Assignment-8

Q 1. Create a user profile web form in asp.net by using CSS and skin file and use proper form validation.

UserProfileForm.aspx: -

```
<%@ Page Language="vb" AutoEventWireup="false"
CodeBehind="UserProfileForm.aspx.vb"
Inherits="UserProfileAssi8.UserProfileForm" StylesheetTheme="Skin1"%>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>User Profile</title>
    <link rel="stylesheet" href="StyleSheet1.css" />
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.6.0/css/all.min.css" integrity="sha512-
Kc323vGBEqzTmouAECnVceyQqyqdsSiqLQISBL29aUW4U/M7pSPA/gEUZQqv1cwx4OnYxT
xve5UMg5GT6L4JJg==" crossorigin="anonymous" referrerpolicy="no-
referrer" />
</head>
<body>
    <div id="box">
        <div id="head">
            <i class="fa-solid fa-user icon"></i>
             <h1 id="heading">User Profile</h1>
        </div>
        <form id="form1" runat="server">
            <asp:ScriptManager ID="ScriptManager1" runat="server" />
            <div>
                <asp:Label ID="Label1" runat="server" Text="ID"
class="text"></asp:Label><br />
                <asp:TextBox ID="TextBox1"
runat="server"></asp:TextBox>
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server" ErrorMessage="ID is
Required field" ControlToValidate="TextBox1" Display="Dynamic"
ForeColor="Red">*</asp:RequiredFieldValidator>
            </div>
            <div>
                <asp:Label ID="Label2" runat="server" Text="Name"
class="text"></asp:Label><br />
                <asp:TextBox ID="TextBox2"
runat="server"></asp:TextBox>
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server" ErrorMessage="Name should
not be empty" ControlToValidate="TextBox2" Display="Dynamic"
ForeColor="Red">*</asp:RequiredFieldValidator>
                <asp:RegularExpressionValidator
ID="RegularExpressionValidator2" runat="server" ErrorMessage="Name
should contain only letters" ValidationExpression="^[a-zA-Z]+$"
ControlToValidate="TextBox2"
Display="Dynamic"></asp:RegularExpressionValidator>
```

Name: Mansi Prasad

```aspx
                    </div>
                    <div>
                        <asp:Label ID="Label6" runat="server" Text="Age"
class="text"></asp:Label><br />
                        <asp:TextBox ID="TextBox6"
runat="server"></asp:TextBox>
                        <asp:RequiredFieldValidator
ID="RequiredFieldValidator4" runat="server" ErrorMessage="Age is
reqired" Display="Dynamic" ForeColor="Red"
ControlToValidate="TextBox6">*</asp:RequiredFieldValidator>
                        <asp:RangeValidator ID="RangeValidator1"
runat="server" ErrorMessage="Age is not in range" Display="Dynamic"
ForeColor="Red" ControlToValidate="TextBox6" MaximumValue="60"
MinimumValue="18" Type="Integer"></asp:RangeValidator>
                    </div>
                    <div>
                        <asp:Label ID="Label3" runat="server" Text="Email"
class="text"></asp:Label><br />
                        <asp:TextBox ID="TextBox3"
runat="server"></asp:TextBox>
                        <asp:RequiredFieldValidator
ID="RequiredFieldValidator3" runat="server" ErrorMessage="Email is
required" ControlToValidate="TextBox3" Display="Dynamic"
ForeColor="Red">*</asp:RequiredFieldValidator>
                        <asp:RegularExpressionValidator
ID="RegularExpressionValidator1" runat="server" ErrorMessage="Invalid
Email" ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-
.]\w+)*" ControlToValidate="TextBox3"
ForeColor="Red"></asp:RegularExpressionValidator>
                    </div>
                    <div>
                        <asp:Label ID="Label5" runat="server" Text="Password"
class="text"></asp:Label><br />
                        <asp:TextBox ID="TextBox5"
runat="server"></asp:TextBox>
                        <asp:RequiredFieldValidator
ID="RequiredFieldValidator5" runat="server" ErrorMessage="Password is
required" ControlToValidate="TextBox5" Display="Dynamic"
ForeColor="Red">*</asp:RequiredFieldValidator>
                        <asp:CustomValidator ID="CustomValidator1"
runat="server" ErrorMessage="Invalid password must be less than 15 and
greater than 8 character long"
OnServerValidate="CustomValidator1_ServerValidate"
ForeColor="Red"></asp:CustomValidator>
                    </div>
                    <div>
                        <asp:Label ID="Label7" runat="server"
Text="ComparePassword" class="text"></asp:Label><br />
                        <asp:TextBox ID="TextBox7"
runat="server"></asp:TextBox>
                        <asp:RequiredFieldValidator
ID="RequiredFieldValidator6" runat="server" ErrorMessage="Password is
Required " ControlToValidate="TextBox7" Display="Dynamic"
ForeColor="Red">*</asp:RequiredFieldValidator>
```

Name: Mansi Prasad

```asp
                <asp:CompareValidator ID="CompareValidator1"
runat="server" ErrorMessage="Password not matched with previous one"
Display="Dynamic" ForeColor="Red" ControlToValidate="TextBox7"
ControlToCompare="TextBox5"></asp:CompareValidator>
            </div>
            <div>
                <asp:Label ID="Label4" runat="server" Text="Phone"
class="text"></asp:Label><br />
                <asp:TextBox ID="TextBox4"
runat="server"></asp:TextBox>
                <asp:RequiredFieldValidator
ID="RequiredFieldValidator7" runat="server" ErrorMessage="Phone is
required" Display="Dynamic" ForeColor="Red"
ControlToValidate="TextBox4">*</asp:RequiredFieldValidator>
                <asp:RegularExpressionValidator
ID="RegularExpressionValidator3" runat="server" ErrorMessage="phone
must have only 10 digits" ForeColor="Red"
ValidationExpression="^\d{10}$"
ControlToValidate="TextBox4"></asp:RegularExpressionValidator>
            </div>
            <asp:Button ID="Button1" runat="server" Text="Submit"
OnClick="Button1_Click" />
        </form>
    </div>
</body>
</html>
```

UserProfileForm.aspx.vb: -

```vbnet
Public Class UserProfileForm
    Inherits System.Web.UI.Page
    Protected Sub CustomValidator1_ServerValidate(source As Object,
args As ServerValidateEventArgs)
        Dim len = args.Value.Length
        If (len >= 8 And len <= 15) Then
            args.IsValid = True
        Else
            args.IsValid = False
        End If
    End Sub

    Protected Sub Button1_Click(sender As Object, e As EventArgs)
        MsgBox("Your id: " & TextBox1.Text & vbNewLine & "Name: " &
TextBox2.Text & vbNewLine & "Age: " & TextBox6.Text & vbNewLine &
"Email: " & TextBox3.Text & vbNewLine & " Password: " & TextBox5.Text
& vbNewLine & "Phone: " & TextBox4.Text)
    End Sub
End Class
```

Skin1.skin: -

```
<asp:Label runat="server" Text="Label" ForeColor="#FF0066"
></asp:Label>
  <asp:TextBox  runat="server" BackColor="#99FFCC" Height="50px"
Width="430px" BorderStyle="None" style="color: White; font-size:22px;
"></asp:TextBox>
```

StyleSheet1.css: -

```
body {
    margin:0;
    padding:0;
}
#box {
    border: 1px solid black;
    border-radius: 0 50px 0 50px;
    padding: 20px;
    position: relative;
    left: 35%;
    width: 27vw;
    box-shadow: 5px 10px #7EC8E3;
}

    #box #Button1 {
        width: 97%;
        border: none;
        padding: 15px;
        background-color: #FF0066;
        border-radius: 15px;
        color: white;
        font-size: 20px;
    }
#box .text{
    font-size:18px;
}
#box #heading {
        color: #FF0066;
        text-align:center;

}
#box #head{
    display:flex;
    align-items:center;
    justify-content:center;
}
#box #head .icon {
  color: #FF0066;
  font-size:50px;
  margin-right:20px;
}
```

Name: Mansi Prasad

Output: -

User Profile

ID

ID is Required field

Name

Name should not be empty

Age

Age is reqired

Email

Email is required

Password

Password is required

ComparePassword

Password is Required

Phone

Phone is required

Submit

User Profile

ID

1

Name

ewrw3322

Name should contain only letters

Age

70

Age is not in range

Email

mk123@fdf.

Invalid Email

Password

123333

ComparePassword

3211111

Password not matched with previous one

Phone

954648907

phone must have only 10 digits

Submit

Name: Mansi Prasad

👤 User Profile

ID

1

Name

Mansi

Age

45

Email

mansi09852@gmail.com

Password

@647

ComparePassword

@647

Phone

9546489077

Submit

UserProfileAssi8 ✕

Your id: 1
Name: Mansi
Age: 45
Email: mansi09852@gmail.com
 Password: @647
Phone: 9546489077

OK

Name: Mansi Prasad