LOGIN

Public Class Login

Private Sub Form1\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

Call vbconnection()

End Sub

Private Sub btnlogin\_Click(sender As Object, e As EventArgs) Handles btnlogin.Click

Try

If con.State = ConnectionState.Closed Then

con.Open()

End If

Dim sql As String = "SELECT userID, uname, roleName FROM vw\_user WHERE uname = ? AND pw = ?"

Dim cmd As New Odbc.OdbcCommand(sql, con)

With cmd.Parameters

.AddWithValue("?", Trim(txtun.Text))

.AddWithValue("?", Trim(txtpw.Text))

End With

Using dr As Odbc.OdbcDataReader = cmd.ExecuteReader()

If dr.Read() Then

Dim uname As String = dr("uname").ToString()

Dim role As String = dr("roleName").ToString()

MessageBox.Show("Welcome, " & uname & " (" & role & ")")

Select Case role

Case "Admin"

Admin.Show()

Case "Faculty"

Faculty.Show()

Case "Student"

'StudentDashboard.Show()

Case Else

MessageBox.Show("Role not recognized.")

End Select

Me.Hide()

Else

MessageBox.Show("Invalid username or password.", "Login Failed", MessageBoxButtons.OK, MessageBoxIcon.Error)

End If

End Using

Catch ex As Exception

MessageBox.Show("Error: " & ex.Message)

Finally

con.Close()

GC.Collect()

End Try

End Sub

End Class

Public Class frmUserManagement

Private Sub frmUserManagement\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

dgvLoader("SELECT fullName, uname, pw, roleName, deptName FROM vw\_user\_fixed", dgvuser)

End Sub

Private Sub txtsearch\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtsearch.KeyPress

dgvLoader("SELECT \* FROM vw\_user\_fixed WHERE fullName LIKE '%" & Trim(txtsearch.Text) & "%'", dgvuser)

End Sub

Private Sub btnDept\_Click(sender As Object, e As EventArgs) Handles btnDept.Click

ContextMenuStrip1.Show(btnDept, 0, btnDept.Height)

End Sub

' Modified dgvLoader to accept SQL and target datagridview

Private Sub dgvLoader(sql As String, dgv As DataGridView)

Try

con.Open()

Dim adapt As New Odbc.OdbcDataAdapter(sql, con)

Dim dt As New DataTable

adapt.Fill(dt)

dgv.DataSource = Nothing

dgv.DataSource = dt

adapt.Dispose()

Catch ex As Exception

MessageBox.Show("Error loading data: " & ex.Message)

Finally

con.Close()

End Try

End Sub

Private Sub ToolStripMenuItem1\_Click(sender As Object, e As EventArgs) Handles ToolStripMenuItem1.Click

Dim sql As String = "SELECT \* FROM vw\_user\_fixed WHERE deptName = 'BSIT'"

dgvLoader(sql, dgvuser)

End Sub

Private Sub ToolStripMenuItem2\_Click(sender As Object, e As EventArgs) Handles ToolStripMenuItem2.Click

Dim sql As String = "SELECT \* FROM vw\_user\_fixed WHERE deptName = 'BSHM'"

dgvLoader(sql, dgvuser)

End Sub

Public Sub RefreshUsers()

dgvLoader("SELECT fullName, uname, pw, roleName, deptName FROM vw\_user\_fixed", dgvuser)

End Sub

End Class