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1 Imports System.IO
2 Imports System.Text.RegularExpressions
3 Imports Guna.UI2.WinForms
4 Imports MySql.Data.MySqlClient
5
6 Public Class loginform
7     Dim myconn As New MySqlConnection("Data
8         Source=localhost;userid=root;password=12345678;database = library")
9     Private Sub Guna2ToggleSwitch1_CheckedChanged(sender As Object, e As
10         EventArgs) Handles Guna2ToggleSwitch1.CheckedChanged
11         If Guna2ToggleSwitch1.Checked Then
12             Guna2TextBox2.UseSystemPasswordChar = False
13             Guna2TextBox2.PasswordChar = ""
14         Else
15             Guna2TextBox2.UseSystemPasswordChar = True
16         End If
17     End Sub
18
19     Private Sub Guna2GradientButton2_Click(sender As Object, e As
20         EventArgs) Handles Guna2GradientButton2.Click
21         Guna2Panel1.Visible = False
22         Guna2Panel2.Visible = True
23     End Sub
24
25     Private Sub Guna2GradientButton4_Click(sender As Object, e As
26         EventArgs) Handles Guna2GradientButton4.Click
27         Guna2Panel1.Visible = True
28         Guna2Panel2.Visible = False
29         Guna2TextBox7.Clear()
30         Guna2TextBox6.Clear()
31         Guna2TextBox5.Clear()
32         Guna2TextBox3.Clear()
33         Guna2TextBox4.Clear()
34         If Guna2PictureBox1.Image IsNot Nothing Then
35             Guna2PictureBox1.Image.Dispose()
36         End If
37         Guna2PictureBox1.Image = Nothing
38     End Sub
39
40     Private Sub Guna2GradientButton1_Click(sender As Object, e As
41         EventArgs) Handles Guna2GradientButton1.Click
42         Try
43             If Guna2TextBox1.Text = "" Or Guna2TextBox2.Text = "" Then
44                 MsgBox("Username or password cannot be empty.",
45                     MsgBoxStyle.Exclamation, "Warning")
46             Else
47                 myconn.Open()
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44      Using cmd As New MySqlCommand("SELECT * FROM account WHERE
      username = @username", myconn)
45      cmd.Parameters.AddWithValue("@username",
      Guna2TextBox1.Text)
46      Dim reader As MySqlDataReader = cmd.ExecuteReader()
47      If reader.Read() Then
48          If Guna2TextBox2.Text = reader("password") Then
49              Guna2TextBox2.Clear()
50              Me.Hide()
51              mainform.Show()
52              Loanbooks.check_defaulter()
53
54          Else
55              MsgBox("Your username or password is
      incorrect.", MsgBoxStyle.Exclamation, "Warning")
56          End If
57          Else
58              MsgBox("Your username or password is incorrect.",
      MsgBoxStyle.Exclamation, "Warning")
59          End If
60          myconn.Close()
61      End Using
62
63      End If
64      Catch ex As Exception
65          MsgBox(ex.Message)
66          myconn.Close()
67      End Try
68
69
70  End Sub
71
72  Private Sub Guna2Button5_Click(sender As Object, e As EventArgs)
      Handles Guna2Button5.Click
73      Dim filePath As String
74      Dim ofd As New OpenFileDialog()
75      ofd.Filter = "Images(.jpg, .png)|.png; *.jpg"
76      If ofd.ShowDialog() = DialogResult.OK Then
77          filePath = ofd.FileName
78          Guna2PictureBox1.Image = New Bitmap(filePath)
79      End If
80  End Sub
81  Private Function AccountFields()
82      AccountFields = False
83      Dim minLength As Integer = 8
84      Dim maxLength As Integer = 15
85      Dim username As String = Guna2TextBox5.Text
86      Dim pass As String = Guna2TextBox6.Text
87      If Guna2TextBox3.Text = "" Or String.IsNullOrEmpty

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(Guna2TextBox3.Text) Then
88     MsgBox("Firstname cannot be empty.", MsgBoxStyle.Exclamation,
           "Warning")
89     Guna2TextBox3.Focus()
90 ElseIf Guna2TextBox4.Text = "" Or String.IsNullOrEmpty
           (Guna2TextBox4.Text) Then
91     MsgBox("Lastname cannot be empty.", MsgBoxStyle.Exclamation,
           "Warning")
92     Guna2TextBox4.Focus()
93 ElseIf Guna2TextBox5.Text = "" Or String.IsNullOrEmpty
           (Guna2TextBox5.Text) Then
94     MsgBox("Username cannot be empty.", MsgBoxStyle.Exclamation,
           "Warning")
95     Guna2TextBox5.Focus()
96 ElseIf Guna2TextBox6.Text = "" Or String.IsNullOrEmpty
           (Guna2TextBox6.Text) Then
97     MsgBox("Password cannot be empty.", MsgBoxStyle.Exclamation,
           "Warning")
98     Guna2TextBox6.Focus()
99 ElseIf Guna2TextBox6.Text <> Guna2TextBox7.Text Then
100    MsgBox("Password did not match.", MsgBoxStyle.Exclamation,
           "Warning")
101    Guna2TextBox6.Focus()
102    Guna2TextBox7.Focus()
103 ElseIf username.Length < minLength Or username.Length > maxLength
           Then
104    MessageBox.Show("Username must be 8 to 15 characters.",
           "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
105    Guna2TextBox5.Focus()
106 ElseIf Not Regex.IsMatch(Guna2TextBox5.Text, "\d.*\d") Then
107    MessageBox.Show("Please choose a stronger username. Try a mix
           of letters, numbers, and symbols.", "Warning",
           MessageBoxButtons.OK, MessageBoxIcon.Warning)
108    Guna2TextBox5.Focus()
109 ElseIf pass.Length < minLength Or pass.Length > maxLength Then
110    MessageBox.Show("Password must be 8 to 15 characters.",
           "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
111    Guna2TextBox6.Focus()
112 ElseIf Not Regex.IsMatch(Guna2TextBox6.Text, "\d.*\d") Then
113    MessageBox.Show("Please choose a stronger password. Try a mix
           of letters, numbers, and symbols.", "Warning",
           MessageBoxButtons.OK, MessageBoxIcon.Warning)
114    Guna2TextBox6.Focus()
115 ElseIf Guna2PictureBox1.Image Is Nothing Then
116    MessageBox.Show("User picture cannot be empty.", "Warning",
           MessageBoxButtons.OK, MessageBoxIcon.Warning)
117    Guna2PictureBox1.Focus()
118 Else
119     Return True
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120     End If
121 End Function
122 Private Sub Guna2GradientButton3_Click(sender As Object, e As EventArgs) Handles Guna2GradientButton3.Click
123     If AccountFields() = False Then
124         Exit Sub
125     End If
126     Try
127         If ValidateTableData("SELECT * FROM account WHERE Username = ' " & Guna2TextBox5.Text & "'") = True Then
128             MsgBox("Username already exist.", MsgBoxStyle.Exclamation, "Warning")
129             Exit Sub
130         Else
131             myconn.Open()
132             Dim cmd As New MySqlCommand("INSERT INTO account (Firstname,Lastname,Username>Password,Pic) VALUES (@Firstname,@Lastname,@Username,@Password,@Pic)", myconn)
133             Try
134                 Dim ms As New MemoryStream
135                 Guna2PictureBox1.Image.Save(ms, Guna2PictureBox1.Image.RawFormat)
136                 cmd.Parameters.AddWithValue("@Firstname", Guna2TextBox3.Text)
137                 cmd.Parameters.AddWithValue("@Lastname", Guna2TextBox4.Text)
138                 cmd.Parameters.AddWithValue("@Username", Guna2TextBox5.Text)
139                 cmd.Parameters.AddWithValue("@Password", Guna2TextBox6.Text)
140                 cmd.Parameters.AddWithValue("@Pic", ms.ToArray())
141                 cmd.ExecuteNonQuery()
142                 MsgBox("Account Created Successfully", MsgBoxStyle.Information, "Create Account")
143                 myconn.Close()
144             Catch ex As Exception
145                 MsgBox(ex.Message)
146             End Try
147         End If
148         Guna2Panel1.Visible = True
149         Guna2Panel2.Visible = False
150         Guna2TextBox7.Clear()
151         Guna2TextBox6.Clear()
152         Guna2TextBox5.Clear()
153         Guna2TextBox3.Clear()
154         Guna2TextBox4.Clear()
155         If Guna2PictureBox1.Image IsNot Nothing Then
156             Guna2PictureBox1.Image.Dispose()
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157         End If
158         Guna2PictureBox1.Image = Nothing
159     Catch ex As Exception
160         MsgBox(ex.Message)
161         myconn.Close()
162     End Try
163
164 End Sub
165
166 Private Sub Guna2ToggleSwitch2_CheckedChanged(sender As Object, e As EventArgs) Handles Guna2ToggleSwitch2.CheckedChanged
167     If Guna2ToggleSwitch2.Checked Then
168         Guna2TextBox6.UseSystemPasswordChar = False
169         Guna2TextBox6.PasswordChar = ""
170         Guna2TextBox7.UseSystemPasswordChar = False
171         Guna2TextBox7.PasswordChar = ""
172     Else
173         Guna2TextBox6.UseSystemPasswordChar = True
174         Guna2TextBox7.UseSystemPasswordChar = True
175     End If
176 End Sub
177
178 Private Sub Label1_Click(sender As Object, e As EventArgs) Handles Label1.Click
179
180 End Sub
181
182 Private Sub Guna2TextBox3_KeyPress(sender As Object, e As KeyPressEventArgs) Handles Guna2TextBox3.KeyPress
183     If Not Char.IsLetter(e.KeyChar) AndAlso e.KeyChar <> " "c AndAlso Not Char.IsControl(e.KeyChar) Then
184         e.Handled = True
185     End If
186 End Sub
187
188 Private Sub Guna2TextBox4_KeyPress(sender As Object, e As KeyPressEventArgs) Handles Guna2TextBox4.KeyPress
189     If Not Char.IsLetter(e.KeyChar) AndAlso e.KeyChar <> " "c AndAlso Not Char.IsControl(e.KeyChar) Then
190         e.Handled = True
191     End If
192 End Sub
193 End Class
194
```