**Log Fault Form**

Imports System.Data.OleDb

Public Class frmLogFault

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Log Fault Form Load \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

lblFaultDate.Text = System.DateTime.Now.ToString()

lblLogged.Text = currentUser

'-----------Populate RoomCount table in DataSet-------------

Dim RoomNoQuery As String = "SELECT \* FROM [Room Count]"

LBAdapter.SelectCommand = New OleDbCommand(RoomNoQuery, LBConn)

LBAdapter.Fill(dsLB, "RoomCount")

'------------Populate Room Number Combo Box-----------------

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

cmbRoomNo.Items.Add(dsLB.Tables("RoomCount").Rows(i).Item(0))

Next

cmbRoomNo.SelectedIndex = 0

cmbCompNo.SelectedIndex = 0

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Room No combo box changed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Private Sub cmbRoomNo\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles cmbRoomNo.SelectedIndexChanged

Try

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

cmbCompNo.Items.Clear()

Catch ex As Exception

End Try

'----------------Populate Computers table in DataSet-----------------

Dim CompNameQuery As String = "SELECT \* FROM Computers WHERE Name LIKE '%" + cmbRoomNo.Text + "%'"

LBAdapter.SelectCommand = New OleDbCommand(CompNameQuery, LBConn)

LBAdapter.Fill(dsLB, "Computers")

'----------------Populate Computer Number Combo Box------------------

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

cmbCompNo.Items.Add(dsLB.Tables("Computers").Rows(i).Item(1))

Next

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Log Fault Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

If txtFaultDesc.Text <> "" Then

Dim UnResQuery As String = "SELECT \* FROM FaultBook"

LBAdapter.SelectCommand = New OleDbCommand(UnResQuery, LBConn)

LBAdapter.Fill(dsLB, "Unresolved")

Dim rowNumber As Int16 = dsLB.Tables("Unresolved").Rows.Count

Dim faultRow As DataRow

faultRow = dsLB.Tables("Unresolved").NewRow()

'-------------------Insert into DataSet---------------------

faultRow.Item("FaultNumber") = rowNumber + 1

faultRow.Item("FaultDate") = lblFaultDate.Text

faultRow.Item("RoomNumber") = cmbRoomNo.Text

faultRow.Item("ComputerNumber") = cmbCompNo.Text

faultRow.Item("Description") = txtFaultDesc.Text

faultRow.Item("Username") = lblLogged.Text

faultRow.Item("TechNote") = "N/A"

dsLB.Tables("Unresolved").Rows.Add(faultRow)

'------------------Insert into DataSource-------------------

Dim builder As New OleDb.OleDbCommandBuilder(LBAdapter)

LBAdapter.Update(dsLB.Tables("Unresolved"))

'------------------Update Fault Count-------------------

Dim UpdateRoomQuery As String = "UPDATE [Room Count] SET [TotalFaults] = [TotalFaults] + 1 WHERE [RoomName] = '" & cmbRoomNo.Text & "'"

Dim cmdUpdateStatus As OleDbCommand = New OleDbCommand(UpdateRoomQuery, LBConn)

cmdUpdateStatus.ExecuteNonQuery()

MsgBox(txtFaultDesc.Text + " has been added to the database.", , "Update Confirmation")

txtFaultDesc.Clear()

cmbRoomNo.SelectedIndex = 0

cmbCompNo.SelectedIndex = 0

Else

MsgBox("Please enter a fault description")

txtFaultDesc.Focus()

End If

End Sub

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

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

Try

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

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

Catch ex As Exception

End Try

frmViewEntries.Show()

Me.Close()

End Sub

End Class