id ...such that `group by` or `break` or rollup or cube clauses can be used by using proper normalization techniques ...and depending upon the type of SQL compatibility being used.

The above gives scope for functions that operate on multiple value's at row-level or Column level ...by passing a context ...or as recognizable internally by the function ...such that it returns a code on failure

Note: the above gives the option to incorporate a multi-valued column ...
...while the above may be against normalization rules ...some context's require or makes some junk data ...cumbersome or heavy for querying when normalized
...an option for optimizing some stuff not in sync with query-plan or show plan

...ability to implement ...kind of collections in VB ...dynamically loadable, manipulatable from a database ...based on the type of data-type choosen ...viz. size ...varchar or varchar2 and compliance to ANSI or SQL versions etc, hence a fixed value or limited number of values to be stored ...

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In the above context multiple values or data can be stored in the database ...by making Use of the context of MIME (refer to email) ...storing the data in binary field as MIME Packed content (hence scope for the above)

625) A read , write ...silicon or other form wafer ...stacked or kind of a stack or dice in a processor or addressable bits in a matrix...ability ... to address the memory ...memory allocation from the point of view of a heap ...ability to organize data-structures ...faster than ...disk based access ...lithium and cadmium derivate does offer the scope for above ...ability to create such wafers in automated manner ...print circuit or design boards ... optimized design ...can be achieved from process or chip or dice design

optionally ...such a matrix can be made addressable using a circuit over radial, with pin ...design can be derived potentially from a mechanical watch

cheap kind of RAMwith sufficient memory bank or block size ...organizable or addressable as in kind of `c` notation.

Scope for research and derivative....

Optical disk or metallic based media Organizable as accessible matrice or matrix,

For instance on optical disk ...sectors ...or stack of circle or periphery on disk medium is Possible due to width or radius of the optical read and write head ...with reference to displacement required for reading each sector,

kind of rectangular or square slates of metal or optical ...organized as a stack with each of them ...divided into kind majority of the portion as in the US national flag or same as sectors or parallel lines ...with the line or active portion holding a data converging into a readable circuit ...while the metal or optical media being ideally recoat -able as in hard-disk as medium ...with active block or tracks holding bits being fixed ...and a read and write (optionally optical) head as in a compact disk

A circuit accessible medium ...as also a disk or photo-film kind of filmwhile a read or write head ...burns the bits on to the media ...passage of dc from one-end and ability to pick-up the data on the medium from other end (kind of pipe) and as in the `c` bit-wise operator mechanism ...read optimized and write optimized ...few more design principles may be picked up from above

When writing or designing file-system's or database design(segments, extents allocation

etc) ...making or having the ability to address individual platters in a spindle in a hard-disk give the ability or scope for optimized read and writes ...with reference to 'seek' times for data.

The above scores from the perspective of data structures ...say database context, allocation of extents, segments and growth of a table or a element in a database

- 626) using old ...metal based mesh or shield based protective gear wearable for war-fare ...protective both against a bullet, sword or arrowthese thin foldable or roll-able mesh can be used as a unbreakable ...scroll based for windows, exit entry points , door pathways at high security arena's ...using mechanized motor ...woundable on a drum , for instance refer to how cloth(for garments) is retained.

For instance usable in aircrafts ...exit -entry points cabin or cock-pit

- (scope for research exists for a thin polymer ...of the above quality and strength with reference or respect to brittle ness or bearing impact ...kind few attributes derivable from a float glass ...yet flexible like a foldable plastic)

The above can also be used in a automated manner using a sensor based , much like the security doors in front office's in most corporate environments operate-able using a swipe card ...much like wind shields as entrance and exits from car to the other car in rail road (train, tram) based services ...where in the tickets can be made readable based on magnetic ink , also based on password or numeric locks ...operable by a on duty monitor ...these helps in beefing up or implementing security and QOS

- 627) special equipment ...attachable or place-able near ...a flexi turbine or propellers that can be used to disrupt ... radio frequency ...remodeling a defense aircraft can help, for instance ...in a warfare scenario ...disrupt all communication of enemy or a rogue warship ...equipment ...the above may require ...modifying the a propeller or turbine appropriately

...the above equipment can also be used to carry out or for instance passage of some vehicle or other importance equipment or data of importance under cover the vicinity or surveillance of satellites

The above ideally works as jabber or the one that blocks radio frequency ...and also alternatively be used to pick up any radio-frequency based communication channels in the vicinity ... ideally above such equipment while blocking radio frequencies ...should be able to communicate with a ground force or a commando force involving in such a operation ...i.e. either radio equipment thrown arbitrarily to the ground or force's that may be involved kind of a combing operation ...in this light ...a ground based color code over head light or laser might come in handyadventure sports or retrieving say kind of pilot less navigation or surveillance or intelligence gathering equipment

- 628) Exporting eco friendly disposable utensils as used in parts of India makes a good opportunity viz. plates (various shapes circle, spherical, rectangle and containers to drink ...made out of leaves or leafs from plantains, Banyan , badam, (spelled a veestharakulu in local dialect) etc.

These make a good and viable option to be used in self-service restaurants

Also straw usually or traditionally used to weave floor mats(parts of indian sub continent) can be used to achieve the objective (Trendy hats would be great retail-able commodity)

similarly leaves from the acacia ...species of shrubs or trees ...makes good option for making containers ... foods in restaurants ... viz. oven fresh roti's, other such food can be served to customers

629) Ability to implement braking mechanism on ice or snow based skating equipment , for scotterette, sledgers etc ... kind of mechanism found in heavy earth digging equipment, or a tractor for ploughing the soil ...while operating such mechanical or engine driven vehicle's ...switch off a motor may help ...to control the amount of displacement or ...kind of spade used to ...clear or digout chaff from culvert ... that can be used to dig deep into snow or ice

630) Explore the idea of using a hydraulic lever or a shock absorber as safety guard in the front of vehicles ...that may provide...absorption of impact on collisions ...sudden breaking mechanism mostly for city or urban run vehicles ...while a spare tyre could also be optionally be used ...as positioned or on the similar lines as used on vehicles classified as jeep.

(A metallic frame parallel to the front of a vehicle a inverted 'u' of a can be suspended on metallic coils or a hydraulic lever ...which are perpendicular to the frame and vehicle)

similarly for trams, trains (pull based mechanisms) , designing the way in which each of the wagon or car is attached to succeeding car or wagon ...potentially on hydraulic levers ...should work as a shock absorber ...when sudden breaking mechanisms are applied

The above may be derived into a feasible working mechanisms (one may refer to hydraulic Lever based crane's)

631) Glass is usually blown ...over heat ...explore the idea of adding pigmentation to glass ...and compressing itkind of container ...into which pressure can be applied

...explore the idea of artificial ...colored stones ...like quartz ...that can be used for jewellery and other purposes.

632) Embedding a wifi ... karaoke ...to mobile phone's ...that can be retailed as part of branded range ...as cap to pen's or stylus to PDA or touch sensitive screens viz. TFT or dot-matrix screen based WMD's , PC or computer's that can be carried in a breast pocket would be a great-option ...ideally... in retail-able as computing platform as described else where in this document.

The above specific stylus can be modeled on the lines of a sketch pen or marker's used on a writing or white board for illustration to consist or host batteries,

The tip of the stylus to be made of non-metallic or a soft material to scratch proof on a touch sensitive screen ...ideally of the kind of replaceable tip as found in a clutch pencil

With the scope and limitations of a WMD handsets ...a touch sensitive based circuit as in can be found in a keyboard of a computer ...in lieu ...to be designed as dot-matrix pad with a high resolution ...or...a circuit board (with a continuous supply of direct current such that the sensors below can track or trace a thumb impression, handwriting ...with a tip of stylus that is non conducting) ...or as dot-matrix board attached to a processor with a metal interface, layer or surface such that ...as in the above using a stylus...with a tip that can discharge electrical pulses to the sensor's below ... hence the ability to capture a handwriting ...ideally touch screen based plasma screen based VDU's can be modified to suit the purpose.

With most mobile handsets being shipped with a cam or camera, ability to capture handwriting over a slate or a chamber on a cam or camera ...designing a suitable module that can be fitted ..such that a sufficient focal-length ...and resolution is possible to handle the handwriting ...equipping such a device with enough RAM and BIOS (or software module) handle such processing ...the specific chamber should provide a proper interface or a conducive environment for scanning (kind of the functionality)... a scanner ...kind of a magic slate (a polythene sheet over thick carbon) ...so that what ever is written is visible to the user ...and scan-able from the cam or camera lens on the WMD ...at the touch of a button...or since a image is always under the vicinity of the cam or camera lens ...a specific key-stroke or letter in a language, kind of `` full stop or a ` , ` comma (language or pattern recognition)

633) With reference to designing software interface ...display of documents or databy fixing a page size say standard A4,A6 etc ...at any given point of time ...a given or fixed amount of data can be displayed, either using a scroll event on the touch-pad or on the mouse or a key-press of the down-

arrow, up-arrow ...amount of data (for instance say page, paragraph or number of lines of displacement) displayed can be made configurable.

- 634) In a Ethernet topology ... all participating hosts are empowered with a network card for network based communications ...in network communications as implemented ...a internet protocol based packet is broadcasted to all hosts in a subnet ...such that ideally only the target host accepts the packet and rest of the hosts rejects the packet .. 'the protocol' ...modifying the network equipment viz. switch or hub or router ...such that the network-card is located on the 'switch or hub or router' or using only the router(a intelligent circuit ...to a subnet ...in this specific instance within in a subnet only to the specific host ..instead of broadcasting the data to all the hosts in the sub-net) ...such that only intended or destined data or packets are broadcasted to a specific host on any given sub-net ...hence no scope for hacking or piracy of data.

(it is to be noted ...while a intelligent device ..to be able to cache the incoming bits ...i.e. a network card on a host may be required ...optionally since ...it is still a circuit ...even when the network-card is located on network equipment ...the option or idea may be explored ...as in the case of SMP, The above ideally in a network based communications ...requires suitable modification in the IOS, to make a router function ... suitably for the purpose ...as there are no sub-nets involved and contrary to a switch ... which is just a circuit ...making the switch or router a intelligent circuit ...kind of DNS or WINS embeddable in to a intelligent device to enable routing of bits only to the specific destination host ...one may refer to switching or routing equipment in SAN)

Note: The above to be packaged or marketed as part of a proprietary computing platform

The above also helps in exposing virtual lun's over ip ...or binding or exposing storage over-ip making use of high-end array's and also storage from fibre-optic based SAN

- 635) Opportunity lies in manufacturing porous sand-stone in fixed slabs ...that can be used for creating enclosures ...kind of storage units for commodities on sprinkling water

replaceable planks or panes for windows ...made out of natural fibre (rubber or yarn or haystack) or synthetic porous fibre ...kind of the material from which candle's in water purifiers or filters for house holds ...the above on being sprinkled with water ... can or should be able fight the summer heat

sand blended with neem or rubber derivate based adhesive ...can be used in old style constructions ...with lime-stone plastering ...for constructing temporary partitions or cheap country side constructions

- 636) Designing seating arrangements in theme parks (joy rides, zigzag twist ...based roller coaster rides etc) ...for couples such that the seating is made much the way or like in bikes in two wheelers (back to back)...while safety issues are taken care of ...making it a thrill and fun to spend time.

- 637) Based on the way quite a few vending machine's function i.e. coin insert based or coupons that are MICR reader or a scanner based pattern recognizable or barcode based to serve purpose

custom designed coins or card ... and a custom designed locks that function based on a pre-settable numeric lock and a insert-able coin or card ...hence a innovative locking mechanism to quite a few utilities ... car's, wardrobes , safe's ...valets, high-security enclosures ...etc.

Also customized vending machine's derivable from the above in super market's , stores that not only makes accounting and organizing rack-space

In conjunction with the above printing coupons... by utilizing or making use of concepts as described in 242),243),244),245) , lets printing coupons or tickets ...that have custom embedded pattern usable as temporary visiting coupons (say platform tickets ...in the context of railways ...readable by a hand held device)

Motor driving licenses and other identity cards issued as magnetic strip enabled (MICR) ...readable By MICR or magnetic card or a WMD enabled device ...makes logging of all the transactions ...ideally Linking all of them to single identity card ...track-able through a globally monitored directory makes the concept simple ...refer as described else where in the document

Given the manner in which paper currency of various denominations are printed ...coins of various Denominations potentially can be printed ...which can come in handy for ticket issuance ...in vendee units to issue tickets of various denominations (usually applicable for what may be termed as local or short distance travel ...given the scope of such denominations)

Making use of smart device ..viz. computing or processing capability and mechanical indices ...ability to stack coins of various denominations ...in individual array's ...such that in automated manner based on the availability of various denominations ...a vending machine can handle transactions including tendering or returning of change to the customers based on amount tendered

- 638) A hot-ballooning based equipment modifiable with a remote operable (viz. motor of the or engine of the hot balloon) ...for remote sensing purposes ...this makes or gives a re-usable weather data-collection, and Arial-based geo-logical survey of land equipment within a small geo-logical area.

Explore the use of Infra-red or thermal energy ...to power ballooning ...instead of fire ...while combustion based engine may still be required power such a operation

- 639) Desktop or workstations based computers equipped with a wifi or wireless modem when not used may be made to function as radio i.e. listen in a frequency ...much the same way it is observed in WMD handsets.

- 640) Re-usable and remotely manageable war heads ...with the ability to control the explosion from a warship ...for defense, air and navy ...the ability or capacity to carry number of war-heads by any war-ships being limited ...designing of war heads with explosive power and limited fuel and some basic air based acrobatics ...using a mini ... turbine or a helicopter ...ability to imply aerodynamic features ...as are being seen in some toy's ... should these war-heads be made retrievable ...ability to refuel them from the main warship ...remotely manageable using WMD.

- 641) Based out of how a balloon filled with gas ...tail or mouth left open ...off shoots...take's on a trajectory ...develop...a toy gun, pellets for a hand-gun or a rifle or automated machine gun or kind of tank ...refuel cylinders that can fire ...a war-head ...out of a compressed cylinder consisting of gas (...made out of light weight ...carbon polymer ...or other lite-weight metal kind of aluminum) ...these may be used as light-weight short range war-heads ...for suitably designed aircraft ...usable for defense to other purposes...civilian purposes ...for instance a metal pellet attached to a rubber tube ...say kind of condom or syringe ...that expands vertically in a column ...this kind of a pellet should ideally be able to traverse far-her than a normal pellet in a shot-gun ...that usually fires a pellet or bullet that is given momentum from a compressed coil ... on expansion of the coil

Filling such pellets with dry-ice may be a good option to be explored i.e. fill with dry-ice and sealed ...compressed gas ...at normal temperature...alternatively for instance taking a syringe ...embedding a compressed coil fill it with dry-ice ...and sealing it...on the seal ...being punctured ...the coil ...force's that dry-ice ...and thrust can be seen ...this would a good pellet or bullet ...embedded with some poison or anesthesia ...that can be used for hunting animals ...in environments like Alaska , Siberia and polar caps (given or estimating the fact that nitrogen ...solidifies at sub zero levels of temperature...or a specially designed unit ..that can store such pellets in appropriate temperature irrespective of surrounding climate ...say store them in a vacuum tight container or a ejection module)

Note: It is to be noted that such pellets should be light-weight in nature ...yet strong (material Density ..to be able to make an impact on the target)...and achieve the momentum of Or flight ...or trajectory from the embedded fortified gas

A foldable wings for gliders ...say ...wings are made out of kind of a frame (refer to a portable television antenna) ...and material as used in a parachute for sky diving...using a fan or turbine or a propeller as in a sesna aircraft ...a mini...guidable glider ...hence derivable [war heads ...actually such a fan could be hindrance for a missile or warhead may come in handy in retrieving stuff say a enemy space or warship intruders in a airspace and vanishes] etc

- 642) A steering mechanism for 4-wheelers ...as used in 2wheelers or 3 wheelers ...instead or a 270 degree + rotate-able interface (deriving from the fact say earlier tractor that used

a two-wheeler kind of interface ..which were more prone to accident ...grip or steering and load balancing of the pully) ...the rigidity of the steering or flexibility in the steering to be made adjustable ...the more heavier the vehicle the more the rigidity in the interface or steering (more importantly ...the above interface a stem as in two wheelers or steering in 4 wheelers) being based on a kind of gear on the front set of wheels ...a vertical gear kind of a road ... socketing into another gear kind of interface rivetted or fixed on the navigatable front wheel (the number of threads on the gear ideally should determine the rigidity or rigidity)

- 643) Deriving out the 'design' of how a portable antenna for TV-set for low frequency based transmission ...two such stems foldable (optionally hydraulic) ...with planks (at around 45 degree) between the two parallel planks or planks attached to one of the planks optionally supported by a supporting ...metal chain or rope attached to a parallel plank

A ultra flexi ...ladder ...deflatable 25% on a scale of 100% of the size ...a kind of a foldable stair case that can be used with fire-engines, optional structures for transport air-craft ... dwelling units opera-table using automat-able or remotes says WMD

- 644) Deriving out of the design of a ladies umbrella ...and each of the stems in the umbrella supported by a strings (rope , thread, fibre ...with high tension) ...on to a slide-able metal or fibre socket on a gauge wire made of metal or fibre ...to which a rope with high tension can be attached ...hence a innovative parachute ...design that can be usable by sky divers ...defense aircrafts on short air-strips such as navy ships or short run-ways (automating ejection of such modules just a few meters before landing helps

- 645)-----
A optional add-on ...that works on shock absorber or a hydraulic lever operatable ...and ability to lift the weight of a vehicle in the rear and the front ...using mechanical levers in a automated form ...kind of a stand, just enough to perform a wheel replacement ...or potentially detach ..the sock absorbers from the wheel suspension and use them as a hydraulic lever ...when a wheel replacement is required

Ideally a central compressor used for both coolant can also be connected to these Shock absorbers ...to function as required.

- 646) A nylon hair follicle based wiper (duster ...this is addition or suitably modifiable or usable in addition to the normal viper used usually against rain) for 3 or 4 wheeler wind-screens ...to dust of fine dust ...derivable or modifiable ...from a kind of duster usually marketed for dusting brittle house-hold articles ... the above would be ideal to be marketable as replaceable or socket-able brush.

A motor operated ..viz. a vacuum cleaner (hair dryer motor ...or a mini table fan ...motor)...to function as a vacuum succer ...attached to porous brush attached to a tube or a flexi coil at the top of the wind screen to function as a viper (able to clean both dust, dry or suck water)

This can also be used in aircraft, train tram

A innovative brush with bristlesoptionally powered by a DC or ACto make use of static Electricity ...should come in handy in few scenarios

- 647) for two wheelers (scooters...bajaj scooty ... luna) and few other vehicles or scenarios ... instead of mounting a tyre on to the motor ...using a belt or cord (a non gear based pully)...as in motor pump-sets (usually used for drawing water from wells) helps leveraging or optimizing rotations of the wheel (the above originally originated from a probable idea suggested to few acquaintances about powering a bycycle with a motor)

- 648) using a suitable container ... that can give or host sufficient airspace ...baking(cake or bread making) as process can be or should ideally be able to be done in a pressure cooker

- 649) Embedding soft tissue as used in a keypads in mobile handsets (wireless telephone) in mouse (a device used for pointing and contextual event triggering for computing devices with a VDU), to suppress the key-tone or click noise would be a good idea.

(most wireless key-boards used seem to be equipped with such a material or tissue ...

viz. quality and the nature of the product and pricing)

- 650) Ideally a Projector based system should solve the need for a VDU ...including the fact that for computing purposes ...the way a WMD based keyboard and mouse functions

With the surrounding light ...effecting the quality of the Display when using a projector based VDU ...with surrounding darkness giving the best visibility

A algorithm ... to suffice within ideally a living room ...

An optimized projection (cathode ray signal ideally) ...computable based on surrounding environment, and also a ideal lighting (with white ...being most absorbing) ...spectrum to illuminate the surroundings ...while not effecting the visibility of the projection ...the above tries to rationalize the idea of television or a monitor ...and also the fact that a television has more or less converged with a PC or computer

Note: A Teflon cloth based dot-matrix screen or a dot-matrix VDU's may also substitute for display Or projection in-lieu of cathode-ray based projection.

- 651) Deriving for aids or tools used for Hearing Impaired ...a head gear or set that can function as speaker and a karaoke ... that is pluggable to WMDs (mobile handsets, watch based WMDs , TV, PC) much like a blue tooth head-set ...powered by a battery...functions using GPRS or wifi or IR based technology ...to manage communications between WMD handset and the headset

Retailing replace-able pouch's or coverings for headsets ...would be a good idea .., as they are subject to wear and tear (add-ons to music players, WMD handsets ...)

- 652) A giant vacuum based machine (that may optionally be operated manually) ...can be used to harvest certain types of crops (cotton that gets bloated on the tree or saplings, including few types of grains or cereals)
- 653) Giving an interface to boost the received or streaming radio frequency ...in consumer electronic goods (mobile handsets, transistors , television, wi-fi) , optionally improves the quality of reception.

(observed the fact that nokia offers voice boosting in some of its mobile handsets, while the intention is not to violate patent or copyright related nuances ...it is to be noted that radio frequency boosting is norm or common many as services being offered for instance terrestrial broad cast of television services being offered by say DOORDARSHAN, voice of America, BBC all of them engage in such activities ...for instance for relaying of their services Ceylon based earth station takes care of strengthening the radio signals)

- 654) Peanut or groundnut ...various other forms of seeds offer sources for oil ...

peeling of the shell covering on the pulp ...offers a good means of branded offering branded quality of oil and also many a manual labor or blue color jobs for manual labor (this applies to cooking oil used for consumption) while sources industrial consumption may not require refined approach (this can be used in lieu of diesel)

- 655) Internet being a network of network ...deriving out of the concept of the command 'mesg' and with reference specifically in the context of a browser as a interface ability to broadcast a HTML or GTK window ...a means or ability to broadcast globally ...would be a good option to be packaged as a premium service or option given the fact it would be a resource intensive, this may or also works as a kind of SOS , also for professionals registering with ISP's ...data collection at signing for service ...allows or enables reaching specific set of classified users

(to enable such a feature a custom built IOS or routing scope in routers ...refer else-where in the document)

- 656) Prescribing or allowing House Wives to learn nursing or midwifery as course, keeps every house hold abreast with First-Aid , ability to handle emergency ...this helps in remote villages particularly in the context of Indian sub continent

657) Ability power-off or disable subsets of circuits ... soft switching i.e. soft disabling and hard switching off or disabling

Giving an option to turn off the sound or enabling a mute mode or disabling few features such as background sound in mobile handsets, while using it for playing games (an alert or auto enabling the sound and incoming call)...additionally much like a jabber or radio frequency based protocol ...wmd's can be made to suspend the transmitter or receiver functionalities ... while all other functions can be used ...say while traveling (the devices can be made to put such a mode ...much the way power suspension or sleep mode works or made to work in some circuits and computing platforms (disable set or subset of circuits on a fabricated board ...reference to electronics fabrication of circuits)

[The above also comes in handy with reference to when maintaining a CM-OS kind of clock, to maintain a clock that is active even when a mobile is switched off]

Also on mother boards for computers that use add-on slots (ISA/ESSA ...) or extension cards ability disable or suspend their function ...at bios level while being plugged onto the motherboard (kind of more feasible or legible mechanism ..viz. IRQ enabling or disabling)

Similarly for digital circuits coming with a embedded radio transmitter or receiver ...the above Mode soft switching off can be applied ...it is to be noted that with most Wifi ...wireless lan ...being just another WMD ...they may be designed to function as RADIO (FM/SW/LW)...with... interfaces that can be set using software ..i.e. frequency in which to listen or broadcast Some times ...for security and other purposes ...one may need to turnoff a part of the circuit, For threats like hacking etc ...it makes a more ...ideal approach or implement such design with A hard switching off the sub-sets of circuits ...refer above instances

The hard switching off of the circuits can be done ...in a innovative manner ...by implementing Hard switch's on circuit design that can be turned on or off i.e. to determine the circuit is closed or on , for instance the design can be derived from modern means or approach of implementing jumper settings ...tiny...button's ...whose position determines if a subset of circuit is switched on or switched off ...this is same as the way or more or less the mechanism of powering on or off is implemented in most DC powered devices or even the common AC powered devices

658) Regulators of power as used for electrical fan (living room) can be used to control the lighting or voltage of all kinds of lamps (including decorative ... chandeliers) i.e. control the amount of lighting in living rooms (100 candula bulb can be made to glow at 40 candula , zero candula) ...kind change in the interface used for powering these electrical devices i.e. ability to control voltage

659) In luxury cars ...vehicles ...letting exhaust gaseous after combustion to pass through a chamber of coolant (compressor ...as a radiator) ...to solidify exhaust gaseous ... so that dust or pollution exhaust can be controlled ...periodical servicing of the vehicle should solve any clogging etc, periodical exhaust of sediments or clogs using a blower

660) Explore the idea of designing a beehive structure ideally a conical in structure(with that can host bees on the spherical structure) such that harvested honey potentially be collected into container at the bottom (while am new or have little understanding of bee culturing ...do-not know if wax can be managed such that collect honey drips into a container or bottom below such a structure ...making such a structure with a squeezable ...rubber ...polymer would be a good idea) ...additionally a Tiffin carrier kind that can stack slates may also be a innovative design

661) Most women , men use a mirror ... makeup ... those in service jobs etc, ...enclosing a mirror as part of a pocket based WMD handset would be good idea ,

using the concept as mentioned elsewhere in this document ...a suitably designed rotatable lens or cam enclosed with the WMD handset should ideally suffice the purpose of a pocket mirror ideally a 360 (spherical refer to mercury or kobian karaoke or how a few intel or mercury cams are modeled ..ideally kind of ball bearing) degree rotate-able stub on a communication antenna, with a embedded channel within a outer antenna that can be screwed or plugged into mobile handset

662) Making using of a small free wheeling based fan ...based which set of wings flip flop ...a small

kind of a toy that can fitted to ...cap , a hand held toy , a battery powered remotely controllable toy that can float in air (kind of helicopter ...giving a false impression of a bird), or arrow that can be shot from a toy gun

663) Develop a generic model for art of communication in using mass media ...

For instance taking a leave from they way the signs on a traffic sign boards work for common Public using public transportation systems (roads, rail crossings etc)

In brands, organized groups spread across geo-geographical locations a agreed code of conduct Based on a agreed set of signs can be achieved or arrived at.

For instance in Retail distribution channel for FMCG sector , sales or representatives of organized companies ...given the fact both life of the Stock or goods being variable as also their demand in masses (dependent of various factors climate, fashion, age, ethnic etc) ...the fact that these groups are organized for a common purpose (thrift or for profit or other objectives as per the charter) of the respective concerns ...secret communications ...with reference to usage of various emblems or sign's representing code of conduct, and also location or placement of the emblem or symbol with in the advertisement in MASS media ...hidden mode of communication ...within the members of the concerns can be done or achieved (for instance in FMCG folding of unpopular brands , increase in price etc ...on the fly communication ...gauging 4p's , 6p's of communication)

Similarly designing scientific concepts of data to carried in encrypted or hidden form ...preach-able or written as stories or games to be played in common folk lore would be a good feasible idea

For instance taking the case of `Lingochha` ... a game in which one among a group(s) of players ... one of the players hits a stack of tiles or coins with a ball ...the rest or one of the groups takes the task of putting them back into place ...with who ever getting control of the ball hitting or Putting the player out of the game when being hit ...the game is repeated with each player earning points as the show or game proceeds

The above is game usually played by kids in on most street corners ... ideally symbolizes the process are handled in the context of unix

664) Based out of a earlier project statistical analysis and reporting ...combined with GIS , Geological survey and map making , with a election kind of database , earlier project of Hospital management , using icbm co-ordinates(given sufficient scope) ...develop or generate statistical charts on Maps ...of population demographics ...people , households, within certain income group, age group, patient records (infliction with communicable , non communicable diseases , consumers of various kind of FMCG goods and other essential services (cooking gas ... vs. microwave oven users, kitchen usage ...self preparation of food or those relying on fast food) ...data helpful to insurance marketing, insurance enforcers, underwriters

665) Making use of electromagnetic pulses ...electricity (to an extent) ...kind of battery charging, or charging of devices (backup) ...can be done ... ideally way of implementing such a concept would be as is the case in Infra-Red based technologies (while the mechanism used is different while it is a color spectrum in this case)

[make use of a embedded magnet in a device or use earths magnetic field ...to generate sufficient motion to power a dynamo ...requirement magnetic field being a measurable quantity (strength of the field ...a transmitter or receiver that can listed in kind of anonymous mode (in a network NIC cards parlance in computing environments) to any frequency at a specific strength of the signal ...a probable notion that might come in handy for the specified purpose i.e. idea is to generate sufficient magnetic field to able to power a dynamo ...based the fact that opposite poles attract, like poles distract ...hence create field relative to a magnet located internally in correlation to the incoming magnetic pulse ...or to like poles based on the incoming pulse ...ability to power a small dynamo)]

666) Based or deriving out of virtual reality ...development of Roberts ...integrated with a computer, ...a interactive response and stimuli reorganization ...and response system ...for more information ...and scope refer to 382) ...generation and development of algorithms that let these artificial based response systems to react to various scenarios

...for instance ...a proper virtual reality based equipment fitted to a human object ...lets these nature of events ... stimuli to stored ...replayed by a artificial robot in place ...also biometric

computing and scope in the above parlance (given the fact that vocal chord ...thyroid gland, magnetic resonance ...magnetic pulse sensors ...let capture these kind of response or stimuli in humans)

A artificial intelligence ...based compendium or a robotically manned robot ...

A innovative solution ...given the nature of society who controls whom ...as also the advantages Of having such a reference at hand and ready or easily accessible to all and sundry.

Artificial being self learning (dynamic ...refer to chess and few other algorithms implemented) as also ...a human interactive robot (equipped with all required sensory senses as necessary) ... that can refer to or access ...reference libraries of audio, visual and text based materials ...ideally Able to diagnosis and arrive at a ... kind of thesis ...suitable or helpful for doctor or practitioner (kind of access and capability of a computer to ...refer ...search etc ...case studies ...)

Note: for more information ...refer to as illustrated ...or evinced else where in the document

667) with the availability of Maya and other advanced algorithms ...ability to record or capture ...various arts ...say dance ..performing arts, poetry ...various languages and databases being available

...an algorithm ...for a artificial character(say buddy as marketed) ...to retrieve or response to a hawa bhawa (vernacular language) ...body language ...emotion (fact that several languages (Indian and across the world have enough database of scripts or prose , poetry that describe ...a state or situation or emotion ..in human parlance ..ideally put as a emoticon in instant messenger parlance)

668) Implementing gear based system on a tri-cycle ...both manual labor based as also motor powered (also diesel powered ...or multi fuel would be a good idea)

669) using menthol ,kind of washable pouch usually found in inhalers (tea bag kind ...induce aroma) that can be rinsed or put in hot water ...useful to steam baths (incensed steam ...vapour), sauna bath ...one of the advocated first aid relief for common cold , chest congestion , cough ...etc

670) Most or many house holds or individuals ...possessing PC, Desktop computer ...or computing device ...much like a address book ...organizing a ... software module to cater to one's personal stuff ...takes a inventory of storable or addressable space (racks, cupboards) ... organizing stuff with reference to this addressable space ...i.e. generation of a catalogue ..also refer to 586 o) ...also refer to online library information, inventory ...i.e. apart from classifying (class, category) the available resources (books, manuals etc) ... organizing them into the available addressable space

Note: The above comes in as good handy resource for retail outlets, supermarkets, libraries, Pharma outlets (... refer to hospital management as well) ...when refer to retail-able Merchandise ...those articles that cannot be quantified with a unique number kind of Isbn or bar code ...they can be quantified with reference to the addressable space with Quantity , volume i.e. (measurable form number of articles) ...additionally it is to be Noted that the above takes in to account of organizing available space in to a addressable Space ...much like a file-system in a computing parlance

671) kind of calamkari (termed in local dialects in parts of Indian subcontinent) ...painting or decoration using glass i.e. termed as glass painting , can be implemented or achieved on porcelain or earthen ware would be or should be good conceivable and feasible concept ...articles of this type would be great asset for interior decoration

672) While driving vehicleson curved paths ...roads, highways ...torque can be used as a technique to negotiate such curves while driving two wheelers by the driver using his weight , where as the same ideally is not possible with 4 wheelers ...for some types of 4 wheelers (used in luxury) race shows ...using a few attributes viz. based on design, weight of the driver, fuel tank suspended on shocks appropriately i.e. that can be slide , aptly designed for the purpose ...a `F1` design car more or less or ideally suiting the design of 3 wheeler(..a auto in Indian context)

Note: It is to be noted as such `torque` being the case ...ideally some of the weight of the Components of a vehicle can aligned with negotiating curve , additionally it may also be

Noted that while laying such roads or highways ...the structure of such roads or highways Can be designed such that they align with torque as a component of the vehicle plying on the road (observed a few such instances on pune ... nasik ... `bheema shanker` highways)

In the context of the above 4 wheeler based vehicles can be designed such that rear portion be anchored with additional pairs of wheels (free wheeling) also it may be noted that most engine equipment (gear box) gets jammed or engine comes to a stop still ...hence making anchoring of engines in the front with a lever to rotate the wheels in the rear a redundant ...hence anchoring a engine in the rear with a superior quality braking system , engine ignition system a more viable option ...more importantly anchoring of the engine in the rear also ,scores with reference to torque,

In conjunction with torque ...and overturning of vehicles(usually transport), it is to be noted that when structuring load (say kind of density) ...in proportion to speed of the vehicle , it may noted Anchoring a additional pair of wheels in the rear score i.e. speed vis. a vis. torque ...it also scores with reference to lane system implementation and drivers speeding or overtaking of vehicles a phenomenon usually found on non structured highways ...where the above kind of accidents are more evident

It may be noted that implementation of a additional pair of wheels in the rear ...ought to be in line With following parameters length of body or truck ...and wheels that may potentially effect the friction component and hence the net achievable speed of the vehicle (given the nature of threading and the fact being they are four wheelers friction and the secondary rear wheels being free-wheeling i.e. not operated by a motor they may not effect the speed component as such)

- 673) Marketing or retailing deodorant spray's as mild ... pungent (much like the way ittar ... the traditional ...scents are retailed) varying the strength of the odour ...offers good branded retailing opportunity
-

A traditional ...preparation called doop ...usually used in subcontinent parts of asia ...to fight body Odour ...also a decorational scentgiven that the material requires being ignited or burnt

The fragrance from doop offers a good marketing opportunity to be packed in compressed gaseous Form along with other gas or air (if necessary) .i.e. the vapor from doop material being burnt Packagable as a product ...in the form of modern spray

- 674) Much like yeast cells, retailing bacteria ...that can make curd out of boiled milk offers great market opportunity (one may refer to the process or derive from how china grass ... is potentially manufactured)
- 675) Flexi cubes or frames or enclosures that can host panes(glass, wood, particle board) for windows ventilation for dwelling units, solar panels, portraits in museums or art exhibitions etc
- i.e. cubes or frames or enclosures that can be easy to assemble or disassemble
- For instance the manner in which panes to windows are affixed can be derived out by creating a Slot for the pane in a windowthe design can be derived from the following components
- hinges on which windows are usually affixed or suspended
 - the way cardboard box for packing sweet meats are manufactured, the manner in which sides are bent out of a cardboard sheet to create a container or a cube ...with screws that can be rivetted to arrived at a enclosure in the corners
- 676) For 4 wheeler vehicles ...used by households , pet owners ...the window panes for doors of the vehicles can optionally be made or additional provision for mesh based panes ...this lets pet owners to lock their pets in vehicles while they shop or on stopovers on long haul based drives viz. cross country rides or trips etc
- 677) Making use of light diffusion , filament based and non vapour based lamps of sufficient candula, optimal room temperature can be maintained ...feasible for house holds, dwelling units in colder climatic regions ...with adequate electric supply or alternative means of power supply ...the above eliminates usage of heater based air-conditioners (which may pose side effects to individuals health) ...also designing or using float glass based (mercury or mirror kind ...used aptly ...say false ceilings ... projecting light on to these kind of false ceilings

with a reflective surface much like on the hoardings or billboards) enclosure ...in sync with thermo dynamics would be good viable option (few aspects or concepts based on which solar based heating systems are developed ..may be employed)

678)Based on the manner in which a head moves on dot matrix printer on a drum,

assuming that it is carbon or metal coated ...using the way a read-write head is implemented in a compact disk drives ...a read-write head that moves along the length of the circumference of the drum can be designed ...this should ideally give scope for not only multiple read-write heads ...but also contiguous tracts of spaces on a addressable file system ...while the drum is rotate-able like disk ...and all the characteristics applicable to disk based file system are applicable ...with specific change being read-write-able tracks are rather along the length of the circumference of the drum ...with most of the low-level functions on a disk drive portable

Refer to 538) ...also it may be noted that hard-disks, compact disks with multiple read, write heads ...with read and write function implemented in an optimized manner and may use the concept of thread synchronization with reference to which head can write at a time

679) Manufacturing Compact Disk encasings such that the bottom is laced with a soft tissue as in a floppy drive i.e. ideally to be encumbered in 1cm gap between the base of the compact disk encasing the compact disk itself ...to prevent settling of any dust particles or sediments ...that may result in scratch on the compact diskette (while cleaning the encasing always helps)

When designing CD encasings ensuring such that there is at least 1 to 2 cm of gap between the based of encasing and the socket on to which it is plugged or stacked on to a rod or all rings stacked on to stem or a pole

alternatively compact disks can be designed such that non coated portion of the compact disk i.e. concentric circle ...non coated portion is elevated (both sides) (alternatively converse of being elevated) than the rest of the portion of compact disk, hence when stack of compact disks are placed one on another there is always a 1cm to 2cm difference or gap such that none of the compact disks and their coated portions do not scratch on to each other or touch base with each other,

this may potentially require minor modification or change in the compact disk player as well,

Hence scores as a superior product than those prevailing the market ...for more information refer to how the carbon film is attach to metal disk in a 1.44 floppy disk .i.e. stripping the floppy shell one finds the above design.

Innovative CD encasing ...consisting of envelopes that can be filed into a cabinet ...while these kind of CD encasings are available in market ...cataloguing such CD's ..and retrieving is difficult ...hence a a innovative flap or placeholder for a sticker(indicate or catalogue the CD) ...the concept is much similar can be picked up from the manner in which Diaries(date ... year, month, day) are catalogued or can also be understood from how files are organized in a filling cabinet.

Each envelope or pocket in CD encasing that holds CD or CD's ...comes with a extra edge ...ideally on to which one should be able to write with a marker or stickup a paper sticker or kind of tiny labels used for marking price or barcode

the envelopes should be ideally be organize-able such that when placed in that all the flaps on the envelopes are organized in the form of a stair case ...letting one or giving the ability to read the label

Note: The above concept can also be extended to or applied to print based yellow pages , telephone directories (organizing categories and also alphabetical sequencing of entries within each category) ...it may be noted that when designing yellow pages, telephone directories in such a manner ...the page markers for categories ...would make sense to created out of poly sheets or thick cardboard

680) Retailing liquid dispensers (soap, lotion) etc ...in containers with a larger base so that they can with stand force applied by a human hand ..so that the container does not get tumbled over...ideally retailing them as containers with sufficient diameter at the bottom and a piston and outlet at top for dispensing

say a bottle with decreasing circumference , perimeter with a large base at bottom

[for instance ...refer to ketchup is dispensed in restaurants, the popular calcium tablets retailed by Johnson or glaxo brands with a poker or joker face ...also a larger rectangle at the bottom and decreasing periphery or perimeter would be a viable option]

- 681) In the concept and the notion of a database ...for some simulated games or feasible practical real life scenarios in real life ...the notion and concept of a rollback transaction may not be a feasible idea ...this may be extended to the notion of commodity markets based propagation of human settlements that ...prophesize wants, needs and division of labour

Taking the concept of a stock market ...it requires that an ideal means of implementing databases Is to be with a disabled rollback transaction ...while the underlying medium for storage may also require a single write disposable (kind of improvised ROM)

Hence the scope for a mirror enabled ...databases with no roll back transactions (it may be noted that the paper based ...mediums does offer one such convenience though it has its own set of draw backs ...connivance is something that can extend irrespective nature of means given the fact that ... people or groups organize themselves for a cause)

- 682) Mechanized equipment for manufacturing papad (a Indian delicacy) , roti on large scale , drying of the papad under micro-wave kind of arrangements in a large enclosure or room may be explored

Note: Flour extracts from several pulses ...green gram, black gram with optional pepper, dried flour as ingredients

The popular rice based roti or sandwich's served with dough from green gram ...can be made spicy by mixing or sprinkling the dough with pepper or sliced green chilli

With microwave oven being a common house hold utility ...retailing frozen dough(post fermentation bread, cake ...etc) [or alternatively they can be baked in front of the customer from the above manner]

or

the necessary mix(flour, salt, milk powder ...etc in right quantities) + appropriate amount of fat or oil (both the sachets retailed together) so that they can be baked oven hot with little effort

- 683) In backup generators environments ... making use of WMD to raise or trigger a alarm,

Also in backup generators or emergency or alternative source of power ...make use of computed algorithms to calculate load (power) as a factor ..., switching on or switching off power circuits by mechanized levers ...and make use of available capacity efficiently and based on a configurable set of parameters ...power on only specific set of resources

(ideally as mentioned above a subset of the resources that consume power ...while power a alternate set of resources in case of power failure using alternative power supply or channel using backup generator or resource is possible)

- 684) Based on the manner on which fork call is designed ...instead a single child processes ...multiple child processes can be make to trigger , alternatively based on how a `case` or ` if and elif ` works in a programming context, based on the return value of the initial program that implements the fork ...a specific child thread can be made to trigger.

In sync with above ...refer else where in the document ...implementation of a prioritized Stack or Queue i.e. a linked list(optionally as a pointer to a process table ...a value based b-tree or tree would be a ideal proportion) ...from which how a subsequent process or code for execution ...say a function call or thread for execution by a master thread ,

From the above depending on the context it could be a master thread in the processor, Or a master thread within in a process ...how data for execution is picked up.

It is to be noted the above implementation of a process table i.e. a linked list ... includes the implementation of a process or program that takes care cleaning up the zombie processes

[

In the above context refer else where in the document ...based on the configuration set in the BIOS ...the Boot-STRAP program ...inits ...and which set of modules ...can be loaded ...for more Information refer else where in the document

]

- 685) SMS based raffle kind of services ...lucky draw to win xxx amount ...on sending an SMS to be charged an 'Y' amount for participation (adjustable based on pre-paid or post paid services) ... playing tumbola on SMS ...can simulated in co-ordination with a television or website moderation ...refer to uses of RANDOM number generator as described elsewhere in the document ...wireless distribution of housie or tumbola tickets ...marking or crossing of randomly picked-up or generated number by the player and affirmation of the same by sms ...a final submission of ticket by a player to website i.e. a SMS number ...optionally in co-ordination with a TV show ...confirmation ...of the winner ...credit of the prize money as air talk time, a redeemable coupon or a en-cashable coupon.

Mobile to Mobile i.e. wmd handset to wmd handset ...address book exchange application

this is much like the address book syncing between the sim card and the handset but inlieu lets exchanging a entry in the address book or the whole address between two mobile devices,

nature of wmd handsets or devices ...while XML-DTD suits the purpose ...either a standard protocol much like x.400 or x.500 ...or implementation of such a service or facility using a third party website (ability to upload the address book a visiting card or a organizer online kind of facility ...refer ...else where in the document

- 686) Deriving from the tool (hand operated) usually used to drill a hole into waist belts and other leather goods (kind of shoes etc) ..i.e. deriving from the one's usually a cobbler uses , a tool to crack to undo or pierce or drill a hole into press button (usually used in denim wear, travel goods) ...so as to undo the functionality of the press button
- 687) Deriving from a microwave oven ...a head gear ...light based heating equipment ... that can shave off hair on the human head ...ability to set the temperature in fahrenheit ...a hair trimmer or shaving equipment ...that does not make use of scissors or razors
- 688) A additional radials in a mechanical watch ...with a visual interface and indicators for month, day of the week (given the fact that periphery or circumference can be divided in to sectors), i.e. a additional hands ...whose indicator specifies the current month ...with a precision that includes the day of the week...i.e. parking of the indicator needle or hand on the appropriate marked sector of the circumference of a radial ...optionally the above radials can be designed on the lines the way a radial is designed in a compass ...with a marked a marked index or pointer on to which the radials get parked (the specific design ...being that entire periphery or the rotate-able circumference is viewable i.e. area (optionally a circular in model) of the encasement
- 689) Enclosing or embedding a tool (spoon , knife kind of) in jams, jelly's, cheese , butter spreads would be a good idea (ideally using a eco friendly i.e. bio degradable ..say for instance leaves from palm tree , bark from several trees can be used for the purpose, similarly several bamboo kind trees or plants ...can be used as straw that can be packed along with retail-able drinks ...for instance refer to the way beedi , tobacco based pipes are manufactured

(the green leafs from some ground based vegetables may also be explored say onion, dried much the way hay stack ...is dried ...may potential can be used , leaves of what are termed as thaati (toddy manufacturing) can be potentially sewen or adhesive can be used to create a pipe or straw)

Making straw or pipe(siphon cool drinks ,soft driks) or spoon (to spread) ...along with fast foods to be made out of starch or flour extracts(refer to cone in which ice-cream-scopes are retailed), eat or swallow-able rather than disposable stuff made out of plastic or carbon polymers

690) while implementing drainage systems in households, dwelling units (bath rooms, other place of sewerage of water ...designing metallic mesh cover or plastic mesh cover, to the drainage pipe such that it can be screwed with a casket(converse of corking and uncorking) , rather than being cemented or using other fillings (refer to kitchen sinks etc)

using the same concept as mentioned above i.e. a screw able cork with a casket(washer) , based aperture or outlet or kind of tap fixture ...can be provided to huge fibre made containers (carbon polymer derivative)...usually used as overhead tanks, storing containers for water or other liquid or adhesive shipments or general purpose containers ...making easy to clean i.e. wash (...say kind of sintex brand in India ...brand name is for illustration purpose only)

Implementing or designing drainage or manholes on roads, under ground sewerages, drinking or potable Water pipe lines etc on the lines a pressure cooker lid is designed would be viable (for design concept and instructions refer to TTK model as marketed and manufactured in India) ...with the additional concept or design that can be derived from the way aperture or manholes for underground or structured cabling is designed in computing labs or Data Centers or that can be uncorked using a lever ...also one may refer to the design of a PS/2 or scroll ball based Mouse design (the enclosure or encasing of the ball and the lid)

691) A improved design instrument for soldering ...instead of heating a rod and picking up from soldering wire ...a innovative design where ...the soldering wire is put into a kind of clutch pencil (design derived from kind the way ...pens used in writing circuits) ..with a embedded heater and press button ...kind of a nozzle

A similar pen (design derivative ...from soldering equipment or stuff used for electronic circuit design ...makes use of candle sticks as input ...innovative design or decorative instrument (in lieu or the kind or the manner in which plaster of pares is used)

692) Deriving from the way a plasma screen based display boards are designed, a innovative pen that can be kind of a permanent marker that can write in various colors on a Board (Looking for a potential material ...a photo voltaic material or a photo film as used in a camera) ...a potential usage in lieu of neon sign boards ...viz. after exposure ...a film or board that can display a banner etc in various colors ...with light or illumination from behind

Alternative to the above based on how a stencil is designed ...signboard that has engravings as in a stencil ...the slots that can be filled with pigmentation or colored glass or other non opaque or transparent material based alphabet or signs as engraved i.e. kind of bricks that can be slotted into these slots ...and a source of light or illumination from behind

A chemical coated paper (say potentially that can be used for writing purposes), a pen that makes uses of electricity (DC) ...a chemical that reacts ...to the discharged electric charges, hence leaving engravings of hand-writings or graffiti or inscriptions (for instance the most data written on to storage devices in computing environment can only be distinguished under a micro-scope, keeping aside of the fact of the interpretations of such data) ...the idea or option of perception of such data or the ability to decipher such data to human eye may be optional (nature of chemical used on the paper viz. laminated or coated with a chemical)

It may be noted ...that contrary to above ...usage of a appropriate chemical substituting the ink in a pen ...may also achieve the desired effect as described above on a plain paper

Usages: The above concepts can come in handy or useful for writings of WILL (interpretable in terms of law) ...hidden and secure communications

693) with some shoes being shipped with a sensor or a chip ...in sporting arena's ...for instance square-D in foot-ball, hockey ...tennis(tracking a ball) ...laying the ring or other court-yard with a metal ..kind of a metal based circuit ...

With the players and the embedded WMD devices that can be tracked by a central computer,

Production or electromagnetic pulse ...say metal sensor or generation or boosting of electro-magnetic pulse as in a sound systems, magnetic field (like poles repulse ...a compass kind of a device ...a needle that gets deflected) ...that can trigger a alarm in central computer

...that can be used to design ...violation of norms by player ...optionally a ball ...based on the location of the player or number of players etc ...rules that can be framed into the software

Similarly ...making the net as used in a tennis courts (long tennis , table tennis) ...made of Copper mesh ...and attached to a electromagnetic sensor ...that can trigger a alarm when a tennis ball with a embedded metal ...that comes in contact with the mesh ...that can trigger a alarm in central monitoring system (computer)

...or also alternatively be able gauge the tension in the mesh or the net upon application of force ...connected to a gauge ...refer to electronic ...or other kind of weighing machines ...that can be used to trigger a alarm ...also refer else where in the document ...that deals with how to integrate a player with a central monitoring system ...CCTV as used in sporting arenas

- 694) "Trust is the essence of Enforceability" ...theme of a stamp paper, trademark, copyrighting would be or proposed refined charter of entity (to be picked up from the principles and scope of management charter from below) ...

The essence of a stamp Paper being to be able to enforce the charter , Deed or a Agreement transacted on such paper ...it also means accession or agreeing to those enforcing or implementing a law in place

- 695) Pin code and (ISD or STD) and Address ability of dwelling units or other such constructions can be made or integrated into universal standard (reason pin code or ISD, STD can be used interchangeably or ideally underlying serve the same purpose)

- 696) Much the way refrigerators that come with a deep freezer ...a microwave oven that can be fitted into a refrigerator (taking into account the atmospheric conditions in some countries the fact that some processes like fermentation requires ideal temperature , including the manner in which curd gets created) ...microwave oven and potentially a special chamber that can be integrated with the rest of the unit ...kind of same principle as in a deep freezer whether to enable or disable a deep freezer (i.e. ideally say a valve that regulates the flow of cfc coolants around a chamber ...that can be triggered ...while other means or mode of cooling or refrigeration if any may also be explored) ...based on setting a timer or setting (refer else where in the document) that controls the warmth or heat in a chamber and also enabling or disabling of the process of refrigeration as a process

- 697) Deriving out the way how several deodorant or perfume spray or dispensers function a liquid foaming agent ...that can be used for sprinkling or spreading on areas of shaving(hair)

There also exists opportunity for a liquid or foaming agent that turns into foam upon exposure i.e. to air ...the above gives to more flexibility with reference to spreading of the foaming agent on the area to shaved

The above are to be used as substitutes for shaving gels or creams

- 698) Designing a fiber optic cable that is converse of concave (i.e. ideally alphabet `c` rotated 180 degree's on a vertical axis) at the core or optionally the density of the glass is thinner in nature at the core

i.e. a cable made or derived out of glass ...used to carry light pulse ...to represent data

The covering of a fiber optic cable ...covering (i.e. the cable usually passed through a hallow synthetic pipe) interior of which usually coated with a reflective surface (refer the manner in which a mirror .i.e. in the context used to or referred in general English ...i.e. a shinning surface in which one can watch one's own image or reflect light) ...ideally the same coating or preparation as used in compact disks on which data is stored may suffice for coating the interior of the such covering of the fiber optic cable

Note: the above idea is based on the concept of refraction ...i.e. the idea is to preserve the strength of the signal or a light pulse broadcasted through a cable

- 699)Using a spark plug (as used in most mopeds and vehicles) ...can be applied to CNG or LPG fuel consumption utilities (lamps, cooking gas) , alternatively a battery powered means can also be employed.

- 700) A innovative toy ...either battery powered or kind of mechanical spring refer to several devices that maintain time (alarm clocks for instance)

Two birds perched on a log (scenario say branch of a tree ...plank of wood) ...with a small container(consisting or containing Dhana ...say food grain) ...both the birds picking up or i.e. consuming grain, dhana or grain from the bowl ...at a frequency ...the action mimicked by or powered by as mentioned above (mechanical or battery as a means)

- (The idea or option of the perpetual motion using coils that gets compresses and expands i.e. when one bird gets grain ...the coil on which the other bird sits gets compressed and vice. Versa ...kind of triggering push pull ...putting the birds into a perpetual motion)

Birds suspended (rather hosted on a coil or spring ...in-lieu of feet) ...on a fig or carved Trunk...makes good retail-able option ...given the scenario ...making use of resonance and And a embedded motor ...given motion ...a good decorative item (refer to several existing Pest quellers or alarms that are used ...say shoo away mosquito or flies i.e. repel the pests ...as exist in the market)

Wood carved toys (women folk lore) are popular in parts of Indian subcontinent ...most of these decorative stuff is popular for the natural ...gentle motion or sway ...when these toys are subject to air or breeze ...either wooden or synthetic form of the above stuff ...whose motion can be automated or mechanized with mechanical means (either battery powered or coil suspension as is the case in mechanical watch or clocks)

- 701) Employing magnetic pulse or radio frequency gauging ...in conjunction with a computing device with sufficient computing power and memory can be used to simulate a superior quality Radio ...or improved transmission and reception quality in Television sets

i.e. a kind of ANSI , ASCII or other kind of char set kind of standard could be established

hence the quantum of data (say comparable to no of bits required to represent a quantifiable data) ...should or ideally or potentially can be reduced , hence improving the quality of communications (for instance Short Wave and Long wave frequencies based communications can be improved ...while ideally the nature or quality of communication in such medium should attributed to weather or atmospheric stability)

The concept also comes in handy to represent what may be or can be termed as digital or Even to an extent analog encryption ...decrypt-able by end to end devices ...with the option of a benchmarking standard ...or a open architecture based on which several or concept that can be commercialized throwing it open to MASSES ...for economies that run commodity markets

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- 702) Making use of a sensor or other means (kind of a readable or measurable or settable column ... on which the volume can be set) i.e. the ability to control the volume of water in a bath tub by presetting the measurable volume on a column (within the bath tub or a easily accessible interface from the bath tub ...with reference to a measurable column ...one may refer to a barometer or a weighing machine that makes of a spring based suspension)

Note: Contrary to filling up of the water from a tap or a pipe kind of interface into a bath tub ...water being filled into the bath tub ...from the following manner would be a innovative option ...for more information refer to the way water is filled or flushed into the tubs used for lavatory purposes

- 703) Taking a queue or deriving from ...the kind of interface that determines the font size and a cursor , mouse pointer ...which is a virtual magnifying glass ...that can be used by the visually impaired or those with what is defined or termed a Eye Sight , the magnifying glass as such could be a additional component kind of a shared library ..or a interface offered by the OS ...so that all the software can make use of the component ...or the component to be bundled with the software's accessible through a flexible interface ...say activate-able from a tool bar.

The magnifying glass(may not necessarily be kind of scientific lens) (refer to the manner in which layers operate in the context dhtml) , is a interface when activated as per the choosen option Hoover's on the cursor or the mouse pointer ,

An ideal option would be a instance of the component that can be configure to be as mouse pointer, cursor (keyboard) (the current ...relevant position in the context of document editors , graphics editors)

Also the ability to configure ... the color of the cursor(keyboard), color of the mouse pointer , size of the cursor , mouse pointer ...when used in normal mode

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While this may seem absurd, given various factors of supportability by underlying hardware ...a optimized option or window ...that gives or presents the underlying document or image being edited ...with out loosing the document i.e. text alignment or image formatting into effect when the resolution is incremented or decremented ...i.e. ability to edit or kind of DTP or Image manipulation at a higher resolution kind of performing the work under a magnifying glass or when a individual is wearing spectacles (short ...long sight) ...ability to save the document at a specific font resolution while keeping the document and its text alignment ...still keeping the document editable...while some forms of such Document editing and manipulation software's may be available ... the limitation being once created these documents are not editable ...to be more specific ..their content type may be or can be classified as image type

While the above and current scenario ...deals with editable text ...and the flexibility of editing such documents ...and document type is classified as text editors

While classification of such content is irrelevant ...it is all about nature of the document ...underlying Software used for purpose ...the document and its compliance to benchmark standard ...treating it as a editable document (text...context)

For instance image editing software's ...can be used text manipulation ...while keeping few attributes of the document ...and its edit-ability option open ...the conformance of such documents can be open to open standards or proprietary

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- 704) Image focus pointer on lens of (embedded with devices cam, digital camera's , cam coders, CCTV's) used for shooting [a video shoot or] still images ...a displayable pointer ...a user interface for focus on lens of such devices (for instance one may refer to a pencil tool in image editing software's or a cursor in a text editing context) ...that is locking or ability to pinpoint the context of focus

Image tracking for GIS or CCTV monitoring systems

It should be noted that such a pointer ...should enable tracking a specific image pattern ...while Implementing automated surveillance ...under CCTV systems...or a CCTV camera mounted on a Suitable interface to track as specific object ...for more information ...refer else where as described in the document

For more information on image or pattern tracking ...refer to a new tool or option that lets picking up few attributes or pattern selection ...like color picker ...and magic wand ...also termed as `W`

Note : The Word Magic wand does not ...indicate any specific preference for a Brand ...rather is Referred here for illustration only ...one may refer to standards or forum that usually specifies Or implement's standards for IMAGE editing software's

On a additional note it is to be noted that when implementing CCTV security surveillance for monitoring activity ...say banks etc ...a couple of camera's ought to be allocated for flexibility to track or trace individuals or activities

- 705) Explore the utility of IR (Infra red ...some terming it a thermal energy ...heat in measurable quantum's) ...for ignition purposes , defrost mechanisms(refrigerators , deep freezers), in some climatic regions that may have ignition trouble to engines (usually vehicles ...ideally house such units ...engines ...in specific chambers ...that can defrost or make them fit for ignition) ...use the IR or thermal energy ...substitution in lieu of a dimmer or dipper ...for communication purposes with vehicles ahead ...since as device thermal energy being measurable ...a code of conduct or a benchmark standard may be established ...while it may be noted that the quantum and quantity has to be varied and may not work at all based on climatic or environment of the geo-graphical

region ...the same that applies to radio frequency ...thinner the atmosphere or colder the climate

706) shoes that can be encumbered with sensor in sole ...with a suspension coil ...from which little amount of energy can be generated (refer to dynamo or other toys or key chains ...that glow when in motion)...the so produced energy can be used powered led based lamp or bulbs , as also ...emit pre-programmed music (tone ...pulse or beat)

can be used for kids stuff ...similarly ...in sports etc ...as described elsewhere in document may come in handy to track specific player (few attributes ...say a yellow or red card issuee)

A whistle (does not take into account the attribute of pitch) with custom beat or tone or rhythm ...that can churned from a music composer

shoes for kids ...that come with air filled bags in the sole ...with a whistle that produce tiny noise or music, these whistle's can be customized to produce custom sound or noise or music(refer to the various compose-able tones offered in a music composer) ...hence offering a variety ...retail-able in the market .

..it is to be noted this does-not take into account inclusion or use of any sensor , and depends solely on a musical instrument viz. a whistle , mouth organ, several other classical or traditional instruments that do exist in market place which are dependent on blowing of air ...minor components from these kind of instruments may be utilized to develop or derive the above objective

707) kind of led DC based serial lamps ...converse of them powered by AC ...used usually on switchboards ...or power junctions ...to indicate location of switch board or power circuits to power devices in living office environments ...to indicate their location usually in Night or darkness ...can be retailed in colored shells (these are usually less than zero candles)

708) For customer oriented services like relationship-banking ...correspondence over email (ideally allowable over secure communications) ...to customer care or concerned individual ...say for instance in Banking, Investment Managers, Modeling agencies etc ...establishing a parse-able ...regular expression format ...so they are forwarded to concerned or appropriate authority ...ideally such norms or format can be implemented in subject matter ...for instance ...the procmail daemon can be customized to implement such rules

709) Poly-coated strips ...of magnetic tape on instruments of paper ...could be legal paper, bankers cheques , Bonds ,Hundi paper, stock market instruments ...stock, debentures, preferential shares ...other financial or legal instruments, Digitized form of office work...while keeping the paper work in tact (refer else where in the document ...combining paperless office with manual records ..gives flexibility and comfort ,ease ...harness quick processing power of computers ...while leaving physical record of the activity in tact)

Ideally making these magnetic Strip of tape ...write only

Special devices ...derivable out of a magnetic tape recorder ...combined with computing devices, Ideally a add-on device to computers

Illustration: Most cheques a strip of magnetic strip ...with information consisting about instruments unique no, branch's code, bank code ...etc

In addition to above ...adding or applying a strip of magnetic tape ...enable recording or tracing of activity on instruments in digital mode on these magnetic strips

Presenting of a cheque to bank, endorsements ...etc

The above can also be used on envelopes , travel tickets, coupons with denomination (to track the usage of coupons ...for instance shopping arena ...while it may be noted that such coupons... may let prevail illicit and un-authorized trade ...for instance ...there restaurants that accept coupons in lieu of money ...that can translate into unauthorized and un-accountable trade within communities ...while these can be potentially be bought against cash or money)

710) Based on the various interfaces available for measuring performance attributes of processes and disk attributes ...a GUI and non GUI ...interfaces for measuring the performance attributes

of a MIRROR (taking into account all the set of daemons , process comprising of a mirror), Cluster (taking into account all the set of daemons , process comprising of a mirror from the Context of cluster and load balancing) ...for more information refer to various operating systems that provide such interfaces (disk tuning and performance attributes for instance unix ... vmstat , memstat ...reference only for context)

- 711) For image editing and manipulation software's ...a innovative eraser ...that can spray ...on to bits or pixels i.e. erase bits or pixels ...based much like a `airbrush` or `can` or paintbrush or similar tools available in several image editing or manipulation software's ...the concept as illustrated or as described above may also be applied to make parts of the image what may be termed as transparent (kind of cropping of image)

Similarly the pencil tool on the above lines to erase pattern of bits rather than to draw a color

i.e. Eraser as a concept ...make various tools with flexibility of drawing available in respective image editing or manipulation software's ...to exploit the concept to give precision .

Note: The tools referred or products referred ...the idea or notion is not to infringe upon the realm Of respective software products ...rather ...make the above scenario or concept available via open standards guiding or guarding or Benchmarking image Manipulation software's

Innovative Image Format:

Ideal modes of representing a image ...

One of the ideal Image formats

...being a dot-matrix ...based matrix ...say a kind of

map requiring with each bit or pixel on the image

...the representation of a color code ...hence encoding

information for every pixel or bit on the image

...with the size of the image

being proportionate to the way the information of the pixels or bits in the Image are encoded

The background color on most images(as described above being a carpet of pixels) can be stored as a pixel with encoded color attributes ...the color to be drawn converse of the main image

The image can be stored as a pattern or sequence of pixels or bits traceable over a algorithm ...where ever possible

With more the number of pixels requiring their address or location on the carpet requiring their address and color attributes, also precision and classification the more the no of colors to store larger the size

...with the attributes(address and color code of pixel) of the above to be hard coded

...the more the number of pixels the larger the size of the image.

Opportunity : Auto generation of algorithms for every pixel with similar or the same attribute of color code tracing on the carpet consisting of the image

- a) i.e. a dynamic generation of an algorithm ...that maps or addresses the pixel's of similar attributes in an effective way

For instance

PERL ...Hash ...offers a good opportunity to encode such an image data ...for instance a pixel color code as an attribute or key, ...all the addresses of pixels as an anonymous array to the key

The Hash can be designed to consist of additional attributes or keys ...to arrive at a complete encoding of the image viz. size of the dot-matrix or carpet ...etc

(Ideally say code generated or dump into a text file using Perl DATA::Dumper)

- b) drawing of pixels ...using a map or databases of addresses

i.e. pockets of similar pixels as database parse able using PERL or AWK regular expressions

Stored as a matrix of rows and columns

With first column representing nature of the data ...keys
Rest of the columns representing values to keys (an alternative to storing information as a PERL ...Hash)

Ideally say code generated using Perl DATA::Dumper ...that can be used by an image viewer to draw the image.

- 712) While designing interfaces ...or benchmarking standards for accessibility of several interfaces or tools or means provided by a software product

While mouse and click-able or choose-able menu being most popular concept ...certain times Accessing or performing of certain routines or methods or interfaces via. keyboard what may be termed as short-cuts or key combinations would be a more viable idea or more comfortable to the end user

For such instances ...designing Menu's , methods, routines based keyboard key combinations or short cuts as on mouse over tool tips ...say an activate-able help option

Makes software products not only easy to learn ...make them popular in the market.

Most document edit, 2D,3D animation and drawing software's ...including OS make a good choice for the above

- 713) The space on `Containers` ...used for shipment on cargo trucks, railroad transport ,can be used effectively for advertising space ...deriving from the way, hoarding space on bill boards is utilized ...with innovative 3 dimensional triangles or square shaped cubes based long hollow columns with variable number of sides that synchronize on a motor ...giving the ability to display multiple viz. 3...4..5 ...banners painted the faces of the columns used on the hoarding (one may refer to design that appeared in the market ...based on innovation or how to effectively use hoarding space...a interview of SPACE marketing, adding value to or enhancing the value of the organization ...with reference to a commission based opening with PRAKASH ARTS, HIMAYATH NAGAR , Hyderabad

Storing fresh vegetables, green leafy vegetables ...in enclosures or compartments ...modeled on the lines of an Air cooler (varying the water or humidity in the air blown appropriately) ...also some designing transportation containers based on the above lines ...may be a viable idea

Innovative hoarding using printed polymer sheet that can be mounted on to billboards ...using or the manner in which paper is fed in printers to desktop computers using roller or drum ...thus avoiding the hurdle present in painting or mounting the banners on most hoardings

714) A Deep freezer based transportation containers for perishable goods ...that ideally does-not consume power i.e. does not require a compressor ...hence no power requirement ...no power over load on vehicle engine or generator required ...makes use of liquid nitrogen filled channels or CFC's that do not required being pumped ...concept or mechanisms as used in puncture proof tyre's can be utilized for the purpose

Refrigeration domestic ...viz. house hold purposes ...may also be explored

715) Innovative means of designing secure execution or loading of files (shared libraries (ability to load multiple instances), OS startup or loadable) ...those that check for presence of a lock on the file (self who owns the lock on the file) ...part of the code for validation is present within the executable file on which the lock is to be created ...the ownership or source from which request for execution of code is incoming (for high security execution modules ...PGP or windows digest kind of exchange and verification of tokens can be performed ...it is to be noted ...verification of execution of such code is performed in the context of the requesting process while ...such code for verification is present in a shared or sharable library ...for implementation or developing such algorithms one may refer to 243)244)245) as described above.

(The above can be applied to BIOS ... boot-up ...and backup...utilities for...computers and disk drives)

The above gives the ability to publish ...the available interfaces or routines in a shared libraries and their functionality ...ability to sell or retail code components

While such execution is allowable or under the presence of exchangeable signature verification from a public repository ...say PGP (which in turn this author proclaims to be derived from this past work executed at adesta.com , with enough evidence ...or for information and advance algorithms of creating such repositories ...refer as described above.

while the client code (software invoking the routines from shared libraries)

The concept of dynamic execution of the code ...kind of eval clause in PERL context , substitution variables ...for doing or performing such a protocol of token verification,

Substitution variables can be comparable or more or less same as regular expressions and substitution or kind of variables with scope extern in the context of a low level languages as 'C'

The same can be illustrated as part of illustrative examples ...retailed with the libraries

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Much on the lines of how some software products make use or create a licensing server, for product activations and execution of software every time the instance is invoke, and on lines how sum software's make use of product-id or serial number or network (Mac address) software installations including operating systems can be made to be bound to a host computer ...with various parameters or attributes drawn from identities of Hardware attached to computer.

using ...a schema ...derivable from above ...number of computers or clients behind a router can be controlled ...i.e. routable traffic (this includes NAT ...hence bandwidth allocated for 'N' computers ...can be controlled or no longer be exploited i.e. more no of computers than the granted 'NO's ...also refer elsewhere as described ...about network drivers) i.e. a innovative means of regulating number of hosts in a subnet ...or ...ensure or regulate unsuspecting or unauthorized hosts and their utilization of resources

Should also come in handy ... for creation of special services ...say create dynamic ISDN kind of services that allocate bandwidth ...kind of soft ...creation of ISDN kind of facility on a pre...laid created or available bandwidth (kind of synchronize ...clause in the context of threads ...which thread gets to move first)

handy specifically for TCP /IP kind of sessions ...and also ...initiating a secure channel involving all the routers from end to end (socket ...from the concept or view of programming) ...for very high secure network communication ...in such a case ...a list of all the routers or in-between participating ...network routers ...in a involved session of communication data ...a kind of service which allocate prior bandwidth for such a session can be created ...in addition to what are termed

as secure channels (https ...encryption algorithms) ...a list of all routers participating can be obtained before performing or initiating ...kind international high value monetary transactions ...banking kind procedures

...it is to be noted that ...encryption ...use of certificate ...etc usage ...at service level or network driver level ...on a stack or layer of software's (while this is the case or scenario ...ids or intrusion ...loop holes that may exist or scope for potential ...allowable by a Driver socketed to the NIC ...which includes sessions with a daemon etc ...while DOS ...as subject matter is ...scope for potential suspension of rejected ...incoming ...recurrent requests ...authentication ...and authorization kind of session management (w-eb servers) at ISP ...routing software's ...scope for range of Network products ... a automatic ...suspension or crack down of a DOS attack ...that can result or trigger the driver ...issue a ack to the router(which should ideally drop all further such incoming requests...ideally trigger a chain) upon detection ...such a rejection by driver ideally using token or a certificate

As such ...tcp/ip being a stack of layers ...such a event or ack ...that can be triggered using a top down or bottom up approach ...and also explore the scope a certificate with dynamic generation of tokens that can be optionally be socketed in stack of layer's to usable or accessible by Network driver and all application layers above the stack (applications ...with network driver being at bottom of application)

...with request for communication ...for dropping of such in coming requests can be triggered upon request by any application software ...top down or bottom up ...depending on the nature of event, hence such a request ...that can be placed in place by a end-user or triggered by software ...nature and scope left ...quality approach or use case scenario's

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...establishment or nature of secure communication channel ...varies ...for any or all practical purpose ...the security or means of a ISDN channel ...is a secure as ...what may be termed as Trust ...say ...tapping of a phone line.

innovative ...or creation of certificates used for communication channels , encryption algorithms can be made to be bound to a embedded or underlying Mac address of a Network Card, productId's of Host machines ...that can be used as part of attributes that identify a Certificate ...apart from encryption algorithm ...security strength used ...ideally above ...parameters could or can be included as part of a encrypted XML DTD or (http get or post ...translating into low level tcp / ip ...it is to be noted that as such Mac ...address is exchanged in normal protocol exchange ...the said certificate can query able option based on the nature of communication) ...a innovative certificate ...that consists of inclusion of a open or public key ...exchange of certificate for a handshake, protocol for a network communication session (these ...exchange certificates can be stored ...at the intermediate , end to end communication NIC ...participating hosts ...for tracing of such transactions

usages : stock trading ...banking ...all most all electronic services can come under the purview.

Note: a) Given the fact that ISDN is all about bandwidth ...the above also includes the scope for simulating a BUS ...for attaining higher bandwidth (at a appropriate juncture ...viz. router ...or a device that takes care of it)

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Scope for innovative devices ...layout of physical cable...like in ISDN ...achieve superior bandwidth, for instance making using of fiber optic or copper cable ...with sufficient number of gauged wire (say one may also refer to copper based electric cabling) ...that can be used to simulate a BUS ...

Multiple's of such no's ability to transmit multiple's of a Byte of information ...refer to computing models and architectures ...as marketed and prevalent in the market today

Given such a standard layout or structured cabling between nodal points ...scope for soft bandwidth allocation and processing or computing speeds between distributed computing or network computing

Refer else where as described in the document that illustrates more above scope and potential exploiting what are usually termed as PSTN lines (public listed companies off course!!) ...also the current Availability of devices and concepts that make use of multiple modems (standard telephone line) to achieve bandwidth for internet

...given the manner in which ISDN lines are laid to allocate bandwidth ...and well connected or networked layout of Telephone exchanges ...ability to simulate a BUS..from multiple PSTN lines ...that can be soft switched for achieving ISDN transmissions within or between exchanges using soft switching ...i.e. the ability or the flexibility of exploiting the available bandwidth ...as a single line or multiple lines for more

information refer elsewhere as described in the document (for instance a multiple standard telephone numbers or No's can be exploited for the above purpose ...scope for such facility in a automated manner using a interface through devices)

Apart from the above ...a device and a soft concept that makes use of multiples of standard PSTN lines (i.e. telephone numbers) a end device or a router or destination can decrypt or parse the data being transmitted ...benchmarking of a protocol ...resulting into both software products and also devices that can decipher or decrypt ...a simulated BUS (given the fact the way a PSTN lines work ...the scope and potential of such a protocol ...and hence software products or devices ...when compared with a ISDN as termed ...scope ...and essence of a protocol ...the necessity for a byte(*X) of information transmitted given the nature of arrangement)

Effort: ISDN ...IP-TELEPHONY ...PSTN LINES ...BANDWIDTH

Ideal way to retail is for the ISP to retail a set of IP-telephone ... NO's or package them with the Internet package subscribed by the user

Costs to End-user : Hardware i.e. telephone equipment for supporting IP-telephone
or Software based on the necessity!!

Companies or Individual's

Visiting Card : PSTN and IP-telephone numbers ...given the scenario
...which one's are active or which one's are dormant

Note: Given the nature of IP-telephony ...who administers ...such a service ...majority or most of the times ...the provider happens be one and the same!!

Parity a concept used in computing ...parlance ...for mirroring (notion) of data ...a computed algorithm to retrieve ...data in case of impairments to one of the disks involved in the mirror setup can be used for data-communication purposes over PSTN, ISDN ...and other dialup based means of communications means

It may also be noted that SCSI protocol can be used or applied by modifying or developing Modem kind of devices that can work in sync or tandem with SCSI compliant devices

716) A mirror at platter level ...for hard disk (implemented using a circuit ...that buffers of data on to multiple read write heads ...where the read write heads are anchored ...and multiple platters that spin ... on same needle or a jack ... kind of a Top (kind of sector to sector ...block to block duplication of the data) ...a suitable driver ...that works (...while the functionality of a mirror can be emulated on a disk drive with multiple platters ...resulting in varying of the capacity of a disk drive ...a potential configurable option at drive installation ...ability to address a platter or read write head ...for emulation ...scope for a tiny processor at disk drive ...which may not be palatable)

717) Based on the way ...equipment used for drilling bores (tube wells) ...innovative equipment ancillary equipment for tilling soil , plough soil as also ...for laying roads and highways can be developed viz. ideally pluggable to a tractor or a suitable vehicle

Also a hand held mechanized crowbar ...multiple's such can be ported a special ancillary attachable to a tractor or a suitable outfit i.e. vehicular form ... from which the ancillaries can draw source of power

718) exploiting IR based source's trigger-able over WMD events to heat up a car or home environment making them ready to use

A valve for tyre's ... that can release IR based heat ...keep air pressure in tact (trigger-able) using or over WMD ...also refer as described else where in the document for device's that can potentially measure the tyre pressure ...and communicate over a WMD ...should come in handy for those using liquid or gaseous ...given the fact that thermal heat gives precision ...in the quantum it can be released ...hence the ability to maintain pressure to a extent

create or simulate a microwave oven kind of a device or chamber...that makes use of IR or thermal energy and containers that conducting to heat

Experiment: A resistor (a single coil) that gets heated ...supply of current ...at a distance is a capsule made of heat conducting material ...filled with liquid nitrogen ...all of them enclosed in a insulated chamber (non conducting to heat) ...with a tiny aperture on the chamber in front of the capsule (filled with liquid nitrogen) ...with thermometer (mercury based) the normal used in day to day to measure the temperature one can usually find at home, place close to the aperture ...measure the temperature ...as the resistor gets heated ...varying (the flow of current ...either using DC (terminated) or AC (non terminating) ...where not possible to make use of a liquid nitrogen ...metallic shell or or metal piece made of aluminium shall also suffice

- 719) Based on the innovative ...non stick paper stickers (lite adhesive) used as indicators in books (reading) ... a cap to say index finger or a cap to pen or a suitable instrument that can be used for flipping pages, counting currency notes (more or less the same concept ...used in banks by cashiers ...to wet fingers for counting currency notes)

Based on the above kind of adhesive based polymer based sheets (non stick paper sticker) that can be used for covering (in lieu of Lenin or cloth) used atop desks (computer office), draws, places of dining) ...such a paper or adhesive coated film should ideally have the same kind of flexibility as lamination

The above kind of adhesive laced stickers (motivational, icons ...etc) and printable paper

- A innovative Pen or writing instrument (say kind of marker) ...that can be filled with liquid adhesive (gum) ...a novelty or convenience instrument for vending liquid adhesive or gum ...the tip or nib or bristle or brush of such instrument to be made of suitable material for the purpose (say dense sponge or suitable porous material as is the case in a pumic stone) ... (adhesive could be both white gum ...which is (less dense or thicker) or brown gum ... (dense or more thicker) ...kind of viscosity

- 720) A cartoon (Innovative packaging) for consumer electronic goods, pc peripherals ...etc ... packaging such that the goods inside the packing are transparent ...for instance on a mother board ...ability to view the internal components ...enabling the shoppers or customers have a peek or look at the components ...for instance a cardboard box ...which has one of its sides with a transparent or see through ...a poly film

- 721) Pesticide diffusion ...using aircraft on large tracts of farming ...etc

Instead of pesticide being diffused as gas or in powder form ...diffused as mist (with droplets of water) ...usually the solution resulting out of water and pesticide ...subjected to the process of mist creation ...dispersal of the same

- 722) -----

A Bank Account can pave way for what may be termed as relationship banking from the point of access to clients ...offering premium services ...when a customer opens a bank account ...all the required details of a customer or entity or captured ...

(one of which is an address ...on the top of which several ancillary services can be associated ...which require payment ...hence a bank account

services : telephone connection, travel tickets purchase, payment of bills etc)

Given that customers are a sharable repository ...the portion address of a customer can be made a query-able service ...since most ancillary services require proof of address or communication stuff etc ...a bank account should ideally suffice ...the ability to procure services

Additionally ...any change ...in the individual's status ...change of address ...a update in the bank account ...should ideally be updateable or automatically reflected in all the ancillary services procured through such a service i.e. a bank account

Address captured on a bank account should ideally can be classified into

- a) Present address b) dormant address c) permanent address ...ideally ability to track the activity of an individual on an entity ...for implementing such a tracking concept for a database field ... one may refer to the manner or mode a key or value for a field can be designed ideally a self-referential integrity ...where a field can possess multiple values (for instance

one may refer to the manner in which a navigation system for a website is implemented ...
underlying database relation for implementing such a system in place ..i.e. for a parent field
...the top most or max child value) for more information refer else where as described in
the document

Optionally or alternatively presuming that addresses are located in a separate table as specified
above viz. single table in which each entity or individual are allocated a unique-id all the
addresses of the individual are assigned as child-id to the parent-id ...a self referential table ...a
trigger may be implemented such that update in the Address table for a Parent-id triggers the
updated id i.e. topmost or latest query-able child value (address field) in a master table or a
table where the entities are located (a use case scenario ...with water fall approach may be tried
on what may be termed as a customer table or a employee table ...usually enclosed for illustration
purposes as a sample databases with schema relationships)

As described elsewhere in the document ...such a field may be designed ...taking into account
Extents allocation etc ...such that the pointer ...to the field is always to last updated value (say
Kind of values as returned by rollup, cube implemented by some versions of SQL) while all
or previous values held by the field are still query able.

A innovative indexing kind of mechanism ...implemented for every entry in the field for a column
in a table ...a kind of indexing or hashing ...ability to specific a the pointer to a struct ...this
should also come in handy for those implementing what may be termed as Object Oriented
Database Systems

(A proper design of a field type ...with sufficient space allocation ...as is the norm in a database)

The above would make a good option to be implemented as Message Queue's ...that can be
replicated on all other software product's (resulting services)...that make use of the Bank account
...as the base for all monetary transactions, services ...and if there are any services or transactions
that make utilize of a Bank account for Non-monetary transactions ...as a address Proof ...but
funny and oddly most still require payment ...at least token cash ...say procuring a driving license
for one's vehicle

723) A innovative design of a file-system that lets addressing space available using a address map
viz. a track no. , sector ...etc

...given the fact that there are few evincible limitations...with a disk based system while the seek
speed should or ideally be max

...scope for a innovative mediums that lets exploitation of such a file-system ...one may refer to
the concept or idea of a read write head that reads or writes along the radii of a disk ...rather
than conventional break of the medium into tracks, sectors ...for more information refer to
exploitable concepts as illustrated else where in this document

A optimized layout of a file-system ...hence ...under lying disk mediums ...that support read write
mechanisms with suitable read-write heads ...as in a grama-phone disk or player ...where the disk
is being put to optimized utilization ...for instance the seek call as implemented in a low level
language like `C` ...involving read and write of no. of bytes ...offset from the start of a file or EOF
a file ...hence such a layout portable to a disk medium ...hence ...also scope for mirrors and raid may
be derived using use-case and water fall model

The standard file system used for disks modeled on the lines ...Block-sector-Track can also be ported
to a file system that can be layed out on disk on which the tracks are on the lines of a grama-phone
disk ...by just taking in to account the size of a block (no of bytes) as standard

An optical disk can be optimized ...by writing along the radii of the disk ...by following a wave like
pattern ...instead of a absolute path on the radii(much like or similar to or on the lines of a grama-
phone disk's layout ...this should come in handy for database (where read write speeds are important)

A non rotatable medium

A innovative design of a file-system that lets addressing space available using a address map
viz. a track no. , sector ...etc

An optical disk can be optimized ...by writing along the radii of the disk ...with multiple read write heads located on all important tracks (radii) ...with block size being the no. of bytes that can be written on the radii ...with which read write head ...to function devised on the lines of a java thread synchronization

An optical disk can be optimized ...by writing along the radii of the disk

file system the standard one used for disks modeled on the lines ...Block-sector-Track , with tracks being concentric ...with decreasing number of blocks as the radii of the track decreases.

A read write head ...i.e. along the radius of the disk ..as long as the radius ...with one optical read write head ...on to each track i.e. one bit of information is on each individual track ...design of the disk ...and number of tracks ...ability to read a N x byte of information in a scoop by the read-write head (i.e. a byte of information is encoded on to radii of the disk on different sectors , track ...instead of the byte of the information being encoded along the sector it is encoded along the radii)...hence faster read writes ...with read write head comprising of as many optical sensors as there are `n` of tracks on the disk ...data is written onto the disk ...by populating the these sensors and writing a N x bytes of data a time (the sensor can be comprised of optical light sensor based read write heads or optical magnetic read write heads...as termed are currently available used widely in most compact disk players) ...where N is multiple of the byte ..i.e. no of tracks that can be encoded on to a optical , magnetic , photo-film based disks being a multiple of 8 tracks ... refer else where as described in the document (a brush ...magnetic read write headers on to the tracks) ...also populating of such sensor may or can be derived from the manner in which a dice, registers, memory in computing parlance

- 724) Innovative means of surveillance ...with tiny transmitters that can be mounted on to bugs ...bugs can be made to nest in a targets residence or office ...with a transmitter with sufficient boosting power located in a vicinity with in the range of the transmitter on the fly or bug.

With most poultry ...chicken ...etc ...coming from the farm ...whose diet is customized or tailored hence ...the nutrition content of the resulting egg's ...meat...

so is the case of the food grain ...farmed under green house or reared on outsourced manner or sourced from farmers

...with the food content that has larger portion or content of iron and other metals ...the thorax or the voice box can resonate ...the more ...with every individual or less carrying a mobile device (carrying custom embedded software ...) surveillance should be a cake walk

On a additional note with Sonar like utilities position suitably in the skies ...a transmitter mounted on to fly or Bug modified suitably ...the devices in the skies should be possible to deduce the strength pattern of a echo in some instances

Democracies not only thrive but ...give the best possible scope ...size creed, scope ...who controls whom, with money being a proportionate factor to power , lifestyle, existence of future (whose future)

- 725) Jumbo jet Aircraft viz. aircraft with sufficient pro-pellor power can also used for what may be termed as domestic travel for operating economies of scale (no. travelers and cost expenses) and also travel time ...under the scanner of a radar i.e. trajectory or path or destinations coming within the purview of a satellite ...with distances of 650Km(by road) ...translating to some 400+km by air traveled by a jumbo jet can be achieved in 15minutes , where as the same distance covered by smaller aircraft takes 55 minutes.

- 726) walkie talkie or handsets that make use of a adapter to draw source of power from the engine , dynamo or battery from vehicle a option in addition to the default battery usually shipped with WMD handsets

Make use of a option kind a switch or circuit or button enable source of power supply to such devices

- 727) Magnetic pulse ...radio frequency being ...relevant to polarization

Ideally taking a base station in to account several frequencies can be achieved that are relevant with reference to ICBM co-ordinates of the base station ...with factors dependent viz. visibility strength of the signal .i.e. of the communications tower and size of handset (antenna being one of the factors) having direct effect to the area within which communications can be achieved.

Taking into account a radio frequency used for communication purpose

A walkie talkie or WMD handset ...capabilities being proportional to size ...ability to boost a frequency and also the range within which it is audible ...

A basic handset ...can be used which can ideally route the call to a base station(within a vicinity) which can in-turn boost the signal and broadcast or rebroadcast it within frequency ideally termed with more visibility.

Hence ideally a single communications tower with sufficient height ...should suffice for all practical purposes backed by computing power ...call routing and other processing capabilities

A satellite suitably placed may lack the capacity to handle sufficient calls with reference to limitations from processing or computing power

Ideally some communication handsets ...which have operating capability i.e. radius or range of 150km – 200km (the frequency of it being ...relevant to its base location of unit)

...while the base unit should be able to handle both landline based or satellite based call's

The handset which operates on battery ...with a adapter ...should function or suffice as mobile handset to handle all calls or communication purposes ...WLL as defined or termed should fall into this category

Opportunity : Given the fact that base units anchored have ICBM co-ordinates ...nature of frequencies handled by a communication tower for call routing and call handling

A innovativenetwork layout ...contrary to default landline based units the specified units ...being specifically equipped to handle such range and feature

To illustrate the above more amply in the above schema ...a earth station (communication tower) functions much like a mobile handsets with reference to several other base stations ...hence all units used or anchored as stationary all of them happen to be a kind of base-stations ...the above is with reference to the

Number of calls or number of such client units that can be handled by a communication tower ...and also the fact ...routing or up-linking ...to a satellite network ...which in-turn can take care of another such schema as defined above viz. a terrestrial network woven around a communications tower

While ideally satellite to ground based i.e. earth-based base-stations with a antenna can be handled (kind Of DNS round robin scheduling of a available capacity at the satellites that can be rationed between various ground based station (the converse purpose of employing a dish antenna)...i.e. engage in a two way communications ...contrary to VSAT terminals ...while with the scope of transponder positioning(refer else where in the document ...dynamic ...ability to vary) ...i.e. instead of taking the icbm co-ordinates of a satellite ...to determining a frequency ...the co-ordinates of the ground based earth stations to arrive at a communicable frequency for the satellite transponders viz. one of the transponder communicates with a communication tower ...while another transponder engages with a ground based station or unit

alternatively ...most VSAT's (by default to be positioned to the icbm co-ordinates of a transponder) can be modified such that they in co-ordination with a communications tower (a transponder dedicated for such purposes) ...a DNS or the standard routing algorithms as can found in networking equipment (i.e. which ground based VSAT gets to engage in a communication session with a satellite transponder ...this completes the LOOP ...both uplink and downlink of data ...over radio frequency without the requirement for a physical connectivity or use of a cable

[

Also should the such base-units happen to be a computer ...DNS or WINS ...mechanisms implemented , which let recognizing other logged in units in a vicinity ...to engage in a session ...both with reference to implementation of LAN or WAN ...with myriad possibilities ...this does not require logging into any specific mobile network or using a dedicated frequency ...for more information one may also refer else where as described in the document

It may also be noted additionally that should a computer ...desktop ...PC come along with a communication card ...say that can function as a HAM radio ...as currently available or being potentially Marketed ...the scope and dynamics of the above scenario change entirely ...the above schema is a subset Of using a Ham radio (whose vicinity ,frequency are subject to same limitations of a radio frequency)

]

Hence the above scenario illustrates the scope for a Wifi kind a setup using a satellites in combination Of communications tower ...with the possibilities of a satellite transponder a individual participant as in a wi-fi client to engage in direct communication session in co-ordination (allocation of time) of a communications tower (to which one transponder is dedicated for communication) ...and also scope for devising a schema for incrementing the no. of transponders as described above to dedicate a transponder one each to a client (say a wi-fi participant)

Innovative layout of a wifi : As in the case of how VSAT's work in co-ordination with a satellite transponder ...a wifi stations(a sporting arena or public park ...as illustrated) else where in the document ...i.e. all requests from the wi-fi clients are pooled in by a tower ...the requested data is broadcasted back to the clients (all of them having gigabit Ethernet ...supporting NIC's)

A satellite transponder that can track a mobile client (a train or a aircraft) ...as a super premium service Refer as described elsewhere in the document ...it may also be noted given the SID of a WMD ...such services as internet or telephony on a moving target (a train or a aircraft) should be possible (given taking into account either communications in a dedicated frequency or ICBM coordinates of such a WMD device)

Much like a push services ...in frequency ...a web-server that cache's the broadcasted data ...many a non Interactive web-services (should be possible) ...similarly ...a WMD with a dish or antenna that keeps positioning itself to a transponder ...dynamic servicing of content or requests should be possible

728) Given various components and services that are located in a OS ...some operating systems provide `HELP` while self explanatory ...help provides description, illustration and also an option to invoke the services or devices or components from such help

Ability to pickup ...path or location or `copy a shortcut` as a option from such help ...or create a access scope for utilities ...so that end-user can place them at easy and convenient location or make use of such a access path or short cut.

729)The idea and notion of CRR as defined for Bank's ...should Ideally translate into Equity Holders who manage or access peoples ...the element of risk and safety net to those parking their monies, assets to such institutions

730) A FM radio that serves 100% instrumental music ...ideal to listen while on travel or while driving a car ...to be served as a premium subscription based service (library to consist of both continental and also classical ... as served in the subcontinent (Bharath ...synonymously known as India)

731) On consumable commodities ...retailed by Brands ...manufacturing products such that the Logo's, emblems or trademarks as a Holograms ...

For instance ...the trademarks on footwear , clothing (T-shirt, trousers ...), travel goods ...gives a innovative design ...when embossed on Holograms ...water proofing or laminated holograms knitted to such articles makes a good approach.

Holograms can also be used as part of compact disk labeling or cover design (viz. a hologram sticker stuck on to the CD ...on which a CD cover can be done such that space for hologram does not intrude compact disk cover design or labeling on the CD i.e. CD cover or labeling design can be done such that space for a hologram sticker can be enclosed

with existing CD cover design or labeling process ...after doing the CD labeling or cover design ... a hologram sticker can be stuck to the CD ...which can then be CD labeled with a transparent layer or lamination on the label or cover design of the CD

The above process can also be tailored to cassette, book binding or book cover design based retail able stuff or commodities)

Note: Given the identity of brands Trademarks, Logo ...etc ...and Warranty , Guarantee on the products ... the above gives scope segregating original and duplicate (those violate copyright,

Trademark)

- 732) solid chocolate or wax can be potentially used for sealing jams , jelly's , cool drinks ...etc
- 733) Ability to play audio format CD's ...by using or accessing Tracks in sequence or by track.
- 734) A chewing gum or toffee ...with no sugar derivatives used ...given the fact that manner in which saliva ...functions ...the manner in which taste buds function ...a rich wrapping or packaging consisting of carbohydrates ... proteins that can be retailed in branded form
- 735) Floppy ...a computer or pc based utility that can hold data ...can be used for secure data transmissions ...usually the same kind of data security used in official corridors using paper based files or dockets ...that sent for official communication among various ...departments or branch's of a executive ...viz. the process most of them sealed in a appropriate container and sealed with wax (usually called lakka in some local dialects)

Note: The floppy diskette as a medium for storing data ...the standard protocol indicator for read write Operations on a floppy can be sealed used wax in the above manner (i.e. one of the corners of the diskette ...given the nuances and the scope of it being made a readable instrument and the tampering of the medium to make it write-able)

Compression utilities around in the market that compress software data ...for optimized storage ...

Apart from options like password or authentication for secure usage or safety ...encryption as an option ...for data parceled or packed in such files ...for secure data ...viz. prevent parsing or readability of such data by binary reading(or brute force) of such document ...viz. prevent decryption of the MIME of the data packed in such files ...hence scope for proprietary software products that provide scope for encryption (while this takes into account or scope for PGP ...encryption or scrambling makes it mandatory for the same software product or its version to de-parse or interpret such compressed data)

Software can also be designed i.e. such compression and decompression utilities ...viz. encryption can Optionally ...made to be bound to a host!! i.e. encryption is done based on few attributes of the host, which are required by software to de-crypt the data ...say making use of hosted, networked, or product id ...of various peripherals ...as means or key for such compression and decompression

...hence while the ideal notion is that such data is not de-crypt able or parse-able on any other host.

Scope for proprietary client software for electronic filing of data (tax-returns, patents ...several such services ...while the scope of such services being performed under the scanner of secure sockets or encryption & decryption on both end ...using web services is always possible)

A web based document Compression service ...with documents that are returned in a compressed format with a email based document submission or upload and retrieval as a web based url.

Also compression of data in POP3 or IMAP4 mailbox's ...specific email message can be tagged for Compression ...server-side storage ...with client-side interface for un-compression of such messages,

For effective storage space utilization in the virtual lun for web document hosting, email boxes etc

- 736) Baking soda ...(salt + glucose) or ORS (a medical formulation ...to fight de-hydration) ...the ingredients mixed in appropriate to form a mixture ... makes a good option to be retailed as a first aid to fight constipation ...heaviness of stomach (relive gaseous) ...OTC formulation

Note: The above ...formulation ought to be done in appropriate proportion ...while the formulation ideally relives constipation ...excessive intake can or should cause ...the subjects ...digestive track to be cleansed ...causing the subject ...to pass stool (...fights the root cause!!)

It should be noted that formulation would be 100% safe for consumption for a normally healthy individual ...while should be the same case for most patients ...it would be advisable for patients or those under going treatment for a ailment ...under doctors advice or prescription

Menthol (this not same as alcohol , spirit or its derivative) or mint (also termed pepper mint) in appropriate quantity ...for spicing the formulation

737) SIMULATION OF A DATABASE [...GUI ...and commercialization of algorithm]

...making use of mod_perl optional

A front-end script to simulate ...SQL ...Not necessarily Relational

WITH PERL or AWK REGULAR EXPRESSIONS,

PERL being with sufficient interface or manipulation
and also algorithms ... HASH's being the most preferred means,

Back-end storage of data

in

PLAIN TEXT FILES ...scope of using DATA::DUMPER

Note: Keeping aside normalization techniques...context of normalization and database concepts

All the standard practices normalization ...as screens for Data Capture and all the collected Data for a entity or unique record or `row in the context of a table` as a record or row using PERL DATA::DUMPER

...PERL offers ...the flexibility of storing all the related data of a entity ...as a single record with the HASH as a means ...with scope for RULE on keys or column level constraints

as a table

scope for storing and accessing these records ...in a sorted manner ...with a index for all the records and also size of the record to be stored before the record or a row ...make use of seek and OFFSET for efficient retrieval ...ideally that can be defined as a index(sorted) for the table ...records as a separate table ...with the table or file containing the records as plain text manipulate-able record or can ideally defined as a hash in a PERL context using Data :: Dumper `being the key` for such a database

scope for file or disk handling functions in PERL or `C` ...given that size of a record be determined at table definition

For more information refer elsewhere as described in the document

[Refer to XML-DTD based notions of GUI and data manipulation ...as illustrated else where viz. ability to attach a XML-DTD-CSS ...template ...and a data-validation template ...a effective ...single point GUI-validation-storage ...interface]

Perl offers DBI as interface ...on to which suitable interface can be build for the above

In the above context ...most or majority of the times ...fixed length records can be anticipated (given data-modeling as explained above ...in scenario's or contexts) ...storing the data as compressed and also encrypted or a binary data ...the process of de-parsing the data at the point of request or use as the case may be

738) Repositories of data (for information or illustration ...one may refer to what may be termed as CVS or other code checking repositories for software development) ...on the lines of the above

...some repositories like Banking data , data on public (profile of individuals , election database , email hosts ...data of the mail box's ...being encrypted) , database or repository of all individuals holding a driving license or owning vehicle ...generalized data in databases (say the scope of a key ...for the data of every entity) ...here databases means could be relational or LDAP,

The idea is to prevent access to data to all and sundry who can have access to a database or repository hosting a data .

Thus ability to parse or read such data ...being of importance or giving privacy and ownership to such Data.

Hence a ATM card, smart card ...such other identity card or certificate holding the key (viz. could well be as in the case of ...for illustration PGP ...or Certificate based data encryption ...decryption and access to data)

Much like delegation of authority in a management context ...the above determine's who and to what Extent data can be accessed ...given the scope of automation ...ideally ...except the owner of the data No-body should be able to access such the data

Note: as in 737) or ..other relational , LDAP databases ...can be designed such that the data of all Entities host a key corresponding to their data ...based on a signature or protocol or matching Of identity ...access to such data can be possible

739) Open Source based software ...where source code is available in open ...can be made such that the repository to code base can be downloadable only upon payment ...or license fee to access such repositories

740) In conjunction with Network computing, Internet or wireless LAN based access of Data

...viz. the concept of retailing data using Lun's ...etc

The scope for virtual scalable storage array's ...say kind of high end array ...or modified RAID controllers where Hard-Disk's can be organized in kind of organized manner or array ...to be made i.e. space or data on Hard-Disk accessible over TCP /IP or SAN or Wireless WAN as termed.

Thus any one needing to have their data access ...can buy space with companies ...but placing one's Hard-disk's ...in their ... array's ...one may term the above also as a scalable computing.

Ability to bind or access the data on such hard-disk's to devices of choice they use ...based on scope And availability , purchasing power (a shared or dedicated radio frequency) ...this kind of much like dedicated web hosting ...paying for network bandwidth (given the fact that no processing power exists at the hard-disk ...scope for operating system, applications all lie on the end-user ...computing device) ... iscsi ...gigabit-Ethernet ...!!

Also ability to connect or network home or desktop computer (work) ...with the CAE or GIS system in the car or the personal carriable laptop or WMD based PDA ...over radio frequency ...radius within which such ...such connectivity being possible being dependent on various parameters ...ability to create what may be termed as a workgroup(IBM / Microsoft / Novell) ..in computing parlance ...employ ...CDMA or TDMA ...WLL standards

The above viz. 740) concept works much like the lockers (one lease) in a Bank.

For more information refer ...else where as described in the document.

741) For operating systems and other repositories of storage

Search option to retrieve content or data(files) ...with search option including all the MIME type's Supported by the Operating System ..or MIME types present in the repository

742) Retail Kits radio-frequency opera-table capable PC ...to operate a radio service within a specific radius ...viz. say ability to broadcast in range 100km-200km

Retail Kits radio-frequency opera-table capable PC ...to operate a radio service within a specific radius ...viz. say ability to broadcast in range 100km-200km ...ability broadcast data in various formats ...which includes music ...with data format supported to be dependent on the software or player supported on the client WMD ...PDA ...or MOBILE device

743) wool subjected to shredding ...a very fine knitting yarn derived from it ...should let develop super fine fabric ...hence ...derivable various kinds garments ...[ideal for winter wear]

744) compilers (viz. programming languages c, c++ ...as such all languages the include memory allocation as a concept) ...that include [potential] memory leak checking before a binary is created, i.e. all compilers that include or validate checking for memory allocated from heap ...hence to be relived or released before the program being terminated .

Given or from the context of a operating system ...several 3rd party software's that execute or run, dangling pointers ...scope of memory leak as explainable above and also scope of intrusion or a program ...attaching to a process or shadowing a process ...making use of such memory ...potential scope for garbage collector or memory cleanup for virtual memory ...for more illustration refer as described elsewhere in the document ...for implementing such a thread at kernel level

i.e. same as what may be termed as memory leak or heap or space in physical , swap or virtual memory

Note: Scope for a virus that gobbles up ...swap or virtual memory ...refer as described elsewhere in the document ...potential ...activex downloadable's, scripts that can execute in client computer ...the context of a internet (swap) ...and also swap for operating system ...as also ...OS threads servicing in the context of a desktop computer and internet enabled computer

Given the context and definition of web-server and Operating System ...with all of them dealing with content handling or MIME handlers ...given that a Web-Server is a sub-set of a operating system ...it can be compared with context of execution of such requests (external ...called XML-RPC ...or DCOM ...as may be termed respectively) ...such data requests should or could ideally be or potentially immunized or comparable to the context of in-process execution or out of Process of execution ...i.e. with reference to memory address -space access (a executable ... shared library) ... one may also refer to 745) and also as illustrated or described else where in the document ...i.e. the scope and context of a Web-Server can be obfuscated ...by making use of XML-RPC-DTD ...for servicing remote requests by a Operating System

745) Inode being the descriptive data structure of a file ...custom file systems can be designed such that ...for instance access to code or driver or other secure files can be restricted (which or while that itself is a kind of protocol) ...inode potentially include a pointer to a security descriptor or file i.e. another inode ...that lists all the files that have access permissions on the file (the fact that this security descriptor or file itself being another file can exist or grow on the file-system as any other file),

The files (or the program that verify permissions on requesting module) that are given access or permission ...containing the offset in such file (security descriptor) ...that consists of the Data-Structure that specifies the various permission

Given that such organization of security is a matter of continence and matter of comfort ...such pointer or link to a security descriptor i.e. another inode could also be self descriptor

viz. which determines various attributes to which the file subscribes (say kind of groups and classification ...that may be created from time to time ...or added for convenience and organization of the resources on a system)

For more information one may refer to 715) , 738), [735]...and also concept and ideas as described else where in the document

[Also given the fact that programs i.e. executables or processes or binaries can have open descriptors some program or binary can have or declare the number of such descriptors ...utilized by them at run-time i.e. such data written into a security descriptor or a data-structure ...should enable a OS thread or a suitable thread say ideally part of a process scheduler to keep track or monitor such activity both with reference to shadowing of processes, to prevent a external program ...super -imposing or writing over to a native binary (nature of a virus) ...this what may or can be termed as security auditing incorporate-able as part Operating System]

746) OTC drugs can be retailed through mall or supermarkets

Also acupuncture therapists , general physicians should find good opportunity at such venues

747) Given the scope of web-hosting and viability ...premium services ...some of which require privacy or

secure data transmissions ...premium browsing of websites could be made available on HTTPS based services (should also score with reference to band-width allocation) ...a potential scope for such service ...share trading,

- 748) Banks (strong room), other security ...and data concerns or services ...which are usually sealed for safety routinely ...usually under the scanner of fire and other alarm services

Most of the sealing is done using special wax ...usually termed lakka ... in some local dialects

Instead or in lieu of sealing with such a wax ...a inflammatory material usually used in fireworks, and also in match stick (kind of those used for lighting cigarette) ...can be used for sealing purposes as well (after filling with such a chemical preparation ...liquid wax out of candle (lakka ...may also be used) can be coated on such seals)

Note: Potential use ...bankruptcy cases ...insolvent companies ...etc

- 749) using multiple frequencies or transmitters ...in computer ...GUI data transmissions ...as is the case a television broadcasting can be done ...viz. using external PCI slot based card or onboard radio chipsets ...develop ...remote administration utilities on Operating Systems

- 750) Some operating systems ...provide interface of marking documents for deletion (a innovative approach of linking nodes in unix context) ...given the idea or concept ...size or space to such garbage bin can be allocated i.e. a reserve on disk space (much like the space allocated on virtual memory ...in most operating system or a disk quota in unix context) ...beyond which documents dumped in to such garbage bin can be automated to be deleted from the disk in FIFO or queue manner (...or content of specific MIME type ...when requiring to create or buffer or space on such garbage bins)

- 751) Molasses ...a byproduct of sugar manufacturing ...out of which spirit or alcohol is derived ...can be retailed as fire extinguisher in lieu or instead of the chemical foam as used as on date ...it can be packed under high-pressure in cylinder with a sprinkler to be diffused (kind of fog creation) from the kind of a compressor (carbon-dioxide or any other gas may be blend to achieve at the desired effect should the case require)

- 752) Much infrared operable toy's ...a kind of incubator or a small toy (4 wheeler in lieu of tri cycle) that can be manned over infra-red (alternatively magnetic pulse or radio frequency) ...a good option to fuel such toys would be to use alkaline batteries ...that can be charged using AC outlets

- 753) Some Document editors and operating systems that come with embedded language dictionaries and spell checkers.

When creating documents with document editors that have access to a language dictionary ... Make use or provide a option or interface from the document editor ...for auto generation of Key-words ...viz. translate into meta-tags ... viz. this should make the document accessible to Local search engine available on the host operating system and also when published on the web Or internet as a medium ...indexing or inclusion and also key-word generation for such documents is made easy

Note: While document necessarily need not be in XML-CSS-DTD compatible mode a ...DTD based meta-tag and key-word ...that is accessible over open standards may be generated that should make inclusion ...and generation of search index's easy.

- 754) Some operating systems (unix derivatives) provides utilities that tell the generic type of a file , and define standard location for binary executables (content handlers)

Concept

By including a XML-DTD based header for all types of files (including binary) ...for operating System (and other contexts ...internet and Web ...while the context of internet, web ought to taken with caution ...refer else where in the document) ...automatic registration or recording of content-type in the Operating system (also for operating systems like unix that provide standard location for content handlers) ...this lets automatic debarring of documents of certain type (OS level, router or IDS, web-server ...concept of products as defined), automatic invocation of a content-handler (exclusive handler for the content-type ...(given content-handler being a protocol

a standard ...for instance for image as a content-type ...as such standards being open ...Operating systems that adhere to protocol ... prevent interpretation or usage of a third-party executable for such execution or handling of the data ...Operating System ...class ...type (programming or programmer or developer or end-user versions being the norm) or OS handle the scenario appropriately ...a generic-content-handler or error-handler ...a lite-weight OS) , A digital certificate or signature ...with handler for such certificate or signature ...before data can be processed

The DTD-DATA header should ideally serve as kind of `env` viz. parameters guarding on how Subsequent content or data in the file may be handled

Note: Refer to 715) ...software signature or license verification for every instance and also content-type (for instance proprietary ...streaming media ...broadcasting using single Frequency ...while it requires suitable image-format...audio-format -and packing-scope Including -compression of data)

755)Some operating systems ...define execution of certain binaries ...from the context of a proprietary user accounts (applicable to unix as well) ...given the scope of shadowing or scope of intrusion all such proprietary activity by operating systems should ideally be denied or the owner or the user maintaining such as system should ideally able to define type of authentication

Note: Apart from usage or definition for scope of specifying a password ...usage and exploring the Idea of digital signatures ...which includes scope for algorithm definition (scope and feasibility depending on the user ...a system admin or maintainer should be able to define his own schema of authentication or validation ...scope for usage of proprietary scripting or including generic low-level language for operating-systems that provide means for compilation kernel) to usage of certificate (said definition of trust ...ability for a system admin or user account for service print or network ... to generate ...proprietary ...trust certificate ...viz. customized attributes ... that let a unique ...validation data ...refer to 243,244,245) ...given the scope of infra-red, wifi, radio-frequency ...smart-card, mobile-device, floppy...[pen + drives] ... or other storage mediums

754) ...as described may also be kept in mind

756) Electronic circuits ...viz. commercialization of the technology can be done ...by deriving the concept from screen printing (i.e. a mesh like cloth ...on which line or streams of circuit can be made kind of opaque (or non seep-able or comparable to the mucosis ...a process in the context of biology, ...for instance a thin sheet of polythene over mesh like cloth on to which the design is drawn with a heat or hot ...pin or needle to a kind of pen ...for instance refer to soldering as a concept ...say draw on a cloth with soldering wire (metal) that drips in liquid form) ...thus ...glass(fiber optics) sheet(bottom opaque ...refer kind of mirror ...ability to design directly ...or melting point of glass being comparatively low usable to laminate or draw circuit), aluminum, copper should be feasible for such circuit design

Also explore the converse of above process ...ability to imprint copper or aluminum circuit design on to ceramic or other non conducting material

From the manner in which fibre optics works ...innovative affordable circuit and harvesting of Solar energy ...with design on plain mirror (what may be termed as harvesting a pulsar) can Be fabricated using a plain Mirror (usually used in day to day life) , effective design to make best Use of the space available ...hence cost effective and viable solar panel development may be developed

Explore the following

Deriving the manner in which dot-matrix based plasma screen is fabricated or packageda highly Effective or a solar panel that makes maximum use of solar energy can be developed

Mirror cubes that are modelled on the lines of a CRT of television ...which converges at the projector ... the design can be exploited as a solar panel with the hallow cube converging into a Fibre optic cable that channels the pulsars

757) Make use of a stack of processors (cheap processors ...organized much like the manner of parallel mode in a DC batteries) ...all of them using ...a single disk (storage medium) ...with each of the processors for temporary or ram storage of data (loading of instructions in RAM) ...viz. no. of threads of execution context (re-defining the context of threads as defined,

viz. pre-emptive –non preemptive ...a master processor dedicated to execution of OS kernel ...non Pre-emptive thread ...rest of the processors having access to thread viz. streams of code execution based on file-lock-handle ...i.e. kernel monitoring the rest of the threads of execution

viz. with each processor and associated memory forming a thread ...access to disk, processes in queue ...and nuances viz. protocol among the various processors in contention for execution of instructions

(8 -` bit' processors and a byte as storage unit)

UNIX scheduler and kernel to be suitably modify ...taking into account 744), 745) ...context of execution of code ...viz. the concept of SMP

(The above leverages the fact that disk storage capacities having increased ...multi-platter ... refer as described else where in the document)

SMP kernel's and process table or data-structure can be modified such that one of the processors in SMP based systems host non-pre-emptive threads (also the processes or kernel modules can be immunized such that they do not share common memory (including virtual memory) with other services or applications hosted by such a system)

The above also takes into account ...fabrication of a master processor ...chip-set as marketed ...that takes in to account number of threads (with each thread having a processor and a byte of Information loadable into RAM) ...with a OS kernel allocated with sufficient number of threads that are non-pre-emptive) ...this converse to fact and other platforms existing in the market that leverage on number of instruction available for execution

[
using multiple hard-disks (one may refer to the dedicated OS disks ...as used in some volume managers ...clusters with shared disk access or disk locks) ..i.e. ensuring that some kernel modules are loadable from separate hard-disk ...may require modifications at mother-board and chip fabrication
]

Refer as described else where in the document ...

For instance most compact disk players are equipped to handle audio formats (process) ...hence all Instructions that can be handled should or can ideally be handled by the processor in the compact disk,

Similarly as described else where in the document ... all the Graphics related processing of instructions Can be handled in Visual Display unit)

Parallel SMP ...based processing ...helps for QOS ...or Benchmarking of quality ...precision monitoring or ...for systems requiring high end ...precision for computing needs

758) Exploit the focal length mechanism as implemented in zoom of camera ...instead of a lens placing a cathode ray tube ...hence creating a portable means of projecting a picture (may come in handy for high technology gadgets like camera , television, projectors in conferencing , cinemascope ...etc (The above also provides scope for automated means of using projection)

759) A course in micro – electronics ...with advent of consumer based mass economies in most economies (covering fabrication of circuits , robotic electronic spare parts)

760) some electronic products feature a push button or pop-up button ...to break a circuit (counter load) or as a indicator in circuit ...enable disable a feature or functionality of a product

Deriving from above scope for a innovative capacitor ...usable in micro-electronic products and large scale industrial products

761) Scope for innovative audio format more compact than MP3 , video (high compression ...refer to 242,243,244) 245) ...given the scope of material ...digitally signed files ...which once downloaded can only be used by the various utilities of the author (for instance into a mobile device , compact

disk, or tape based mediumswhile all these require common signature ...arrest piracy)

Refer to 715) ...while the above details about audio, video based documents ...the context or scope
Can also be extended to text based documents (text formatting)

- 762) sunni oondallu a delicacy consumed in parts of Indian subcontinent can be better marketed by packaging them as baked biscuits

Sell flavored masala papad (derivative of dough ...from green gram and black gram)

Ippattu ...a delicacy ...snacks and cracker ...offers good opportunity to be retailed via super stores or markets

....also explore the idea or viability of the above ...to be retailed in a biscuit form ...one may explore ...using pepper as an alternative in lieu of chillie's

- 763) Personal appliance ...for personal health care ...hair removers ..shavers ...dryers...etc to be developed or derived to make use of Direct Current ...thus making them safe to use (12v max ...scalable by few more volts should it be necessary)

- 764) Computer chassis or encasements of peripherals or components that comprise a computer (server, personal, desktop) ...that be made completely out of fibre or particle board derivative(echo friendly) ...which includes internal rack or structures to host such components or peripherals

- 765) Innovative ...DNS for hosts (with icbm and with optional additional structures like disk or antenna where the case may be for better transmissions) ...resulting in the hosts with icbm co-ordinates viz. icbm co-ordinates to function kind of mx records in parlance to DNSresulting in scope for innovative radio packet switching (scope for WAN)refer else where in the document

- 766) Explore the idea of using magnetic pulse (IR ...quantities ...measurable quantities) ...i.e. the ability to store on storage mediums ...hence computing models that are base10 or above ...these magnetic pulses being correspondingly be translated into a variable voltages for processing (DC ... one may refer to general purpose calculators)

For more information one may refer to the earlier popular formats of audio , video formats that make use of a magnetic tape (magnetic tape-readers ...that can be suited for above purpose)

- 767) A Treasury and Forex Management module for ERP's catering to Banking, Financial monitoring agencies , commercial corporations , Forex traders or merchants.

- 768) A client side cursor (database context) ...optionally a brows-able control (kind of sql query display) ...for debugging purposestable views or dynamic query ...both for ecommerce applications (shopping cart viewer), 3-tier applications .

Note: Scope for a client side shopping cart control ...and hence a open standard ...that can come in handy with several ecommerce websites ...refer to XML-DTDspecifications for such a specific control and data-exchange

- 769) Innovative scanner ...printer...Xerox packed into a single peripheral ...a modified laser printer for the purpose

- 770) With existence of encoders or converters that convert audio or ip based streamsmost radio frequency based broad casters [offer a subscription] can offer , lease out or given that some do not have any restriction or business infringement ...a 3rd party offer such services.

(for more information one may also refer elsewhere in the document)

- 771) A pouch to a apron ...to baby sit ...that can be worn by a pillion riders to carry baby or kids below five years

- 772) Innovative design of PSTN ...given the nature of Direct Current

A cluster of devices comprising a exchange (kind of subnet in networking parlance)

Taking a 'X' voltage as max limit ... factorial i.e. X! of voltages can be supported.

Given the nature of standard or a protocol ...exploit the scope of identifying each device in a cluster By a unique voltage ...given the nature of technology viz. electronic data exchange ...and also Electronics (DC) ...their manner in which they work ...

The above should ideally eliminate the scope of eaves dropping ...unique identification of a unit, Call routing ...etc

The above identifies scope for modification in digital or electronic exchanges ...using voltage variation and information flow (which earlier has been only ...identified by bits viz. a data-packet),

Hence contrary to a unique standard voltage earlier used for information ...the above includes scope For information exchange i.e. bits a particular voltage ...other nitty gritty involved in call routing or Closure of a virtual circuit ...for a call or session to take place

Contrary to the existing PSTN where all participating devices are powered by the Exchange, it can be ensured that the devices draw their source of power from A/C ...and the pstn lines are sterile or not live or passiveviz. for instance taking into account the manner or mode in which a modems operate ...i.e. a modem dialing into another modem ...and also the fact that modem pumps the bits

Scope for innovative setting on the modems and other electronic components ...the manner in which jumper settings are done (refer to modern switch implementations that determine the clock speed of the processors ...etc) such that the modems or device are determine at a specific DC voltage with which they communicate to other devices

773) Given that content display is based on the driver ...i.e. MIME ...html or XML style sheets can include typethus resulting buttons etc (image button ...a generic specification one may refer to standard geometry ...color ...type content).

774) Innovative or custom network design (optionally ...network computing design)

Keeping such a network in compliance with existing standards ...specifically TCP/IP

A subnet ...based on the number of systems present in the subnet ...

Keeping aside the nitty gritty involved in the `cable or bus` that connects a host Computer and what may be termed as switch, hub [router etc] ...a design of the Cable or bus that scores bandwidth wise ...and secure communications wise

...hence a cable or bus that can do a one-one or peer to peer data- transmission (private channel for data communication) ...with all the hosts in a subnet.

The above design of the circuit (cable or bus) ...can include a single communication channel between each peer host in the subnet (in plain context single wire ...one may refer the manner in which token ring functions

Alternatively the design of the circuit can include a pair of wires (as is the case in a PSTN line) for communication between each peer host present in the subnet.

Hence resulting in scope for custom built networks ...and plethora of resulting products, NIC's, switch's, hubs [...appropriately designed mother board to host such a NIC ...given the scope of bandwidth ...and processing power (parallel computing) present within these NIC ...the above should be possible)

Hence scope for ISDN cabling ...secure communication channels ...scope for innovative Solutions in banking ...and other similar areas

775) Opportunity to retail or vend instant coffee mix ...in containersusually in which table salt or pepper is dispensed at breakfast (one may refer to morning diet ...while while consuming bacon eggs)

A innovative container to dispense liquids, semi solids, powders ...ideally usable at a breakfast, lunch or dinner table's ...a aperture or mouth whose size can be adjusted to dispense variable quantity of contents (say ideally describable as volume)

776) Most newspapers ...websites ...and few other mediums ...give a rating or feasibility or the nature of worthiness of reading list of books(catering to all possible discipline or streams or faculties) currently available in market ...one may observe such columns in Sunday columns

Given the nature ...Mallsairport loungesbook-stores

Can stock or window display ...such collection of booksfor would be potential audience Or readers or Book lover etc

777) Innovative architecture ...for a kind of distributed databasesand RAD or Front-END

With a client side database (includes SQL Engine ...and front end) ...with a central database ...that can potentially include OLTP interfaces ...that can come handy in banking , air ticketing kind of applicationsgiven the fact that TCP/IP or Named PIPES can be used for remote procedure calls (database context)that can be used for synchronizing databases

For instance one may refer to oracle personal databases ...that can be included on installed on the client side ...with GUI ...that can linked to a central database (a modified form of distributed database architecture ...that keeps transactions intact at local level ...atomicity city and integrity of data at distributed level) ...one may refer to or make use of MSMQ...for synchronizing with a central database

778) Stress testing of disk (storage mediums) ...and mirrors ...making using a innovative pipe ...that keeps pumping data (refer to cat command with same filename for source and target in a concatenation) ...this is a kind of converse of the `NULL` the standard unix utility shipped a eternal garbage swallower (also a result of the cat commands use i.e. implementation of a pipe)

779) Given the factors like viscosity , density and making use of the centrifugal force ...used in distillers (sugar ...petrol manufacturing plants)exploit the usage of a mixture of the liquids viz. flammable and inflammablefor safe transportational means using containers or laid or structured pipe-lines

780) Given ohm's law ...resistancecandula ...(filament ...based bulbs ...say tungstun)

A material or vapor based radiationthat gives maximum glow out of minimum size i.e. explore the idea of filament size being not proportional to glow ...keeping voltage as Constant or as defined on the existing mediums ...compress the size of a bulb as much as possible ...while deriving maximum ...with reference candula ...resistance ...heat or glow or radiation

[explore the idea of a solar arraythat makes use of solar energy ...kind of arrangement of cells as in a plasma screen]

[potential scientific experiment ...given the scope of a aquarium ...a ideally self sustaining echo system,a means of powering a space station]

782) kerosenea petroleum derivate ...can be retailed in compressed form (as mixture with a suitable gas ... packed in a cylinder ...much like the way mist is created) ...generate blue flame

A viable means of retailing the product.

783) Eco friendly sole's for shoes, sandals, slippers all kinds of footwear ...derivable out of particle board (artificial wood ...compressed particle board) , plywood ...lite weight ...while giving sufficient life for wear and tear

784) unique string generation (kind of unique id or usable as part of unique column in the context) of the database

Make use of all readable characters in character table ...numerals and alphabets

Given the string is a alpha-numeric ... sum of all the ASCII or wide characters is a numeric ...and Incremental sequence

A unique character string array can be generated based on the following pattern

[alphabet] [numeric][alphabet][numeric][alphabet]

A requisite string of a given size or pattern ...that is sequential can be generated ...also refer Elsewhere in the document ...for more information

Storing the numeric's 0-9 [[0-9] ...repetitive] in a character string ...generating a sequential series of the pattern

01,02,03,04,05,06,07,08,09, 012,013,014,015 ... resulting a unique-id in the context of a database field

given the scope the above can be held at either low level languages or 4GL ...using char strings and conversion to numeric

Explore the potential feature

Innovative database nomenclature ...of extents and segments ...given the manner in which rows are Data is organized in extents and segments ...the unique-ness of the context of data can be simplified Or atomicized (Atomicity) ...to be unique with in a given set of extents (segments) ...when applying The logic or context of unique nomenclature to extents(segments) ...the unique-ness or sequential nature of the data can be ensured on the whole without depleting the structure of the database ...hence few limitations encountered with reference to the number of rows (unique ...) that can be accommodated within a table can be exponentially increased ...with out destroying the data-integrity

785) 3D hologram based radial for wrist watch, wall clocks (icons or other image or background + numerals ...optional radium painted ...for night vision)

786) Given the manner in which current mail (internet based imap4, pop3 ...) are designed, Mail hosts (forwarding ,routing or destination hosts that host mail boxes) ... these hosts Accept or process requests based on the manner in which configured

...The scenario can be extended to few other software applications and services, given the fact that most host are exposed to internet (hence prone to malicious attacks such as DOS ...and a few other scenarios based on the vulnerability of the hosts)

Referring to the manner in which a unix scheduler functions ...a xml-dtd format based Token designed such that which incorporates ...few attributes such as date, time, digital Signature usable for encryption , signing on to the host for a valid transaction (refer to PGP and few other applications around)

Given the scenario ...hosts and applications can be designed such that they publish tokenswith validity period and also with which other peer hosts and applications can Interact with the host ...for instance taking into account the concept or scenario of a Email routing and forwarding as a scenario ...the available bandwidth ...can be effectively utilized ...say tokens can be issued to peer hosts and applications ...i.e. based on above attributes ...other hosts can route (incoming to the issuing host) ...email ...thus giving the originating host ...to organize its task by geographical domain, region or load etc.

It is to be noted that ...issued tokens can be used to organize or schedule or process ...the Bunch of requests due to be routed or delivered to the destination host

Note: the above concept can also be applied to DNS updates ...i.e. secondary from primary

787) Innovative cooking pressure cooker(water vapour) ...powered by electricity for households ...to make use of coil based heater ...to the conventional pressure cookers for house holds that make use of cooking gas heating.

788) High-Speed rotating mediums ...for storage purposesgiven the nuances of controlling data Access and instruction execution mechanisms ...either on such a disk medium based device or Over a processor

Derive a working model from FAN(a electrical deviceused in house holds for blowing wind

Or regulate circulation of air)combinea braking mechanisms usually found in two wheelers Or mopeds as can be found ...to control ...the rotating platter ...hencevery high speed data Access mechanismsbased on the way conventionalgram-phone record playersand Gramophone diskette function as a pair or ...the concept can also be extended to ...OMR based Device as exists or present today ...the above gives the ability to control the speed of the medium And executable instructions per second ...oncethe initial ...or beginning of execution of instruction Set (usually a fileas defined in computing parlance)

Note: Given the scopesuch disk players ...in a computing device can be designed potentially to be powered directly by AC (high voltage) ...or given the scopethe limits of DC may be extended to power such a motor (viz. attain the required amounts of speed)

A innovative mechanism to implement such a break which breaks the circuit when the Revolving or rotating platter is applied a break ...and circuit gets closed when the break is released ...while able to control the speed of platter ...which should ideally be a proportional to the voltage or current supply

789) Given that most modern surgery on human has scope for spillage of blood ...i.e. blood loss ...hence blood clotting being a thing of importance

Making use of cfc ...liquid nitrogenin appropriate packing ...viz. flexi ideally reusable bandage, or a coolant package (kind of pillow) ...

Or optionally ideally from the way or manner in which cfc's are implemented in refrigeration, A equipment (for instance refer to the manner in which blood pressure is measured)...that can used ...on effected area of a wound inflicted patient ...to help clot the blood quickly.

Given the scope or scenario ...cfc's that can act as coolants to fight heathence innovative footwear, and other clothing equipment ...usable for special environments (say a jacket , footwear usable in a desert environment)

790) Innovative architecture ...usable or applicable ...that comes in handy in various scenarios or situations In the context of implementing a it solution (usually most resort to using LDAP ...or a database based Polling) ...one simple case scenario ...could be a Network Monitoring ...Storage area network Implementation (refer as described elsewhere in the document)

Taking a cache in to consideration ...objects (contextual interpretation) ...as text or files (ideally low Level ...implementing `c` data structure or a XML-DTD ...format)taking to consideration a POSIX or Or java kind of threads usually used for such polling ...given the fact most use synchronize or similar Such ...parallel equal to have a exclusive access to the object ...a better illustration or idea would be is to given that the above is a `file` in the context ...a simple write lock ownership should solve the most problems usually encountered in such a scenario ...also using a naming nomenclature to such files would be ideal ...hand ...and attributes ...for xml dtd or flags on data-structure i.e. struct ...that can be used for indicators for other contexts ...for instance syncing into a database ...or those that can be collected by a garbage collection thread or those that can be collected ...etc.

For more information refer to elsewhere in the document ...for example 583) ...584)

One may notice the difference between ...umpteen applications around in the corner most of which Have been traditionally TSR programs with .dbf ...while the above gives flexibility

Note: The above can also be applied for mobile applications ...device tracking in a mobile network

Given the above scenario ...scope of DFS may explored suit purpose ...viz. a DFS share on a central Host ...with dfs daemons activated with appropriate DFS write permissionremote clients that can write on to the share filesystem ...should give effective results than what can be achieved with LDAP.

Additionally given the flexibility of the Perl ...mod_perl or similar suitable binary ...with ability or capability to manipulate or operate file-system functions ...embedding such a utility into one of the daemons or suitably modified application ...with flexibility or advantages as present in mod_perl should resulting into more viable application

Given the nature of the concept as described ...scope for potential DBMS products with variable Record length ...usable in various scenarios(use-case modeling may be applied)

- 791) scope of binary computing ...with introduction or coming of 64-128-256 bit computing in to norm or parlance ...scope of arithmetic having changed ...the scope and breadth of a unix timestamp has increased

Given the above scenario ...some platforms and architecture ...some processors that Claim to have cache memory (scope for registers ...in the context of assembly or 'c' Programming language) ...the context of 'bus' i.e. means used to transfer data to the processor ...can be modified ...such that ...it is not mandatory to have equivalent memory ...to enable 'n' bit computing

...given the above scope ...computers used in satellite (including) ...embedded can make use of altered to modified processorwith bus architecture ...such that a clock (unix ...)can last a few centuries ...also a CMOS clock on such aritechture usable in a satellite ...including precision ...can draw a source from say ...battery(refer to a emergency lamp usually used in a house-hold ...rechargeable)

- 792) Liquid extracts from the shell extracts of citrus fruits (lime , orange ...) ...can be used as pesticide, while the powder from dried pulp from these shell (exterior covering of citrus fruits) ...can be used as facial cleanser (refer to the way multani matti etc ...in India context)

- 793) Given that most washing or laundry (house hold or personal care) ...is handled on outsourced \ basis ...i.e. offered as a servicean innovative idea ...that offers a specific fragrance to be laid or spirited to the clothing ...offers a viable idea (for such scope one may refer to many a form of air-refresheners available around ...that can be potentially exploited for the purpose)

- 794) load balancing implemented from the context or point of view of information technology or computer application solution implementations

converse of NAT at router (Session management) ...+ [HACMP OR VRTSHA ...suitably modified ...i.e. a solution that channels the incoming requests to a load balanced application or solution ...while keeping data integrity of the application on high available solution]

Note: for information refer to mazen or fahad or bilal okfor at www.fapco.net (Al-salem Street ...Kuwait ...in the ABB building)

- 795) A concise descriptive explanatory reference handbook on 'dictionary view' or dictionary from the point of view of a system manager and a system administrator for oracle database administration

- 796) Innovative calling devicesdoor bells, horns (vehicles) , office desk use ...with specific feature Of varying volume or pitch or noise level emitted by the device

Note: explore the viability of the volume as in a speaker
Given nature of the utilities ...a non electric medium based solutions (string)

- 797) Innovative SMP ...architecture for Sever class operating systems ...

With one or some of the processors handling data as in a Desktop class operating system ... Which refer to date and time from CMOS CLOCK ON THE mother board (refer to winnt system),

And one processor specifically dedicated to function as in the case of traditional unix class systems With clock speed ...giving precision to few specific features to schedulers, potential scope for software Services that function or facilitate database triggers that can be timed with precision (unix automater) ...refer elsewhere in document for more information

Note: the above gives scope for modifying the 'OS' threads ...hence scope for innovative server Class operating systems

- 798) with reference to query plan , show plan interfaces available with many databasesthe performance of the query in turn being dependent on the underlying hardware disk abstraction layer ...viz. layout of segments(extents) and their growth

...a specific plug-in or interface that lets access to underlying low level disk abstraction layer (raid, disk , file system layouts) ...viz. gives the system manager or system administrator choose appropriate file system or raid layout or appropriately allocated disk space for extents and segment growth for optimized database performance.

Explore the idea or scope for a wizard that analyzes the available hardware ...scope or structure for layout (placement of segments ... extents ...index's or hash's) ...refer to existing disk or volume Managers for potential scope.

Note: For instance taking into consideration a JBOD ...by storing all the index's or hash's on one of the disks ...and locating segments (extents) growth on rest of the disks (data)one of the best possible layouts for a database can be achieved ...for more information refer as described else where in the document

799) Exploiting the use of a dictionary ...from the context of a operating system ...web based applications Etc

For exploiting potential usages ...one may refer else where in the document ...scope ...much like Generation of a random number ...generation of a random string or word

Standard Regular Expressions ...from various means can be used for the purpose (including Perl)

The above can be achieved by picking of alphabets at random ...refer 241),242),243),244)

For instance alphabets can be stored in a character string ...array ...picked up at random to choose Specific combination or seriessimilarly combination of alphabets from day of the week , day of Monthsimilar such functions can be picked using various function or API ...provided by software (database or RAD tools)

Note: Oddly a random number can also be generated out of the string ...say by counting the number alphabets in a string or summing up all the ASCII values of the alphabets present With in string

A simple application ...to simulate most often practiced ...theology in schools or other language Learning tools ...learn a word a day ...hence a random word and its meaning or application usage From a dictionary or thesaurus

800) Enclosing customer care numbers as part of the address book (both mobile device ...service provider ...few other services makes decent option for the customer)

801) A safe adventure sport (also practicable as part of training exercises)

A rope (with sufficient tension ...make of fibre (synthetic or coconut fibre²) ...with knots At sufficient distance apartrope suspended from a high beam or ceiling of a wall A pit of sand at the bottomrope climbing can be offered as a decent sport

802) Expression of wish is an Art ... A compendium of expressions ...catering to various scenarios and occasions

A innovative online greeting card (website) based ...taking a cue from existing various Online webpage ...pre-formatted layouts ...and also flash movies ...

A end-user ...gets to select a specific expression or greeting slogan ...which can be embedded into the greeting card (viz. greeting card layout or a flash movie ...online dynamic GIF or other image ...content-type generation) ...the above includes scope for ...the end-user to specify or input his own expression.

Note: Given the nature of above requirement ...the size of the greeting card (a html ...frame ...to exploit the size or resolution ...as also size of the flash move ...to accommodate the Size of the content viz. a word expression selected from a list ...i.e. to fit the content In to a selected template ...for more information refer else where in the document

i.e. to determine the size of the greeting card ...dynamic frame size)

- 803) Innovative retail vending units (mobile carts or powered by a engine) ...refer to say mobile ice-cream parlours ...ideally these units can be used to vending liquid (viz. drinking water, carbonated water or other juice ...) ...while ...refrigeration may be left to as a optional factor, liquid can be drawn from such units ...using a piston ...for more information refer to the conceptual model on which a tube well works
- 804) Given the context of NetBIOS, NetBeui ...other networking protocols in practice or being used as on date (appropriate context of the original protocol viz. Networking driver originally used in Novell Netware) has evolved can be adopted for the purpose) as networking protocol for communication purposes ... simulate...wrapping NetBIOS over DNS ...lets scope for plethora of innovate applications (or re-defining the context of environment with in which a application can function) ...the context of a port of socket (software ...based theory) ...the above should be viable given the fact underlying such a end to end is a virtual pipe ...for scope of such a protocol refer else where in the document

Refer ...else where in the document for more information ...for more information refer to the context of IDS ...firewall ...ports ...say as specified in 380), 404) ...given the fact that Netbios is usually used in a local lan environments ...it can be exploited for use in environments with high bandwidth ...and also dedicated leased lines ...etc

- 805) Given the nature of tiles used for flooring in housing and industrial sectors ...scope for Innovative composite material i.e. which is resistive to heat or non conducting to heat, Hence scope for exploiting a viable commercial opportunity

While the above mentioned ...composite may be virtually ...difficult to achieve ...proper channeling Of air or water can achieve the means ...much like in air-conditioning ...earthen ...based mud tiles with free flow channel or ducts for channeling water (sprinkler based ducts) or airflow ...this kind of concept can be used for commercial viability in public places like parks etc ...as also traditional country side housing...viz. arranging mud tiles on wooden logs ...kind of concept can be ported to innovative housing ...farm houses or other vacation or retirement kind housing units ...this is contrary to applying air-conditioning

- 806) Specific to construction industry ...while building enclosures to condiments, housing (residential), commercial space ...innovative means of provision for providing cabling space

Deriving from hallow bricks ...iron mesh ...fortified with cement and sand in the form of 'U' ...viz. the hallow block 'U' rotated at 90 degrees from axis ...can be embedded in walls of enclosures ...i.e. cement block can be substituted in lieu of a brick or other block ...on specific layer to create a specific channel or duct to provide means or space for cable layout

Note: It is to be noted that hallow brick can also be a hallow cube(3-dimensional rectangle) with two sides open ...with an outlet that can be drilled or opened where ever required

- 807) Given that most fax machines offer ...recording or saving a soft fax copy ...deriving from the same ...ability to record a telephone call in the back ground ...phone devices and mobile devices
- 808) Voice or call recording can be exploited ...certain scenarios ...like Back office processing ...in few industries ...for instance in banking industriesloss or theft ...of a ATM card or a check bounce ...few instructions can be ...handled much like the voip ...message recording facilities available on certain EPBAX ... mobile service providers ...concept as being practiced .
- 809) Represent ...a data-structure ...using PERL hash ...given that it can be stored in plaintext file ...scope for exploiting exiting PERL modules ...DATA:: Dumper (kind of ready to execute code)

...Scope for innovative product ...for instance ...http server side template engine ...can be clubbed used along with above concept ...to generate ...dynamic page-generator (refer else where in the document ...with out the need of relational database) ...with a navigation system or menu ...hence scope for innovative web publishing ...products

- 810) A Research paper on binary data compression ...algorithms ...explanation or illustration

- 812) Given the context of server side html pre-processing (shtml, php, asp, embedded perl ...various

other versions or flavors) ...scope for innovation multiple ...types of pre-processor tags and meta tags (given the nature of the content) ...innovative context of server side scripting or pre-processing

Note: for more information ...refer to some work experimented with ms proxy2.0

Dynamic Data: When serving dynamic data there are / is data that is specific / Variable based on various factors

a)time b) country c) Group of individuals d) a person i.e. the amount of personalization required, various types of data to be cached and updated varies based on the type requests being received.

Pre-processor tags can be classified ...the order in which ...they are pre-processed ...kind Of in stages (either a sequence of cached pre-process-able web-pages) ...or same web-page ... with pre-processor tags handled in the following order on generic ...content (say time, date, country and other factors generic) ...pre-processor tags with reference to content specific to a individual or ...what may be ideally termed as session

All most of the cacheable pre-processed web-pages being expiry-able based the above factors, most essentially the timestamp ... and hence the necessity of a java kind of garbage collector that mops /updates the necessary data.

- 811) A book on event management ...that serves as reference guide ...comes in handy business or Corporate houses, Institutional organizations (including ...few subsets from management accountancy would be ideal)

-

Given that event celebration within families of individual capacities also ...playing major part ...a compendium would be good retail-able booklet (organizing birthday parties to kids, thanks giving day celebrations ...resources from where to source to organize such events)

- 812) Exploiting the use of random generator ...kind of Ad-rotator and Ad-service rotator

...porting the following web-services ...vocabulary learner, Quotes , randomized jokes, similarly cartoons ...compendium of collection of ...all past editions ...for instance in a newspaper , magazine ...these can be ported in a image rotator service ...for online editions or services ...all of the above should work as a traffic generator to the web services

- 813) A compendium or book on Greek Mythology ...makes a good saleable commodity on bookshelves on travel lounges

- 814) A compendium specifically pictorial view ...artistic capture of various castles and villas across Europe, and profiling ...of feudalistic nature ...viz. evolution of Europe ...along with historical importance

- 815) Innovative walking stand ...with variable or adjustable height for those ...recuperating from post Operative procedures ...to regain ...recoup ...and stand one's own feet

- 816) A value for dispensing or diffusion of matter (gases or liquids ...pressure) from a container or a chamber ...that requires a minimum amount of pressure (translating into mass as the case may be depending on state of the matter) for the aperture to open

Note: contrary to or unlike what is observed in a cooking pressure cooker ...in this the aperture Or valve is at the bottom of the container i.e. mass of the material is above the valve

- 817) Making use of Flash or other animation or image manipulation techniques ...for measuring what may be termed as Intelligent Quotient or Mental Ability ...refer to several competitive exams and psycho-analytical tests administer for recruitment purposes (one may refer to R.S. AGARWALLA ...a standard text book ...used by most in parts of Indian subcontinent)

Note: The above may include ...scope for image rotation manipulation (including 3-D rotation) ... For assistance ...to accomplish such exams

- 818) A innovative algorithm for a fractals (computer generated random image plotting)...also say translating into say a screen saver

illustration 1:

for instance plotting of minutes (...numerical reading from a clock says cmos) on x-axis
seconds (...numerical reading from a clock says cmos) on y-axis

illustration 2: given several standard equation (context formulae) for plotting a geometrical definable objects (includes straight line)

Making use of time (in context of Microsoft platform cmos reading) ...
Various attributes of time for such plotting ...refer 241),242), 243),244),
245)

819) Much like GUI based entity relation ship tools ...for database schema design ...

A tool that pictorially represents or traverses the relations or tuples in a database schema ...hierarchy dependencies (viz. primary key ...parent (Master table) ...child dependencies)

The above may be defined as object relation traversal ...can potentially also may be defined in ORDBMS

SAN point control viewer ...a san management tool ...with veritas corp ...can be extend or used for Representation of objects ...and entities and their hierarchical relation or dependencies in a LDAP database ...and also various other proposed solution ...else where in the document ...say 790)

The above also takes in to account ...traversal or representation of a ...kind of tree ...in a database, Where the schema design is against ...standard normalization rules ...for instance self referential keys ... for more information refer unlimited dynamic page generator (using a database and template) ...refer else where in the document ...also one may approach ... Fapco.net , Kuwait

820) A flash component based movie (with multiple layers) or a stack of .Gif (ideally a transparent gif) images (to fit into for each layer)

a innovative means of plotting or benchmarking a variable against multiple such variables ...on each layer .

For instance currency exchange rates ...i.e. taking a base currency ...plotting other currencies (exchange rates) against the base currency.

Note : Given the scope of potential ...definition of a image (raster graphics) ...existence or presence Of a kind of active pixel ...scope for a transparent mesh or image ...with a active pixel, in the context of the above refer to several existing image editing or manipulation software's

821) A website ...dedicated to bodybuilding ...catering males and females alike ...that serves not only as as guide to physical fitness ...but as a nodal agency for fitness related activities and

822) Explore the viability of Automation of PL/SQL batch processing ...ideally elimination of such cumbersome and time overhead based activity ...explore the scope of usage of xml-dtd ...also where required ...remote execution of such pl/sql batch records ...use of encryption ...refer 242),\ 243), 244),245)

While the above is the scenario ...ideally making use of Innovative database architecture as Described else where in the document ...in combination with MSMQ ...for synchronization with a Central database or databases ...to achieve what may be termed as distributed database architecture refer TO 777)...with reference to atomicity of data.

Note: The redo-log files (contextual) ...as exists in a database ...can be piped to a MSMQ ...to be played on a remote extents of a namespace of a distributed database

Also the concept of redo-log files (what is termed as dirty logging) as exists in a VXFS (a file system product) ...can be queued to a msmq ...to replicate a file-system ...etc (viz. does not require a dedicated connectivity)

823) Innovative means for drying cloths can be implemented ...viz. enclosures ...with very high focus headlights (refer to the ones usually which have range of up to 40- 50 km on clear sky days) ...alternatively ...most modern air conditioners are equipped to blow hot air ...

which can be used for the purpose

- 824) A note or scribbling paper(notebook) ...usually used for time passé or those retired , deriving from the manner in which the paper for plotting statistical graphs, a note book (traditionally used for scribbling ...words like aum , mythological names etc) ...such a graphical paper in which each square (context a statistical plotting graphical paper) is a elongated rectangle of each which the side length is 1cm to 1.5 cm .
- 825) Innovative virtual 3D-dice based games (flash movie based ...a dice that rolls out a number upon clicking) ...number of such dice to be selectable ...for number selection refer to random number algorithms as illustrated else where in the document

Example : a board game ...snakes and ladders

- 826) Deriving from concept or notion of namespace in the programming parlance ...

Also deriving from the concept or notion of SNMP tree walking in NMS domain,

Say a given a database or domain of users (friends, references ...visiting cards i.e. .vcf , family tree's, ...view of address book for (email-ids ...where applicable) ...etc)

Innovative organization or view of the friends , references list ...for storing such a Tree structure in the database ...refer as described else where in the document (viz. 819) ...and a earlier contract work performed with fapco.net)

Illustration: In a circle of friends ...who is the introducer ...the chain of such introductions (direct marketing ...social networking etc)

Note: Hence innovative ...organization or display structure ...applicable in various User scenarios

- 827) Exploring the scope for automation and embedded systems applicaiton

Given the nature of risk involved in transporation of some highly inflammable fluids (gases or liquids) ...explore the scope for automation ...with reference to operating the aperture or outlets to such containers (petrol, keroscene, CNG) used for shipment of such cargo ...hence scope for automation using embedded systems and interfaces much similar to what can find in a kitchen appliance i.e. microwave oven or a petrol bunk

Suspension mechanisms in all mopeds, 4 wheelers including aircraft offers scope for being monitored under a automated environment ...for observing of few variables that should ideally be inline with established norms or standard benchmarks ...for implementing such a standard refer to automated electronic weighing machinesfor containers and vehicles usually used in shipping and toll gates ...few attributes from the electronic weighing machines can be ported transportation vehicles etc that use or implement CAE kind of monitoring mechanisms or at service centers.

- 828) Red ants are common menace in house holds, work place ..etc

...the perfect cure lies within the ants family tree itself ...viz. Big ants eat small ants

For instance black ants (usually of one inch in size ...found widely on trees, figs, plants), consume red ants ..as food.

Given the nature of incubation or ant breeding ...it makes a logical and viable option culture and retail ant eggs.

Also for more information ...ants being a part of diet of several communities across east asia, the above should serve as viable option

- 829) Picking up a cue from the usage of a table fan ...a innovative exhaust fan ...that can be hung much like the common mirror (usually used for ornamental decoration) ...with a design concept that can be hung over a nail ...useable at chimneys, windows and various other scenarios.
- 830) There has been a requirement for a date-time stamp based seals along with trademarks, other

emblems in most office and commercial environments ...including mail sorting and delivery houses, acknowledgement slips , automation of such mechanical lever based timestamp (date -time) to be kept in sync with a digital clock either making such instrument or means battery powered or AC powered ...the above is with reference to ink based impression made from chiseled or carved rubber stamps and ink based stamp pads or ink re-filler based seals

831) Retailing or dispensing antiseptic and first aid lotions in containers with lids as in eye drops or nasal drops ...makes a viable option ...with reference to ease of administration or use of such a container for administration of first aid.

832) A Book on Quotable Quotes ...a compendium from Reader's Digest Past Editions

833) using a server side script ...inclusion of a dynamic or random background image for a html or or server side script based web page

Nice to have : A image map to function as a innovative stack of CSS ...with the image as a background of a web-page ...and image-map ideally as much like a CSS file linked to the Host web-page hosting the image-map .

Given the nature of a image map i.e. co-ordinates of a image mapped to function as a URI or invoke Java-script based function or other automation (includes form submission , data validation etc)

Hence contrary to a normal web page with a back ground image ...the above functions as image-Map in the background with the ability to have normal text (html context) ...refer to any normal web Page with data ...but the difference being here the back ground image functions as image-map with ...with on mouse over or on mouse over events being supported.

since given that once image co-ordinates are mapped any image of the standard proportions or size For the context should suffice ...hence a dynamic image fitting the standard size in the back ground.

The above should give innovative functionality ...ability to attach a image-map to a background image on a html web-page (with out the support of stacking of CSS) and add to the scope and manipulate-ability of html capabilities.

834) Printing or writing of the sums in words for issuance of DD's , checks is cumbersome as it is today.

For instance to translate a value Rs/- 1001 ...is written or printed for issuance of a DD or check

By using a relational database (index unique ...numbered) ...by once storing in to database Their numeral value and storing its corresponding ...text string ...in the above case

viz. One thousand and one only

The above can not only do away with confusion but improve ...quality of communication on All instruments used in bank and other similar industries.

Note: Refer else where in the document for more elaborate description of the context

835) Much like nuclear materials that undergo a process of fission for energy generation ...on exposure light ...explore the scope for energy radiating or dissipating materials upon exposure to sound ...viz. air based or a conducting mediums ...with say resonance as means or mechanism ...exploit the same for commercial use.

836) eXploiting USB protocol or a proctol and devices on the similar lines

To gain max through put out of the flexibility of the usb protocol, device's can be designed such that they be connected to multiple USB ports, so data-transfer's rate's and through put can be optimized

hence data can be transferred at the rate of 4 bits or 8 bits or proportionally,

for instance one may refer to IDE and SATA ...as an example.

837) Database optimization for Application Tuning.

- a) Application portioning where in OLAP and OLTP are directed to different databases
- b) Database Optimization in conjunction with storage

Note: This may be a viable option when looking at application performance tuning ,
In lieu of application portioning ...database portioning may be a viable option

Efficient implementation of a database in clustered environment ,

i.e. asking or questioning the fundamentals of a cluster...

efficient utilization ...would be implementing what may be called as a distributed databasein the context of what what is currently being marketed as portioned environments, also intent is to let the systems be in a single database instance, where as database's them selves can be spread across the systems confirming to relational principles and principle's followed on the media handling techniques or what may be termed as lock or quorum in the context.

i.e. multiple system's be part of single virtual machine ...as per the principles of a cluster a failure of one of the node's can be serviced by group of or node that is active ...loosely specified different databases with in a instance could be located on multiple nodes.

where part's of database resource's can be located on different type of plex's (refer to raid or lvm or odm fundamentals)

Note: Dynamic storage provisioning solutions (may fall into the context of virtualization to an Extent) can include allocation of storage to plex or a copy of a RAID VIZ. underlying layout, Of the plex ...determined based on the configuration at the level of database parameters viz. optimization of the OLTP or OLAP and also application's specific requirements say, No of concurrent user's i.e. number of copies of raid to optimize IO through put.

837) write / inscribe a few keyword's ...or phrases ...each on a pack of cards

shuffle ...them around ...pick a few at random ...

Requirement : Creative writing or copy writing or visualization

...weave a story

838) A innovative charger for mobile phone's , taking a leaf out of the way in which one park's their room key in an luxury hotel or a star hotel , a chamber or enclosure, into which the mobile can be parked (well usually the room or enclosure or the apartments are usually only powered only when the key is inserted ... don't know if this a matter of coincidence or designed categorically)

839) is D-HTML the answer to the XML and HTML??

also given the context that it offer's a slightly ...more trustable interfacegiven that element's can be added or deleted on the fly ...
....may be adding an element in to the form after validation is successfully completed on the client side offer's some measure of validity to the data

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More Importantly it lets mapping data set's to a relational database, post validation easier
would this worthwhile innovation in business computing ??

Innovation in office computing space (business applications)

assigning name to cell ranges in DSS (spread sheet),
(a single name to reference a collection of name value pairs ...say kind of ,
and also assigning name to cell's them selve's

...exporting are converting the above in to an xml document ,
parse-able by an xml parser ...also the above confirms to an XML DTD
...accessible using DOM ...
provide's a highly viable extension to existing option in business computing,

....and that can signify a value added addition to web 2.0 technologies also
also the mapping to xml to relational databases and vice versa.

well a simple script or a embedded tool that takes care of converting the named cells and
attributes to the respective elements of a defined DTD ...a feature that can be embedded into
DSS based applications or utilities ...that can enrich the user experience of the web2.0

840) Document Mapping: may refer as explained above in one of the

Image Mapping ... DataMapping or Porting into XML/Relational Databases

Scan physical paper work (make office paper work ...available to IT automated systems)
where ever standard physical paper based forms of standard size's are used
....images of these forms can be scanned (given the context ...based on the contrast,
background color

only the part that consists of data extracted and ported in relational / Xml databases

...by using a concept called Image Mapping ...i.e. define a area on a scanned image
...map the content

on the specific portion of the image to a XML tag or a database field ...and the data so
extracted can either be stored as image itself or some image to text conversion /extraction
can be applied.

Parser's for lay men!! is XML in any manner advantageous ...over plain text based formatting ?? apart from being more intuitive. aren't text parser's actually not accomplishing the same ...lexx or other traditional unix text formatters ...and interpretation and mapping of the text formatting , spacing and other forming character's to legible or interpretable tag's in the context of xml or "a column or a attribute " in a relational table context

841) Develop a model much like PCMM, works more on the lines of RAD water fall model used in software services / societies / management committees/ co-operatives/Evaluating the role and performance of individuals and entities

- a) Takes in to account the task and situation at hand
 - b) Objective varies based on beneficiary, say members involved in the task, pupil effected by the task, Pupil benefiting from the task.
 - c) Ideally limits the role of a manager to a coordinator of all the tasks involved.
 - d) Task assigned to a individual at any time are based on IQ, his past performances mutual grading by each member involved in a group.
 - e) All decisions taken by the group should always be based out of the polling.
Polling should always be done in a anonymous manner.
 - f) The Questionnaire for a polling is set by the members involved (+HR / Outside agencies) .
 - g)Evaluation of Performance of a individual is arrived at through polling by all the members in the group tasked with a task + a outside agency.
 - h)The set of rules on which to be operated upon is always arrived at based on task at hand.
 - i) Provides a means to the individual , because in a group there is always scope for making scapegoat of an individual, by providing recourse for intervention from an external agency.
 - j) When a person is in a Position to make a decision, When a Individual feels his decision is biased, best bet is to leave the decision to a outside / 3rd Party agency.
 - k) When dealing with people or group of individuals usually who call them selves individuals with very high Intellect or those individuals who feel they are a cut above or superior among the folks in a herd , best means to tackle them in organizations for HR folks is, A self imposed moral code of conduct acceptable using polling as defined above.
 - l) Include Quality of Service as principle in all management charters, It imbibes responsibility among the rank and file of a entity...on a additional note Quality of Service can only be realized in a market competitive economy ... where multiple player's vie. for the pie in a market ...where customer service play important role (...while this is the scenario effective regulation of amount of currency in circulation in market can only arrest hazardous growth of population or exploitation of natural resources
- Case Study: Market opportunity... and as is the side effect's of democracy exploitation of majority ...has ensured that population Indian Sub continent exploded ... natural resource's exploited ...specific resource rock formation's ...etc for cement production ...while democracy has been practiced in India ... underlying federal /feudal structure ... viz. respect the land owned , could never be enforce in a court of law both due the week structure on which they are based as also the whim's

and wish's of majority of population, the draw back of any practiced democracy).

m) Managing large concerns has always been a problem, Best Means to handle such concerns is taking a leaf out of the partnership firms, where in the concerns take out an IPO and majority of the employee's are those who have an equity stake in the company (practice should work good for the following sectors insurance, marketing, retail sales(when in right to sale of the goods from the concern is awarded to retailer's only when they hold a equity stake.)

n) Leadership may be best described as imbining discipline, quorum (adhering to the charter of a organization/concern/body).
Leadership being ability to lead a pack or bunch or a stable of people,
viz. **simply put how to make 'oneself or yourself ' heard in a herd**

[

Why should the scope for leadership arise at all ...for an ordinary man to be able climb up in life ...lifestyle (wants creates needs ...needs creates wants... psychology) ...ability manage ancestral inheritance assets, business or other entities ...i.e. ability to organize and manage

It may be noted that there is quite an amount of difference between Leadership

(leadership being one of the required charismatic quality ... and is variable depending upon circumstances and instance or case scenario) and a manager

(

Being someone who is ideally supposed put his resources viz. livestock, tangible and intangible resources into a harness-able output or objective

And one of the drawbacks of being a manager being the ability to be technically Skilled (both IQ , experience, skill being some of the factors ...some of them can Be squared off or equated based on requirement, circumstances, timeframe) and hence requiring to rely on people (rather insipid to talk or engage ...trust, reliability, ability and few other attributes (by very human nature ...they are so ... race, religion, creed, profession, identification of self (a individual ...affinity ...) ... all which are being dependent on 4P's or 6P's ...which again determines ...who is in control micro, macro ...household, society... nation ... etc human settlements as such translated ...population size ...variable argument being democracy ...being the 'con' word (dollar farming, luxury, lifestyle ...being the determining factors)

)

Scope , Role , Reach of a manager in a profession (while conducting surgery ...medical, Computing, those in positions requiring harnessing natural resources and human resources

]

Also leadership ideally translates into initiative and responsibility ...i.e. both initiative and responsibility are part and parcel of anyone donning the role that involves leadership

o) Etiquette is more than table manners/body language , I prefer it defining as elegance with comfort to the individual/concern concerned with out causing discomfort entities surrounding.

p) As Described in 406) (Ideally speaking this is out of context but should score when used as referral in a management context for certain situations.).

q) A first lesson in leadership ...a well planned , coordinated effort stands out as remarkable ability of leadership, or ends up as an act of amusement.

A pedigree that an individual achieves /attains that leaves him ,high and

dry with a marked impression on him in rank and descent, as is the case the world being governed by realities, it is like either borrowing trouble, despise (making enemies) or appreciation leading to gains resulting in preparedness for FUTURE ...

An Individual ought to remember he/she has no authority over his fellows, and work defined by conventions... his/her efforts hence leading to gain psychological legitimate authority among the rank and file of a entity.

Success is for the individual who see 's / experience's solace /gets lost / in his work it is kind of experiencing bliss.

- r) Leadership requires vision viz. for those in such roles the ability to themselves in others shoes ...analyze, rationalize their (individual or groups) behavior i.e. the ability to identify themselves with masses or their target audience or group that lets them to take appropriate action or decision by better understanding of their motives
- s) Leadership calls for one to be well versed or articulate...clarity of thought ...hence the ability to convince his target group or audience (variable based on circumstances, scope ... few attributes like education, IQ ...etc)
- t) Use-Case and waterfall modeling as is practiced in the parlance of information technology or software industry can be extended to other walks of life ... in particular in the current context to management decision making.
- u) When dealing with hierarchies of managements of institutions and entities Top-Down approach or a Bottom-up approach can used ...in the context Of some managing these kind of institutions or a external entity dealing With such entities
- v) The most misused aspect with reference to said/ propagated notion of democracy Viz. in the context of the human existence within the purview of Land (by its Very nature and finite nature of resources existing on any given specific area),

The human achievement being proportionate to collective effort one of the reasons ...democracy was purported or came into existence ... of the ways to tame this side effect i.e. of "size matters" is ... using statistical or other scientific approach'sarrive at cumulative number/index figure that represent or is the basis for allocation of resources (quantifiable in respect to money or budget allocation as is termed)...which is independent of size of the population of the specific area where human existence is present (This works specifically with respect to contribution from the specific area in terms of natural resources and not human quotient A cause of concern both at micro and macro level any specific organized geographic levels viz. taluk, district, state, country etc), In terms of democracy the element of population should always be discounted (viz. allocation of resource say food grain or other activities)

(The efforts with reference to Intelligence Quotient of individuals should always be calibrated at a individual level be proportional to the spent thrift of the individual at his will ...and nullifiable out of any geographic domain or element should there be legal/lawful claimantsuch that there never exists a conflict in terms of race , creed or geographic domain.)

Note: While this might sound incongruent at first instance a refined approach Should ideally stem the rut of population explosionand keep the human Society at a rational approachThis should work for the fact being any activity by a individual is an act of spent thrift ...should the case be upon the circumstance of non existence of lawful claimant the spent thrift Quotient of the individual or claimants can be nullified (A suitable economic model can always be arrived at based on the above principle's ...this may be feasible for the fact that human race as such being a collective existence or plunder

[The underlying exploitable and scope of the banking model of the economies practiced that exploits or misuses the Natural resources ...in the name of creation of wealth ...the meaning and scope the currency ...enforceability of law and order]

)

w)Evaluating the concepts or principles as described in 653) from the perspective of the three monkeys (imbibing or teaching principles of social behavior) as advocated

by the legendary Mahatma ... also applying the concept of use-case modeling of the set of tenets as described from the perspective of applying the principles of the mahatma's three monkeys

y)IQ(intelligent Quotient) being a relative or calibrate-able parameter ...maintaining such a quotient or ranking i.e. a relative score on a scale...that is correlated or calibrated by all the professionals within a profession , ideally by a all the members of professional body or qualification as conferred or by a recognized body or organization i.e. a society or geo-graphical area i.e. population to which they are serving ...so that the best qualified or expertise or the brightest is caught openly and his sleep and life is utilized to the betterment of people benefiting or serving or from whom he earns his wage or a living ...this can be extended the more or less all the professions ...since ideally such a process requires not only leadership or organizational skill or more importantly adequate knowledge within the profession and IQ or Mental ability ...being a relative score that one is better off or more qualified ...while publishing such a index or score helps not only for the common people but also the practitioner or a contractor for earning a premium or using his skills deftly and time being put to efficient use, while this a conceivable ...this potential benchmark is subject some or all the applicable ... say charter of the above framework

Note: the above i.e. y) ideally as such refers to decision making ...where ever involved or practice-able across the hierarchies of entities (organizations ...concerns ...),

[i.e. more or less as practiced in most resolutions adapted or undertaken or process performed in what may be termed as board level meets in IPO firms]

aa) what needs to be rationalized is purpose and pursuit of a discussion or conference, between validity and futilityconfluence of power or decision making

NOTE: Some bugged politicians or HR professionals in India devised a mechanism that I be intimidated(A scenario that I had been witnessing since my teenage days , for information refer to the Personal background of the Individual as described above), a service certificate in Kuwait , a recent visa denial and fudging up of facts at company called veritas software India Pvt Ltd, illicit use what may be termed as piracy, plagiarism of ideas , Concepts , Product's , Project's, in spite articulation of the same in the Bio-Data , Circulating / Registering / Marketing it through the Electronic Publishing and Communication medium called the 'Internet' and also registering the same with few Business oriented firms what may be termed as Placement agencies or Human Resource Consultancies or Human Resource Franchises , Getting the document certified or processed technically for Qualification as Contractual Employee or Contractor...as part of H1B visa, while all the above hold Good , being a heir and claimant Maternal Great Grand Parents Inheritance ...with reference to norms, processes for holding or employing labor (including those that may come under the purview of H1B ...as classified , norms specified by Department of Labor United States of America, Highly Skilled Migration Programme from United Kingdom

With most of the products or projects non-existent in the market at time of their Publication , based on the Bio-data several products, projects and companies have emerged into market place and have managed to thrive and flourish having had political connections and also the physical might as is the case in a Democracy (viz. subscription to political party ...race ...creed...faith...insurance racquet etc)

Do note the fact that the same applies to Every Body (All and Sundry), and to whom so ever getting associated with or taking up the projects are being amply advised to merit or consult legal opinion with reference to material, financial viz. tangible or intangible loss or damage that may be incidental to 'the cause ...i.e. taking up /pirating/plagiarism of ideas ,concepts, Product development , Project's execution'.

I here by declare the fact that am not associated with any political party or charitable Society as may be registered or thriving in any part of the world , including Indian Subcontinent, hence any payment or authorization of any valid agreements had to be in my individual capacity, I shall not be associated in any manner with Internal or External trade deficit / debt settlements of any country.

Neither any country be forced to make any payment, including delivery or procurement of arms by my host geo-graphical domain and reigning authority of governance or any other location where I had resided in the past with respect to execution of some projects taken up in Individual capacity viz. the kind of barter trade as practiced by some nation's, communities

One of the reason's why this document has been detailed to the minute extent whether to run a business service or how to run a economy, The owner or Author of this document's family being a consistent victim of law as perpetuated and implemented most parts of the world viz. pro populist , with little or no respite to Feudal land lords (Subjugation through Intimidation)

It may be noted that Democracy being a government for the people, by people ,propagated in the interests of the people ...with variable impact ,opinion of the public being a populist, socialist, capitalist economy, from the point of harnessing natural resources and people specifically given at any point of time.

One may refer to the scope of Leadership as described or illustrated in the document, Leaders are articulate, able to mesmerize public ...with their short coming being their nature of origin ...people and communities they represent and opinion they seek or people on whom they rely upon ...and in turn whose wants and needs determine their deeds and vested interests, hence ability to take a decisive action is a twin edged sword on any given day with consequences dependent on nature of the backing they have)

Indemnity: One may refer Indemnity as explained or defined elsewhere in this document, in addition the following stands good or valid

The owner of this document is not responsible for circulation of this document through communication channel / means, that may have been circulated by any party other than the owner of this document (Bio-Data ...offering Business Opportunities on outsourcing

Basis ... Being a Individual ...and also the Nature of Family Linage), which amounts to what

is termed as spamming (Document transmitted or circulated in any form or by any means, electronic, mechanical , Photocopying)

All such spamming should be subject to the spamming laws of the respective jurisdictions.

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while the Bio DATA is, copyrighted please note the fact that terms are as mentioned above.

Several Products currently violated what may be termed as Intellectual Property, I intend to/have already lodged to proceed legally against companies, who utilize the mentioned concepts/ ideas without Authorization, in their host nations

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