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'Login screen for FAMS application - verifies username and password,
'opens frmMainMenu and hides itself.
'Written by Bill Blackley
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'Last written 9/7/05

Imports System.Net

Public Class frmLogin
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    'Verifies user is authorised and logs them in. Also, sends IP Address
    'of computer that the user logs in on to staff.localIPAddress attribute
    Private Sub cmdLogin_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        Handles cmdLogin.Click

            Try

                'Makes sure user enters username and password
                If (txtUsername.Text <> "" AndAlso txtPassword.Text <> "") Then

                    'Open FAMSDB Database connection
                    FAMSDBConnection.Open()

                    'Return the DataSet to it's original state
                    StaffDataSet.Reset()

                    'create SQL query to find record of staff member
                    'if it exists
                    staffDataAdapter.SelectCommand.CommandText = _
                    "SELECT * FROM Staff WHERE Username = '" & _
                    txtUsername.Text & "' AND Password = '" & _
                    txtPassword.Text & "'"

                    'Fill StaffDataSet with rows resulting from query
                    staffDataAdapter.Fill(StaffDataSet)

                    'Put results of query into datatable with which to work
                    Dim datatable As DataTable = StaffDataSet.Tables(0)

                    'If staff member is found in the database load frmMainMenu,
                    'send IP Address of local machine to Staff.localIPAddress attribute
                    'of Staff table in FAMSDB and hide Login window
                    If datatable.Rows.Count <> 0 Then
                        'Open Main Menu
                        Dim winMainMenu As New frmMainMenu
                        winMainMenu.Show()

                        'create Update Command to update Staff.localIPAddress attribute
                        staffDataAdapter.UpdateCommand.CommandText = "UPDATE Staff" & _
                        " SET localIPAddress = '" & GetIPAddress() & "'" & _
                        "WHERE StaffNo = '" & Convert.ToString(datatable.Rows(0)(0)) & _
                        "'"

                        'Execute Update Command
                        staffDataAdapter.UpdateCommand.ExecuteNonQuery()

                        'Hide Login Window
                        Me.Hide()

                        'Close FAMSDB Database connection
                        FAMSDBConnection.Close()

                    Else
                        'Close FAMSDB Database connection
                        FAMSDBConnection.Close()

                        MessageBox.Show("User Not Found", "Warning", MessageBoxButtons.OK,
                        MessageBoxIcon.Warning)

                    End If
                Else
            End Sub
End Class
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'Display error message if username and password aren't entered
    MessageBox.Show("Must Enter Username and Password", "Error",
    MessageBoxButtons.OK, MessageBoxIcon.Error)

    End If

    Catch ex As Exception
        MessageBox.Show(ex.ToString())

    End Try
End Sub 'cmdLogin_Click

'Gets the IP Address of the computer that the user logs in at
Public Shared Function GetIPAddress() As String
    Dim IPAddress As String = Dns.GetHostByName(Dns.GetHostName).AddressList(0).
    ToString()
    Return IPAddress
End Function 'GetIPAddress

End Class 'frmLogin
```