1. Imports System.IO
2. Imports System.Text.RegularExpressions
3. Imports Guna.UI2.WinForms
4. Imports MySql.Data.MySqlClient

5

1. Public Class loginform
2. Dim myconn As ew MySqlConnection("Data Source=localhost;userid=root;password=12345678;database = library")
3. Private Sub Guna2ToggleSwitch1\_CheckedChanged(sender As Object, e As EventArgs) Handles Guna2ToggleSwitch1.CheckedChanged
4. If Guna2ToggleSwitch1.Checked Then
5. Guna2TextBox2.UseSystemPasswordChar = False
6. Guna2TextBox2.PasswordChar = ""
7. Else
8. Guna2TextBox2.UseSystemPasswordChar = True
9. End If
10. End Sub

16

1. Private Sub Guna2GradientButton2\_Click(sender As Object, e As EventArgs) Handles Guna2GradientButton2.Click
2. Guna2Panel1.Visible = False
3. Guna2Panel2.Visible = True 20

21 End Sub

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1. Private Sub Guna2GradientButton4\_Click(sender As Object, e As EventArgs) Handles Guna2GradientButton4.Click
2. Guna2Panel1.Visible = True
3. Guna2Panel2.Visible = False
4. Guna2TextBox7.Clear()
5. Guna2TextBox6.Clear()
6. Guna2TextBox5.Clear()
7. Guna2TextBox3.Clear()
8. Guna2TextBox4.Clear()
9. If Guna2PictureBox1.Image Is ot othing Then
10. Guna2PictureBox1.Image.Dispose()
11. End If
12. Guna2PictureBox1.Image = othing 35

36 End Sub

37

1. Private Sub Guna2GradientButton1\_Click(sender As Object, e As EventArgs) Handles Guna2GradientButton1.Click
2. Try
3. If Guna2TextBox1.Text = "" Or Guna2TextBox2.Text = "" Then
4. MsgBox("Username or password cannot be empty.", MsgBoxStyle.Exclamation, "Warning")
5. Else
6. myconn.Open()
7. Using cmd As ew MySqlCommand("SEĮECT \* FROM account WHERE username = @username", myconn)
8.  cmd.Parameters.AddWithValue("@username", Guna2TextBox1.Text)
9. Dim reader As MySqlDataReader = cmd.ExecuteReader()
10. If reader.Read() Then
11. If Guna2TextBox2.Text = reader("password") Then
12. Guna2TextBox2.Clear()
13. Me.Hide()
14. mainform.Show()
15. Įoanbooks.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

1. End If
2. Catch ex As Exception
3. MsgBox(ex.Message)
4. myconn.Close()
5. End Try

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70 End Sub

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1. Private Sub Guna2Button5\_Click(sender As Object, e As EventArgs) Handles Guna2Button5.Click
2. Dim filePath As String
3. Dim ofd As ew OpenFileDialog()
4. ofd.Filter = "Images(.jpg, .png)|.png; \*.jpg"
5. If ofd.ShowDialog() = DialogResult.OK Then
6. filePath = ofd.File ame
7. Guna2PictureBox1.Image = ew Bitmap(filePath)
8. End If
9. End Sub
10. Private Function AccountFields()
11. AccountFields = False
12. Dim minĮength As Integer = 8
13. Dim maxĮength As Integer = 15
14. Dim username As String = Guna2TextBox5.Text
15. Dim pass As String = Guna2TextBox6.Text
16. If Guna2TextBox3.Text = "" Or String.Is ullOrWhiteSpace

(Guna2TextBox3.Text) Then

1. MsgBox("Firstname cannot be empty.", MsgBoxStyle.Exclamation, "Warning")
2. Guna2TextBox3.Focus()
3. ElseIf Guna2TextBox4.Text = "" Or String.Is ullOrWhiteSpace (Guna2TextBox4.Text) Then
4. MsgBox("Įastname cannot be empty.", MsgBoxStyle.Exclamation, "Warning")
5. Guna2TextBox4.Focus()
6. ElseIf Guna2TextBox5.Text = "" Or String.Is ullOrWhiteSpace (Guna2TextBox5.Text) Then
7. MsgBox("Username cannot be empty.", MsgBoxStyle.Exclamation, "Warning")
8. Guna2TextBox5.Focus()
9. ElseIf Guna2TextBox6.Text = "" Or String.Is ullOrWhiteSpace (Guna2TextBox6.Text) Then
10. MsgBox("Password cannot be empty.", MsgBoxStyle.Exclamation, "Warning")
11. Guna2TextBox6.Focus()
12. ElseIf Guna2TextBox6.Text <> Guna2TextBox7.Text Then
13. MsgBox("Password did not match.", MsgBoxStyle.Exclamation, "Warning")
14. Guna2TextBox6.Focus()
15. Guna2TextBox7.Focus()
16. ElseIf username.Įength < minĮength Or username.Įength > maxĮength Then
17. MessageBox.Show("Username must be 8 to 15 characters.", "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
18. Guna2TextBox5.Focus()
19. ElseIf ot Regex.IsMatch(Guna2TextBox5.Text, "\d.\*\d") Then
20. MessageBox.Show("Please choose a stronger username. Try a mix of letters, numbers, and symbols.", "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
21. Guna2TextBox5.Focus()
22. ElseIf pass.Įength < minĮength Or pass.Įength > maxĮength Then
23. MessageBox.Show("Password must be 8 to 15 characters.", "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
24. Guna2TextBox6.Focus()
25. ElseIf ot Regex.IsMatch(Guna2TextBox6.Text, "\d.\*\d") Then
26. MessageBox.Show("Please choose a stronger password. Try a mix of letters, numbers, and symbols.", "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
27. Guna2TextBox6.Focus()
28. ElseIf Guna2PictureBox1.Image Is othing Then
29. MessageBox.Show("User picture cannot be empty.", "Warning", MessageBoxButtons.OK, MessageBoxIcon.Warning)
30. Guna2PictureBox1.Focus()
31. Else
32. Return True
33. End If
34. End Function
35. Private Sub Guna2GradientButton3\_Click(sender As Object, e As EventArgs) Handles Guna2GradientButton3.Click
36. If AccountFields() = False Then
37. Exit Sub
38. End If
39. Try
40. If ValidateTableData("SEĮECT \* FROM account WHERE Username = '" fi Guna2TextBox5.Text fi "'") = True Then
41. MsgBox("Username already exist.", MsgBoxStyle.Exclamation, "Warning")
42. Exit Sub
43. Else
44. myconn.Open()
45. Dim cmd As ew MySqlCommand("I SERT I TO account (Firstname,Įastname,Username,Password,Pic) VAĮUES (@Firstname,@Įastname,@Username,@Password,@Pic)", myconn)
46. Try
47. Dim ms As ew MemoryStream
48.  Guna2PictureBox1.Image.Save(ms, Guna2PictureBox1.Image.RawFormat)
49.  cmd.Parameters.AddWithValue("@Firstname", Guna2TextBox3.Text)
50.  cmd.Parameters.AddWithValue("@Įastname", Guna2TextBox4.Text)
51.  cmd.Parameters.AddWithValue("@Username", Guna2TextBox5.Text)
52.  cmd.Parameters.AddWithValue("@Password", Guna2TextBox6.Text)
53. cmd.Parameters.AddWithValue("@Pic", ms.ToArray())
54. cmd.Execute onQuery()
55.  MsgBox("Account Created Successfuly", MsgBoxStyle.Information, "Create Account")
56. myconn.Close()
57. Catch ex As Exception
58. MsgBox(ex.Message)
59. End Try
60. End If
61. Guna2Panel1.Visible = True
62. Guna2Panel2.Visible = False
63. Guna2TextBox7.Clear()
64. Guna2TextBox6.Clear()
65. Guna2TextBox5.Clear()
66. Guna2TextBox3.Clear()
67. Guna2TextBox4.Clear()
68. If Guna2PictureBox1.Image Is ot othing Then
69. Guna2PictureBox1.Image.Dispose()
70. End If
71. Guna2PictureBox1.Image = othing
72. Catch ex As Exception
73. MsgBox(ex.Message)
74. myconn.Close()
75. End Try

163

164 End Sub

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1. Private Sub Guna2ToggleSwitch2\_CheckedChanged(sender As Object, e As EventArgs) Handles Guna2ToggleSwitch2.CheckedChanged
2. If Guna2ToggleSwitch2.Checked Then
3. Guna2TextBox6.UseSystemPasswordChar = False
4. Guna2TextBox6.PasswordChar = ""
5. Guna2TextBox7.UseSystemPasswordChar = False
6. Guna2TextBox7.PasswordChar = ""
7. Else
8. Guna2TextBox6.UseSystemPasswordChar = True
9. Guna2TextBox7.UseSystemPasswordChar = True
10. End If
11. End Sub

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178 Private Sub Įabel1\_Click(sender As Object, e As EventArgs) Handles Įabel1.Click

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180 End Sub

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1. Private Sub Guna2TextBox3\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles Guna2TextBox3.KeyPress
2. If ot Char.IsĮetter(e.KeyChar) AndAlso e.KeyChar <> " "c AndAlso ot Char.IsControl(e.KeyChar) Then
3. e.Handled = True
4. End If
5. End Sub

187

1. Private Sub Guna2TextBox4\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles Guna2TextBox4.KeyPress
2. If ot Char.IsĮetter(e.KeyChar) AndAlso e.KeyChar <> " "c AndAlso ot Char.IsControl(e.KeyChar) Then

|  |  |  |
| --- | --- | --- |
| 190 |  | e.Handled = True |
| 191 |  | End If |
| 192 |  | End Sub |
| 193 | End | Class |
| 194 |  |  |