' Michael Voell

' Sports League Baseball Team

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' Purpose: To show the information of a sports league and compare information.

Option Strict On

Public Class frmBaseballTeam

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

Me.Validate()

Me.TeamBindingSource.EndEdit()

Me.TableAdapterManager.UpdateAll(Me.LittleleagueDataSet)

End Sub

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

'TODO: This line of code loads data into the 'LittleleagueDataSet.Team' table. You can move, or remove it, as needed.

Try

Me.TeamTableAdapter.Fill(Me.LittleleagueDataSet.Team)

Catch ex As Exception

MsgBox("Could not establish connection to database. Please try again.", , "Database Error")

Close()

End Try

End Sub

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

' Select / Connecting to database

Dim strSQL As String = "SELECT \* FROM Team"

Dim strPath As String = "Provider=Microsoft.ACE.OLEDB.12.0;" & "Data Source=E:\Advanced VB\SportsLeagueBaseballTeam\SportsLeagueBaseballTeam\littleleague.accdb"

Dim odaSportsLeague As New OleDb.OleDbDataAdapter(strSQL, strPath)

Dim datSportsLeagueFill As New DataTable

odaSportsLeague.Fill(datSportsLeagueFill)

odaSportsLeague.Dispose()

'Calculations

Dim intAge12 As Integer

Dim intAge13 As Integer

Dim intAge14 As Integer

Dim intCount As Integer = 0

Dim decAgeAverage As Decimal

Dim decAverageTotal As Decimal

' Calculating Average Age

For intCount = 0 To datSportsLeagueFill.Rows.Count - 1

decAgeAverage = decAgeAverage + Convert.ToDecimal(datSportsLeagueFill.Rows(intCount)("Age"))

Next

' Average Calculation

decAverageTotal = decAgeAverage / datSportsLeagueFill.Rows.Count

' Outputting Average Age

lblAverageAge.Visible = True

lblAverageAge.Text = "Average Age: " & decAverageTotal.ToString("f1") & " Years"

End Sub

End Class

