

```
Imports Microsoft.Office.Interop
Imports UNIOBJECTSLib
Imports System.Net.Mail
Imports System.Configuration
Imports System.Data
Imports System.Data.SqlClient
```

```
Partial Class _Default
```

```
    Inherits System.Web.UI.Page
```

```
    Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
        Session("ServerX") = 1
        TextBox1.Text = "0366063"
        If Not IsPostBack Then
            Radiobuttonlist1.Visible = False
        End If
```

```
    End Sub
```

```
    Protected Sub List_Classes_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles List_Classes.Click
```

```
        Dim objSession
        Dim ServerX As Integer = 1
        Dim attempts As Integer = 0
        Dim ExceptionNotFound As Integer = 1
        Dim vTerm As String
```

```
        If Len(TextBox1.Text) = 0 Then
            Label1.Text = "You must enter your Faculty ID"
            Label1.Visible = True
            Return
        End If
```

```
        vTerm = DropDownList1.SelectedValue
```

```
        objSession = Server.CreateObject("Uniobjects.Unioaifctrl")
        objSession.UserName = MyConnect.User(Session("ServerX"))
        objSession.Password = MyConnect.Password(Session("ServerX"))
        objSession.Transport = MyConnect.Transport
        objSession.AccountPath = MyConnect.Account(Session("ServerX"))
        objSession.HostName = MyConnect.Host(Session("ServerX"))
```

```

objSession.Connect()

If objSession.IsActive Then

    Dim GetOrderData
    GetOrderData = objSession.Subroutine("C21.CLASS.ROSTER", 5)
    GetOrderData.SetArg(0, TextBox1.Text)
    GetOrderData.SetArg(1, vTerm)
    Try
        GetOrderData.Call()
    Catch ex As Exception
        'ExceptionNotFound = 0
        'Response.Write ( "An Error occurred when Default.aspx.vb running C21.CLASS.ROSTER!<br>")
        'Response.Write ( "Student ID Number " & Session("StuLoginID") & "<br>" )
        'Response.Write ( "Current Term " & Session("CurrentTerm") & "<br>" )
        'Response.Write( ex.Source )
        'Response.Write( ex.Message )
        'Response.Write( ex.StackTrace )
    End Try

    Dim vArray() As String = Split(GetOrderData.GetArg(2), "|")
    Label1.Text = GetOrderData.GetArg(3) + " " + GetOrderData.GetArg(4)
    Label1.Visible = True
    Dim vTestArray() As String = Split(vArray(0), "*")
    objSession.Disconnect()

    If vTestArray(0) = "X" Then
        Label3.Text = vTestArray(1)
        Label3.Visible = True
    Else
        Label3.Visible = False
        objSession.Disconnect()

        Dim dt As DataTable
        Dim dr As DataRow
        dt = New DataTable
        Dim i As Integer

        dt.Columns.Add(New DataColumn("SEC_NAME", GetType(String)))
        dt.Columns.Add(New DataColumn("TERM", GetType(String)))
        dt.Columns.Add(New DataColumn("SEC_ID", GetType(String)))
        dt.Columns.Add(New DataColumn("COURSE_NO", GetType(String)))

```

```

For i = 0 To vArray.Length - 1
    Dim vTitleArray() As String = Split(vArray(i), "*")
    dr = dt.NewRow()
    dr(0) = vTitleArray(0)      ' Section Name
    dr(1) = vTitleArray(1)      ' Term
    dr(2) = vTitleArray(2)      ' Course.Sections @ID
    dr(3) = vTitleArray(3)      ' Course No
    dt.Rows.Add(dr)
Next
DataGrid1.DataSource = New DataView(dt)
DataGrid1.DataBind()
DataGrid1.Visible = True
Radiobuttonlist1.Visible = True
Table1.Visible = False
Table2.Visible = True
End If

End If
End Sub

Protected Sub Display_SpreadSheet_Click(ByVal sender As Object, ByVal e As DataGridCommandEventArgs)

    Dim objSession
    Dim ServerX As Integer = 1
    Dim attempts As Integer = 0
    Dim ExceptionNotFound As Integer = 1
    Dim SCS_ID As Integer = CInt(e.Item.Cells(4).Text)
    Dim vCourse_Title As String
    Dim vSec_No As String
    Dim vSynonym As String
    Dim vSec_Name As String
    Dim vSec_Term As String

    objSession = Server.CreateObject("Uniobjects.Unioaifctrl")
    objSession.UserName = MyConnect.User(Session("ServerX"))
    objSession.Password = MyConnect.Password(Session("ServerX"))
    objSession.Transport = MyConnect.Transport
    objSession.AccountPath = MyConnect.Account(Session("ServerX"))
    objSession.HostName = MyConnect.Host(Session("ServerX"))
    objSession.Connect()

    If objSession.IsActive Then
        Dim GetOrderData

```

```

GetOrderData = objSession.Subroutine("C21.CLASS.ROSTER.2", 8)
GetOrderData.SetArg(0, SCS_ID)
GetOrderData.SetArg(1, Radiobuttonlist1.Selectedvalue)

Try
    GetOrderData.Call()
Catch ex As Exception
    'ExceptionNotFound = 0
    'Response.Write ( "An Error occurred when Default.aspx.vb running C21.CLASS.ROSTERS!<br>")
    'Response.Write ( "Student ID Number " & Session("StuLoginID") & "<br>" )
    'Response.Write ( "Current Term " & Session("CurrentTerm") & "<br>" )
    'Response.Write( ex.Source )
    'Response.Write( ex.Message )
    'Response.Write( ex.StackTrace )
End Try

Dim vArray() As String = Split(GetOrderData.GetArg(2), "|")
Dim vTestArray() As String = Split(vArray(0), "*")

vCourse_Title = GetOrderData.GetArg(3)
vSec_No = GetOrderData.GetArg(4)
vSynonym = GetOrderData.GetArg(5)
vSec_Name = GetOrderData.GetArg(6)
vSec_Term = GetOrderData.GetArg(7)

objSession.Disconnect()

If vTestArray(0) = "X" Then
    Label3.Text = vTestArray(1)
    Label3.Visible = True
Else
    Label3.Visible = False

    Dim vFirstName As String
    Dim vLastName As String
    Dim vID As String

    Dim vRow As Integer = 3

    Dim oXL As Excel.Application
    Dim oWB As Excel.Workbook
    Dim oSheet As Excel.Worksheet
    Dim oRng As Excel.Range

```

```

' Start Excel and get Application object.
oXL = CreateObject("Excel.Application")
oXL.Visible = False

' Get a new workbook.
oWB = oXL.Workbooks.Add
oSheet = oWB.ActiveSheet

' Add table headers going cell by cell.
oSheet.Cells(1, 1).Value = vCourse_Title
oSheet.Cells(2, 1).Value = vSec_Name
If Radiobuttonlist1.SelectedValue = 1 Then
    oSheet.Cells(2, 3) = "Active Students"
End If
If Radiobuttonlist1.SelectedValue = 2 Then
    oSheet.Cells(2, 3) = "Withdrawn Students"
End If
oSheet.Cells(2, 5).Value = Today
oSheet.Cells(2, 7).Value = vSec_Term
oSheet.Cells(3, 1).Value = "ID"
oSheet.Cells(3, 2).Value = "Last Name"
oSheet.Cells(3, 3).Value = "First Name "

oSheet.Cells(1, 1).EntireColumn.ColumnWidth = 10
oSheet.Cells(1, 2).EntireColumn.ColumnWidth = 15
oSheet.Cells(1, 3).EntireColumn.ColumnWidth = 15

'oRng = oSheet.Range("D2", "D6")
oSheet.Cells(1).EntireColumn.HorizontalAlignment = Excel.Constants.xlLeft

oRng = oSheet.Range("A1", "g1")
oRng.Select()
oRng.Font.Bold = True
oRng.Font.Name = "Arial"
oRng.Interior.ColorIndex = 19
oRng.Font.Size = 20

oRng = oSheet.Range("A2", "g2")
oRng.Select()
oRng.Font.Bold = True
oRng.Font.Name = "Arial"
oRng.Interior.ColorIndex = 19

```

```

oRng = oSheet.Range("A3", "g3")
oRng.Select()
oRng.Font.Bold = True
oRng.Font.Name = "Arial"
oRng.Interior.ColorIndex = 17
oRng.Borders(Excel.XlBordersIndex.xlEdgeBottom).Weight = Excel.Constants.xlMaximum

```

```
' Examples
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```

'oRng.Borders.Weight = 6
'oRng.Borders.LineStyle = Excel.Constants.xlSolid
'oRng.Cells.RowHeight = 38
'oRng.Font.Size = 10
'oRng.WrapText = true

```

```
Dim i As Integer
```

```
For i = 0 To vArray.Length - 1
```

```
    Dim vTitleArray() As String = Split(vArray(i), "*")
```

```

    vRow = vRow + 1
    vID = vTitleArray(0)
    vFirstName = vTitleArray(2)
    vLastName = vTitleArray(1)

```

```

    oSheet.Cells(vRow, 1).Value = vID
    oSheet.Cells(vRow, 2).Value = vLastName
    oSheet.Cells(vRow, 3).Value = vFirstName

```

```
Next
```

```
' Sort by Last Name, First Name
```

```

oRng = oSheet.Range("A4", "C" & oSheet.UsedRange.Rows.Count)
oRng.Range("C" & oSheet.UsedRange.Rows.Count).Activate()
oRng.Sort(Key1:=oRng.Range("B4"), Order1:=Excel.XlSortOrder.xlAscending, _
    Key2:=oRng.Range("C4"), Order2:=Excel.XlSortOrder.xlAscending, Header:=Excel.XlYesNoGuess.xlNo, _
    OrderCustom:=1, MatchCase:=False, Orientation:=Excel.XlSortOrientation.xlSortColumns, _
    DataOption1:=Excel.XlSortDataOption.xlSortNormal)

```

```
oRng = oSheet.Range("E5")
```

```
oRng.Select()
```

```
' Make sure Excel is visible and give the user control
```

```
' of Excel's lifetime.  
oXL.UserControl = True  
oXL.Visible = True
```

```
End If
```

```
End If
```

```
End Sub
```

```
Protected Sub Start_Over_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Start_Over.Click
```

```
Table2.Visible = False
```

```
Table1.Visible = True
```

```
DataGrid1.Visible = False
```

```
Label1.Visible = False
```

```
Radiobuttonlist1.SelectedValue = 1
```

```
'MsgBox(Radiobuttonlist1.SelectedItem.Value)
```

```
End Sub
```

```
End Class
```