**Login Form**

Imports System.Data.OleDb

Public Class frmLogin

Dim match As Boolean = False

Dim UserType As String

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Populate Logins Table in DataSet Function \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Private Sub populateLogins()

Dim LogQuery As String = "SELECT \* FROM Users"

LBAdapter.SelectCommand = New OleDbCommand(LogQuery, LBConn)

LBAdapter.Fill(dsLB, "Logins")

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Validate Login Function\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Private Sub validateLogin()

Try

For i = 0 To dsLB.Tables("Logins").Rows.Count - 1

If txtUsername.Text = dsLB.Tables("Logins").Rows(i).Item(0) And txtPassword.Text = dsLB.Tables("Logins").Rows(i).Item(1) And UserType.ToUpper() = dsLB.Tables("Logins").Rows(i).Item(2) Then

match = True

passIndex = i

End If

Next

Catch ex As Exception

End Try

If match = True Then

MsgBox("Welcome to the Digital Logbook", , "Login Success")

currentUser = txtUsername.Text

txtUsername.Clear()

txtPassword.Clear()

Else

MsgBox("Invalid Credentials, Please re-enter", , "Login Fail")

txtUsername.Focus()

End If

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Login Form Load \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

LBConn.Open()

cmbUser.SelectedIndex = 0

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Login Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

populateLogins()

'------------------Teacher Selected------------------

If cmbUser.SelectedIndex = 0 Then

UserType = "TR"

validateLogin()

If match = True Then

frmViewEntries.Show()

Me.Hide()

End If

'--------------Technician Selected----------------

ElseIf cmbUser.SelectedIndex = 1 Then

UserType = "TN"

validateLogin()

If match = True Then

frmTechnician.Show()

Me.Hide()

End If

'--------------Administrator Selected--------------

Else

UserType = "AR"

validateLogin()

If match = True Then

frmAdminStart.Show()

Me.Hide()

End If

End If

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Password Change Selected \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

populateLogins()

For i = 0 To dsLB.Tables("Logins").Rows.Count - 1

Try

If txtUsername.Text = dsLB.Tables("Logins").Rows(i).Item(0) And txtPassword.Text = dsLB.Tables("Logins").Rows(i).Item(1) Then

match = True

passIndex = i

End If

Catch ex As Exception

End Try

Next

If match = True Then

MsgBox("Welcome to the Digital Logbook", , "Login Success")

currentUser = txtUsername.Text

frmPassChange.Show()

txtUsername.Clear()

txtPassword.Clear()

Me.Hide()

Else

MsgBox("Invalid Credentials, Please re-enter", , "Login Fail")

txtUsername.Focus()

End If

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Exit \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

dsLB.Tables("Logins").Rows.Clear()

Catch ex As Exception

End Try

LBConn.Close()

Me.Close()

End Sub

End Class