**Admin Edit Computers Form**

Imports System.Data.OleDb

Public Class frmAdminComp

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Edit Computers Form Load \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

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

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

LBAdapter.SelectCommand = New OleDbCommand(CompNameQuery, LBConn)

cmbSelFunc.SelectedIndex = 0

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Select Computer Function \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

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

cmbSelComp.Items.Clear()

txtSerial.Text = ""

txtMan.Text = ""

txtCompModel.Text = ""

Catch ex As Exception

End Try

LBAdapter.Fill(dsLB, "ComputerDetails")

'--------------------Populate Computer Name Combo Box----------------------

Try

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

cmbSelComp.Items.Add(dsLB.Tables("ComputerDetails").Rows(i).Item(1))

Next

Catch ex As Exception

End Try

'---------Add-------------

If cmbSelFunc.SelectedIndex = 0 Then

cmbSelComp.Visible = False

txtCompName.Visible = True

txtSerial.Visible = True

txtMan.Visible = True

txtCompModel.Visible = True

txtCompName.Focus()

'---------Remove------------

ElseIf cmbSelFunc.SelectedIndex = 1 Then

cmbSelComp.Visible = True

txtCompName.Visible = False

txtSerial.Visible = False

txtMan.Visible = False

txtCompModel.Visible = False

'---------Modify-------------

Else

cmbSelComp.Visible = True

txtCompName.Visible = True

txtSerial.Visible = True

txtMan.Visible = True

txtCompModel.Visible = True

End If

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Select Computer \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

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

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

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

txtCompName.Text = dsLB.Tables("ComputerDetails").Rows(i).Item(1)

txtSerial.Text = dsLB.Tables("ComputerDetails").Rows(i).Item(0)

txtMan.Text = dsLB.Tables("ComputerDetails").Rows(i).Item(2)

txtCompModel.Text = dsLB.Tables("ComputerDetails").Rows(i).Item(3)

End If

Next

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Update Computer Details \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

'---------------------Add-------------------------

If cmbSelFunc.SelectedIndex = 0 Then

Dim insertCompquery As String = "INSERT INTO [Computers] VALUES ('" & txtSerial.Text & "', '" & txtCompName.Text & "', '" & txtMan.Text & "', '" & txtCompModel.Text & "')"

Dim cmdCompInsert As OleDbCommand = New OleDbCommand(insertCompquery, LBConn)

Dim answer = MsgBox("Add Computer?", vbYesNo + vbQuestion, "Confirm Add?")

If answer = vbYes Then

cmdCompInsert.ExecuteNonQuery()

MsgBox("Computer Successfully Added")

txtSerial.Text = ""

txtMan.Text = ""

txtCompModel.Text = ""

'---Update corresponding room---

Dim ComputerNumQuery As String = "SELECT [NumComputers] FROM [Room Count] WHERE [RoomName] LIKE '%" & txtCompName.Text & "%'"

LBAdapter.SelectCommand = New OleDbCommand(ComputerNumQuery, LBConn)

LBAdapter.Fill(dsLB, "RoomDetails")

Try

Dim compCount = dsLB.Tables("RoomDetails").Rows(0).Item(0)

Dim updateRoomquery As String = "UPDATE [Room Count] SET NumComputers = " & compCount + 1 & "WHERE [RoomName] Like '%" & txtCompName.Text & "%'"

Dim cmdUpdateRoomInsert As OleDbCommand = New OleDbCommand(updateRoomquery, LBConn)

cmdUpdateRoomInsert.ExecuteNonQuery()

Catch ex As Exception

End Try

Else

MsgBox("Add computer cancelled")

End If

'-------------------Remove-----------------------

ElseIf cmbSelFunc.SelectedIndex = 1 Then

'---Remove Computer from Database---

Dim deleteCompquery As String = "DELETE FROM [Computers] WHERE [Name] = '" & cmbSelComp.Text & "'"

Dim cmdCompDelete As OleDbCommand = New OleDbCommand(deleteCompquery, LBConn)

Dim answer = MsgBox("Delete Computer?", vbYesNo + vbQuestion, "Confirm Delete?")

If answer = vbYes Then

cmdCompDelete.ExecuteNonQuery()

MsgBox("Computer Successfully Deleted")

'---Update corresponding room---

Dim ComputerNumQuery2 As String = "SELECT [NumComputers] FROM [Room Count] WHERE [RoomName] LIKE '%" & cmbSelComp.Text & "%'"

LBAdapter.SelectCommand = New OleDbCommand(ComputerNumQuery2, LBConn)

LBAdapter.Fill(dsLB, "RoomDetails")

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

Dim cmdUpdateRoomInsert As OleDbCommand = New OleDbCommand(updateRoomquery, LBConn)

cmdUpdateRoomInsert.ExecuteNonQuery()

Else

MsgBox("Delete cancelled")

End If

'---------------------Modify----------------------

Else

Dim ModifyCompquery As String = "UPDATE [Computers] SET [Name] = '" & txtCompName.Text & "', [SerialNo] = '" & txtSerial.Text & "', [Manufacturer] = '" & txtMan.Text & "', [Model] = '" & txtCompModel.Text & "' WHERE [Name] = '" & cmbSelComp.Text & "'"

Dim cmdModifyComp As OleDbCommand = New OleDbCommand(ModifyCompquery, LBConn)

Dim answer2 = MsgBox("Update Computer Details?", vbYesNo + vbQuestion, "Confirm Update?")

If answer2 = vbYes Then

cmdModifyComp.ExecuteNonQuery()

MsgBox("Computer Successfully Updated")

txtSerial.Text = ""

txtMan.Text = ""

txtCompModel.Text = ""

Else

MsgBox("Update cancelled")

End If

End If

'--Update Dataset Tables After Edit--

Try

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

LBAdapter.Fill(dsLB, "ComputerDetails")

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

LBAdapter.Fill(dsLB, "RoomCount")

Catch ex As Exception

End Try

End Sub

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

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

Me.Close()

frmAdminStart.Show()

End Sub

End Class