**Admin Edit Computer Rooms Form**

Imports System.Data.OleDb

Public Class frmAdminRoom

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* On Administrator Form Load \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

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

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

LBAdapter.SelectCommand = New OleDbCommand(RoomNoQuery, LBConn)

cmbSelFunc.SelectedIndex = 0

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Select Room Function combo box changed \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Try

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

cmbSelRoom.Items.Clear()

txtRoomName.Text = ""

txtNumComps.Text = ""

Catch ex As Exception

End Try

LBAdapter.Fill(dsLB, "RoomCount")

'---------------------Populate Room Name Combo Box-------------------------

Try

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

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

Next

Catch ex As Exception

End Try

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

If cmbSelFunc.SelectedIndex = 0 Then

cmbSelRoom.Visible = False

txtRoomName.Visible = True

txtNumComps.Visible = True

txtRoomName.Focus()

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

ElseIf cmbSelFunc.SelectedIndex = 1 Then

cmbSelRoom.Visible = True

txtRoomName.Visible = False

txtNumComps.Visible = False

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

Else

cmbSelRoom.Visible = True

txtRoomName.Visible = True

txtNumComps.Visible = True

End If

End Sub

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

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

'-----Populate Room Details-----

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

If cmbSelRoom.Text = dsLB.Tables("RoomCount").Rows(i).Item(0) Then

txtRoomName.Text = dsLB.Tables("RoomCount").Rows(i).Item(0)

txtNumComps.Text = dsLB.Tables("RoomCount").Rows(i).Item(1)

End If

Next

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Update Room Details \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

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

If cmbSelFunc.SelectedIndex = 0 Then

MsgBox("Option currently unavailable")

'Dim insertRoomquery As String = "INSERT INTO [Room Count] VALUES ('" & txtRoomName.Text & "', " & txtNumComps.Text & ")"

'Dim cmdRoomInsert As OleDbCommand = New OleDbCommand(insertRoomquery, LBConn)

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

'If answer = vbYes Then

'Try

'cmdRoomInsert.ExecuteNonQuery()

'MsgBox("Room has been added to the database.", , "Room Added Successfully")

'txtRoomName.Text = ""

'txtNumComps.Text = ""

'Catch ex As Exception

'End Try

'Else

'MsgBox("Add Room cancelled")

'End If

'Dim iterations As Int16 = txtNumComps.Text

'----Link to Computer Section----

'For i = 0 To iterations

'Try

'frmAdminComp.Show()

'Catch ex As Exception

'End Try

'Next

'MsgBox("Computers have been added to the database.", , "Computers Added Successfully")

'frmAdminComp.Close()

'Me.Show()

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

ElseIf cmbSelFunc.SelectedIndex = 1 Then

'---Remove Room and corresponding computers from Database---

Dim deleteRoomquery As String = "DELETE FROM [Room Count] WHERE [RoomName] = '" & cmbSelRoom.Text & "'"

Dim cmdRoomDelete As OleDbCommand = New OleDbCommand(deleteRoomquery, LBConn)

Dim deletePCsquery As String = "DELETE FROM [Computers] WHERE [Name] LIKE '%" & cmbSelRoom.Text & "%'"

Dim cmdPCsDelete As OleDbCommand = New OleDbCommand(deletePCsquery, LBConn)

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

If answer = vbYes Then

cmdRoomDelete.ExecuteNonQuery()

cmdPCsDelete.ExecuteNonQuery()

MsgBox("Room Successfully Deleted")

txtRoomName.Text = ""

txtNumComps.Text = ""

Else

MsgBox("Delete cancelled")

End If

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

Else

'Dim CompNoQuery As String = "SELECT \* FROM [Room Count] WHERE [RoomName] = '" & cmbSelRoom.Text & "'"

'LBAdapter.SelectCommand = New OleDbCommand(CompNoQuery, LBConn)

'LBAdapter.Fill(dsLB, "CompNum")

'Dim compNo As Int16 = Convert.ToInt16(dsLB.Tables("CompNum").Rows(0).Item(1))

Dim updateRoomquery As String = "UPDATE [Room Count] SET [RoomName] = '" & txtRoomName.Text & "', [NumComputers] = " & txtNumComps.Text & " WHERE [RoomName] = '" & cmbSelRoom.Text & "'"

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

Dim answer3 = MsgBox("Update Room Details?", vbYesNo + vbQuestion, "Confirm Update?")

If answer3 = vbYes Then

cmdUpdateRoom.ExecuteNonQuery()

MsgBox("Room Successfully Updated")

'----Link to Computers Form----

Else

MsgBox("Update cancelled")

End If

End If

'--Update Dataset Tables After Edit--

Try

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

LBAdapter.Fill(dsLB, "RoomCount")

Catch ex As Exception

End Try

End Sub

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* View Entries \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Private Sub btnViewEntries\_Click(sender As Object, e As EventArgs)

Me.Close()

frmViewEntries.Show()

End Sub

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

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

Me.Close()

Application.Restart()

End Sub

End Class