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1 Imports ADODB
2 Imports System.IO
3
4 Module dbConnection
5     Public conn As New ADODB.Connection
6     Public rs As New ADODB.Recordset
7     Public lvi As ListViewItem
8
9     Public Sub Connection()
10         'On Error GoTo Err
11         If conn.State = ObjectStateEnum.adStateOpen Then conn.Close()
12         conn.ConnectionString = "Driver=MySQL ODBC 8.0 Unicode
13         Driver;Server=Localhost;Port=3306;Database=usersdb;UID=root;PWD=1234567;Option
14         =3;"
15         conn.ConnectionTimeout = 5
16         conn.CursorLocation = CursorLocationEnum.adUseClient
17         conn.Open()
18         Exit Sub
19
20 Err:
21     MsgBox(Err.Description, MsgBoxStyle.Information + MsgBoxStyle.Critical)
22     End Sub
23
24     Public Sub OpenRecord(ByVal sql As String)
25         'On Error GoTo Err
26         If rs.State = ObjectStateEnum.adStateOpen Then rs.Close()
27         rs.Open(sql, conn, CursorTypeEnum.adOpenDynamic, LockTypeEnum.adLockOptimistic
28         )
29         Exit Sub
30
31 Err:
32     MsgBox(Err.Description, MsgBoxStyle.Information)
33     End Sub
34
35     Public Function ImageToBase64(ByVal image As Image, ByVal format As
36     System.Drawing.Imaging.ImageFormat) As String
37         Using ms As New MemoryStream()
38             ' Convert Image to byte[]
39             image.Save(ms, format)
40             Dim imageBytes As Byte() = ms.ToArray() ' Convert byte[] to Base64 String
41             Dim base64String As String = Convert.ToBase64String(imageBytes)
42             Return base64String
43         End Using
44     End Function
45
46     Public Function Base64ToImage(ByVal base64String As String) As Image
47         ' Convert Base64 String to byte[]
48         Dim imageBytes As Byte() = Convert.FromBase64String(base64String)
49         Dim ms As New MemoryStream(imageBytes, 0, imageBytes.Length)
50
51         ' Convert byte[] to Image
52         ms.Write(imageBytes, 0, imageBytes.Length)
53         Dim ConvertedBase64Image As Image = Image.FromStream(ms, True)
54         Return ConvertedBase64Image
55     End Function
56 End Module

```