**Resolve Form**

Imports System.Data.OleDb

Public Class frmResolve

Dim selected As Boolean

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Resolve Form Load \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

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

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

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

Catch ex As Exception

End Try

'-----------Populate Unresolved table in Dataset--------------

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

LBAdapter.SelectCommand = New OleDbCommand(UnResQuery, LBConn)

LBAdapter.Fill(dsLB, "Unresolved")

'-----------Populate Resolved table in Dataset--------------

Dim ResQuery As String = "SELECT \* FROM Resolved"

LBAdapter.SelectCommand = New OleDbCommand(ResQuery, LBConn)

LBAdapter.Fill(dsLB, "ResolvedFaults")

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

Dim CompNameQuery As String = "SELECT \* FROM Computers"

LBAdapter.SelectCommand = New OleDbCommand(CompNameQuery, LBConn)

LBAdapter.Fill(dsLB, "Computers")

'----------------Populate Select Computer Combo Box------------------

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

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

If dsLB.Tables("Computers").Rows(j).Item(1) = dsLB.Tables("Unresolved").Rows(i).Item(3) Then

cmbSelComp.Items.Add(dsLB.Tables("Computers").Rows(j).Item(1))

End If

Next

Next

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Select Computer combo box changed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

selected = True

'---------------Populate Details of Fault-------------------

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

If cmbSelComp.Text = dsLB.Tables("Unresolved").Rows(i).Item(3) Then

With dsLB.Tables("Unresolved").Rows(i)

lblFaultDate.Text = .Item(1)

lblRoomNum.Text = .Item(2)

lblComputerNum.Text = .Item(3)

lblDescription.Text = .Item(4)

lblUsername.Text = .Item(5)

lblTechNote.Text = .Item(6)

End With

End If

Next

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Repair Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Dim rowNumber As Int16 = dsLB.Tables("ResolvedFaults").Rows.Count - 1

Dim nextKeyValue As Int16 = dsLB.Tables("ResolvedFaults").Rows(rowNumber).Item(0) + 1

If selected = True Then

Dim answer = MsgBox("Are you sure you want to mark " & cmbSelComp.Text & " as repaired?", vbYesNo + vbQuestion, "Are you sure?")

If answer = vbYes Then

'----Insert into Resolved Database Table----

Dim InsertQuery As String = "INSERT INTO [Resolved] VALUES (" & nextKeyValue & ", '" & lblFaultDate.Text & "', '" & lblRoomNum.Text & "', '" & lblComputerNum.Text & "', '" & lblDescription.Text & "', '" & lblUsername.Text & "', '" & lblTechNote.Text & "')"

Dim cmdInsert As OleDbCommand = New OleDbCommand(InsertQuery, LBConn)

'----Delete from FaultBook Database Table----

Dim DeleteQuery As String = "DELETE FROM [FaultBook] WHERE [ComputerNumber] = '" & cmbSelComp.Text & "'"

Dim cmdDelete As OleDbCommand = New OleDbCommand(DeleteQuery, LBConn)

cmdInsert.ExecuteNonQuery()

cmdDelete.ExecuteNonQuery()

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

Dim UpdateRoomQuery As String = "UPDATE [Room Count] SET [TotalFaults] = [TotalFaults]" & -1 & " WHERE [RoomName] LIKE '%" & cmbSelComp.Text & "%'"

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

cmdUpdateStatus.ExecuteNonQuery()

MsgBox("The Repair has been Successfully Logged", , "Repair Success")

Try

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

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

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

lblFaultDate.Text = ""

lblRoomNum.Text = ""

lblComputerNum.Text = ""

lblDescription.Text = ""

lblUsername.Text = ""

lblTechNote.Text = ""

Catch ex As Exception

End Try

Else

MsgBox("Repair cancelled", , "Cancel Repair")

Try

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

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

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

Catch ex As Exception

End Try

End If

End If

End Sub

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

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

Me.Close()

frmTechnician.Show()

End Sub

End Class