Employee Schedule Test Report

Michael Kramarczyk
mdk5@njit.edu

Table of Contents

Submissions

Phase	Submitted Files	Submission Date
1	ProjectProposal.pdf	Thursday, May 26, 2005 5:14pm
2	ER Diagrams.pdf Employee Schedule Manual.pdf	Monday, June 27, 2005 3:16pm
3	ER Diagrams_Version2.pdf Phase3Report.pdf	Tuesday, July 12, 2005 10:13am
4	TestReport.pdf CodeDocumentation.pdf Employee Schedule Manual.pdf Schedule.exe Schedule.mdb	Tuesday, July 26, 2005

Testing

Each unit in the Employee Schedule program was individually tested for correctness. The entire program was also rechecked when creating the Employee Schedule Manual. The Employee Schedule Manual includes screenshots as well as providing a walk-through guide to the entire system.

Create Tables

There are five databases that are utilized in the program. If a new database is being used then the program must create the 5 tables.

Database	Passed/Fail
Employee	Passed
Employee Job	Passed
Employee Schedule	Passed
Empoyee Vacation	Passed
Job	Passed

Add/Edit Database Interfaces:

Records Created and Modified	Database	Interface Tested
45+	Employee	Employee
95+	Employee Job	Employee Job
100+	Employee Schedule	Emloyee Schedule

20+	Empoyee Vacation	Employee Vacation
8+	Job	Job

Employee Interface

Condition/Function	Passed/Fail
Report error if Last Name field is not filled.	Passed
Report error if First Name field is not filled.	Passed
Report error if Phone Number is not filled	Passed
Report error if Password field is not filled	Passed
Report error if Confirm password does not equal password.	Passed
Report error if user name field is blank.	Passed
Report error if user name field is not unique.	Passed
Prevent non-admin users from accessing.	Passed

Employee Job Interface

Condition/Function	Passed/Fail
Report error if Employee, Job Combination exists when adding a new combination.	Passed
Report error if Employee Job Combination does not exist when editing a combination.	Passed
Prevent non-admin users from accessing.	Passed.

Job Interface

Condition/Function	Passed/Fail
Report error if Job Name field is not filled.	Passed
Report error if Job Name field is not unique.	Passed

Can edit Job Name in the future.	Passed
Prevent non-admin users from accessing.	Passed

Employee Schedule Interface

Condition/Function	Passed/Fail
Report error if Employee, Job combination does not exist.	Passed
Report error if Employee is on Vacation.	Passed
Report error if Employee does not have a job.	Passed
Report error if Job does not have an employee.	Passed
Report error if beginning time is after ending time.	Passed
Report error if employee is already scheduled for that day.	Passed
Prevent non-admin users from accessing.	Passed

Employee Vacation Interface

Condition/Function	Passed/Fail
Report error if Employee is working that day.	Passed
Prevent non-admin users from accessing.	Passed.

Show Text Interface (Employee Report, Staff Report, and Help)

Condition/Function	Passed/Fail
Can Print Employee Schedule to Printer	Passed
Find All Search works correctly.	Passed
Find Search works correctly.	Passed
Can Save the document	Passed

Staff Report Interface

Condition/Function	Passed/Fail
Print Staff Schedule	Passed

Print Staff Available	Passed
Print Staff Info Active	Passed
Print Staff Info InActive	Passed
Print Staff Info	Passed
Print Staff Schedule Order by start time, job name, employee name.	Passed
Print Staff Schedule Order by start time, employee name, job name.	Passed
Print Staff Schedule Order by job name, start time, employee name.	Passed
Print Staff Schedule Order by job name, employee name, start time.	Passed
Print Staff Schedule Order by employee name, start time, job name.	Passed
Print Staff Schedule Order by employee name, job name, start time.	Passed
Print error message if date is not valid.	Passed

Employee Report Interface

Condition/Function	Passed/Fail
Print Employee Schedule.	Passed
Print All Employee Info	Passed
Print error message if begin date is after end date.	Passed
Print error message if date is not valid.	Passed

Login Screen Interface

Condition/Function	Passed/Fail
Report error if user name is blank.	Passed
Report error if password is blank.	Passed
Report error if there are no administrators.	Passed
Report error if password is	Passed

wrong.	

Exit

Condition/Function	Passed/Fail
Exit Program	Passed

Logoff

Condition/Function	Passed/Fail
Logoff user.	Passed

Help Interface

Condition/Function	Passed/Fail
Get Help Menu	Passed

Test Database Connection

Condition/Function	Passed/Fail
Test Database Connection works. Reports error if database does not exist. Reports success if database exists.	Passed

About

Condition/Function	Passed/Fail
About window appears	Passed