**Technician Form**

Imports System.Data.OleDb

Public Class frmTechnician

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Clear Tables in DataSet \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Private Sub clearDatasetTables()

Try

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

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

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

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

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

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

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

Catch ex As Exception

End Try

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Technician Form Load \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

cmbView.SelectedIndex = 0

'--------------Populate All Faults table in Dataset------------

Dim AllQuery As String = "(SELECT \* FROM Resolved) UNION ALL (SELECT \* FROM FaultBook)"

LBAdapter.SelectCommand = New OleDbCommand(AllQuery, LBConn)

LBAdapter.Fill(dsLB, "AllFaults")

'-----------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, "Resolved")

'-----------Populate RoomCount table in Dataset----------------

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

LBAdapter.SelectCommand = New OleDbCommand(RoomNoQuery, LBConn)

LBAdapter.Fill(dsLB, "RoomCount")

'------------Populate Computers table in Dataset----------------

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

LBAdapter.SelectCommand = New OleDbCommand(CompNameQuery, LBConn)

LBAdapter.Fill(dsLB, "Computers")

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* View combo box changed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

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

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

cmbSelRoom.Items.Clear()

cmbSelComp.Items.Clear()

Catch ex As Exception

End Try

lblSerialNum.Text = ""

lblManu.Text = ""

lblModel.Text = ""

'----View All----

If cmbView.SelectedIndex = 0 Then

cmbSelRoom.Visible = False

cmbSelComp.Visible = False

grdTech.DataSource = dsLB.Tables("AllFaults")

'----View Unresolved----

ElseIf cmbView.SelectedIndex = 1 Then

cmbSelRoom.Visible = False

cmbSelComp.Visible = False

grdTech.DataSource = dsLB.Tables("Unresolved")

'----View Resolved----

ElseIf cmbView.SelectedIndex = 2 Then

cmbSelRoom.Visible = False

cmbSelComp.Visible = False

grdTech.DataSource = dsLB.Tables("Resolved")

'----View By Room----

ElseIf cmbView.SelectedIndex = 3 Then

cmbSelRoom.Visible = True

cmbSelComp.Visible = False

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

'\*\*\* Populate Room Name Combo Box \*\*\*

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

If dsLB.Tables("RoomCount").Rows(j).Item(0) = dsLB.Tables("Unresolved").Rows(i).Item(2) Then

cmbSelRoom.Items.Add(dsLB.Tables("RoomCount").Rows(j).Item(0))

End If

Next

Next

'----View By Computer----

Else

cmbSelRoom.Visible = False

cmbSelComp.Visible = True

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

'\*\*\* Populate Computer Name Combo Box \*\*\*

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 If

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* By Room combo box changed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

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

grdTech.Refresh()

Catch ex As Exception

End Try

Dim RoomFaultQuery As String = "SELECT \* FROM FaultBook WHERE RoomNumber = '" & cmbSelRoom.Text & "'"

LBAdapter.SelectCommand = New OleDbCommand(RoomFaultQuery, LBConn)

LBAdapter.Fill(dsLB, "RoomFaults")

grdTech.DataSource = dsLB.Tables("RoomFaults")

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* By Computer combo box changed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

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

grdTech.Refresh()

Catch ex As Exception

End Try

Dim PCFaultQuery As String = "SELECT \* FROM FaultBook WHERE ComputerNumber = '" & cmbSelComp.Text & "'"

LBAdapter.SelectCommand = New OleDbCommand(PCFaultQuery, LBConn)

LBAdapter.Fill(dsLB, "ComputerFaults")

grdTech.DataSource = dsLB.Tables("ComputerFaults")

'-----Populate Computer Details-----

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

If cmbSelComp.Text = dsLB.Tables("Computers").Rows(i).Item(1) Then

lblSerialNum.Text = dsLB.Tables("Computers").Rows(i).Item(0)

lblManu.Text = dsLB.Tables("Computers").Rows(i).Item(2)

lblModel.Text = dsLB.Tables("Computers").Rows(i).Item(3)

End If

Next

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* View Inactive Faults Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

clearDatasetTables()

frmInactive.Show()

Me.Close()

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* View Fault Count Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

clearDatasetTables()

frmRoomFaults.Show()

Me.Close()

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Update Status Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

clearDatasetTables()

frmStatus.Show()

Me.Close()

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Mark as Repaired Button Pressed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

clearDatasetTables()

frmResolve.Show()

Me.Close()

End Sub

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

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

clearDatasetTables()

Me.Close()

Application.Restart()

End Sub

End Class