

Experiment 4

AIM: Create web application using ASP.Net Web Controls

Code:

WebForm1.aspx

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="WebApplication4.WebForm1" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
```

```
  <title>Registration Form</title>
```

```
  <style>
```

```
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f9;
      color: #333;
      margin: 0;
      padding: 20px;
    }
```

```
    h2 {
      text-align: center;
      color: #4CAF50;
    }
```

```
    form {
      max-width: 600px;
      margin: 0 auto;
      padding: 20px;
      background-color: #fff;
      border: 1px solid #ddd;
      border-radius: 5px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
```

```
    label {
      font-weight: bold;
      display: block;
      margin-bottom: 5px;
    }
```

```
    input[type="text"],
    input[type="password"],
    textarea,
    select {
      width: 100%;
      padding: 10px;
      margin-bottom: 15px;
      border: 1px solid #ccc;
      border-radius: 4px;
    }
```

```
textarea {
    resize: vertical;
}

select {
    cursor: pointer;
}

input[type="file"] {
    margin-top: 10px;
}

input[type="checkbox"],
input[type="radio"] {
    margin-right: 10px;
}

button, input[type="submit"], input[type="button"] {
    width: 100%;
    padding: 10px;
    background-color: #4CAF50;
    border: none;
    color: white;
    font-size: 16px;
    cursor: pointer;
    border-radius: 4px;
}

button:hover, input[type="submit"]:hover, input[type="button"]:hover {
    background-color: #45a049;
}

.radio-list, .listbox {
    margin-bottom: 15px;
}

.calendar {
    margin-top: 15px;
}

a {
    color: #4CAF50;
    text-decoration: none;
}

a:hover {
    text-decoration: underline;
}

#SubmittedSection {
    margin-top: 30px;
}

label[visible="false"] {
    display: none;
}
```

```

</style>
</head>
<body>
    <form id="form1" runat="server" enctype="multipart/form-data">
        <div>
            <h2>Registration Form</h2>

            <asp:Label ID="lbName" runat="server" Text="Name:"></asp:Label>
            <asp:TextBox ID="TextBoxName" runat="server"></asp:TextBox>

            <asp:Label ID="LabelEmail" runat="server" Text="Email:"></asp:Label>
            <asp:TextBox ID="TextBoxEmail" runat="server"></asp:TextBox>

            <asp:Label ID="LabelPassword" runat="server"
Text="Password:"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>

            <asp:Label ID="LabelRating" runat="server" Text="Semester (1 to
5):"></asp:Label>
            <asp:DropDownList ID="DropDownListRating" runat="server">
                <asp:ListItem Value="1">Sem 1</asp:ListItem>
                <asp:ListItem Value="2">Sem 2</asp:ListItem>
                <asp:ListItem Value="3">Sem 3</asp:ListItem>
                <asp:ListItem Value="4">Sem 4</asp:ListItem>
                <asp:ListItem Value="5">Sem 5</asp:ListItem>
            </asp:DropDownList>

            <asp:Label ID="LabelComments" runat="server" Text="Tell me about
yourself:"></asp:Label>
            <asp:TextBox ID="TextBoxComments" runat="server" TextMode="MultiLine"
Rows="5" Columns="40"></asp:TextBox>

            <asp:Label ID="LabelAttachment" runat="server" Text="Upload CV
(optional):"></asp:Label>
            <asp:FileUpload ID="FileUploadAttachment" runat="server" />
            <br />

            <asp:Label ID="LabelFeedbackType" runat="server"
Text="Branch:"></asp:Label>
            <asp:RadioButtonList ID="RadioButtonListFeedbackType" runat="server">
                <asp:ListItem Value="Computer">Computer</asp:ListItem>
                <asp:ListItem Value="Mechanical">Mechanical</asp:ListItem>
                <asp:ListItem Value="Civil">Civil</asp:ListItem>
            </asp:RadioButtonList>

            <asp:Label ID="LabelFeedbackTopics" runat="server" Text="Career Options:"
/>
            <br />
            <asp:ListBox ID="ListBoxFeedbackTopics" runat="server"
SelectionMode="Multiple" Height="100px" Width="200px">
                <asp:ListItem Text="Website Developer" Value="Website Developer" />
                <asp:ListItem Text="Customer Developer" Value="App Developer" />
                <asp:ListItem Text="Product Manager" Value="Product Manager" />
                <asp:ListItem Text="Cyber" Value="Cyber" />
                <asp:ListItem Text="Other" Value="Other" />

```

```

        </asp:ListBox>

        <br />
        <asp:Label ID="LabelDateOfPurchase" runat="server" Text="Date of
Graduation:"></asp:Label>
        <asp:Calendar ID="CalendarDateOfPurchase" runat="server"></asp:Calendar>

        <asp:CheckBox ID="CheckBoxTerms" runat="server" Text="I agree to the " />
        <asp:HyperLink ID="HyperLinkTerms" runat="server" Text="Terms and
Conditions" NavigateUrl="https://www.example.com" />

        <asp:Button ID="ButtonSubmit" runat="server" Text="Submit Feedback"
OnClick="ButtonSubmit_Click" />

        <asp:Label ID="LabelSubmittedName" runat="server" Text="Name:"
Visible="false" />
        <asp:Label ID="SubmittedName" runat="server" Visible="false" />
        <asp:Label ID="LabelSubmittedEmail" runat="server" Text="Email:"
Visible="false" />
        <asp:Label ID="SubmittedEmail" runat="server" Visible="false" />
        <asp:Label ID="LabelSubmittedRating" runat="server" Text="Sem:"
Visible="false" />
        <asp:Label ID="SubmittedRating" runat="server" Visible="false" />
        <br />
        <asp:Label ID="LabelSubmittedComments" runat="server" Text="About:"
Visible="false" />
        <asp:Label ID="SubmittedComments" runat="server" Visible="false" />
        <br />
        <asp:Label ID="LabelSubmittedAttachment" runat="server" Text="CV:"
Visible="false" />
        <asp:Label ID="SubmittedAttachment" runat="server" Visible="false" />
        <br />
        <asp:Label ID="LabelSubmittedFeedbackType" runat="server" Text="Branch:"
Visible="false" />
        <asp:Label ID="SubmittedFeedbackType" runat="server" Visible="false" />
        <br />
        <asp:Label ID="LabelSubmittedFeedbackTopics" runat="server" Text="Career
Options:" Visible="false" />
        <asp:Label ID="SubmittedFeedbackTopics" runat="server" Visible="false" />
        <br />
        <asp:Label ID="LabelSubmittedDateOfPurchase" runat="server" Text="Date of
Graduation:" Visible="false" />
        <asp:Label ID="SubmittedDateOfPurchase" runat="server" Visible="false" />
    </div>
</form>
</body>
</html>

```

WebForm1.aspx.cs

```

using System;
using System.Linq;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace WebApplication4
{

```

```
public partial class WebForm1 : Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            ToggleVisibility(false);
            CalendarDateOfPurchase.SelectedDate = DateTime.Now;
        }
    }

    protected void ButtonSubmit_Click(object sender, EventArgs e)
    {
        SubmittedName.Text = TextBoxName.Text;
        SubmittedEmail.Text = TextBoxEmail.Text;
        SubmittedRating.Text = DropDownListRating.SelectedItem.Text;
        SubmittedComments.Text = TextBoxComments.Text;
        SubmittedFeedbackType.Text =
RadioButtonListFeedbackType.SelectedItem.Text;
        SubmittedDateOfPurchase.Text =
CalendarDateOfPurchase.SelectedDate.ToShortDateString();
        if (FileUploadAttachment.HasFile){
            SubmittedAttachment.Text = FileUploadAttachment.FileName;
        }
        else{
            SubmittedAttachment.Text = "No attachment uploaded";
        }
        SubmittedFeedbackTopics.Text = string.Join(", ",
ListBoxFeedbackTopics.Items.Cast<ListItem>().Where(i => i.Selected).Select(i =>
i.Text));
        ToggleVisibility(true);}

    private void ToggleVisibility(bool isVisible){
        LabelSubmittedName.Visible = isVisible;
        SubmittedName.Visible = isVisible;
        LabelSubmittedEmail.Visible = isVisible;
        SubmittedEmail.Visible = isVisible;
        LabelSubmittedRating.Visible = isVisible;
        SubmittedRating.Visible = isVisible;
        LabelSubmittedComments.Visible = isVisible;
        SubmittedComments.Visible = isVisible;
        LabelSubmittedAttachment.Visible = isVisible;
        SubmittedAttachment.Visible = isVisible;
        LabelSubmittedFeedbackType.Visible = isVisible;
        SubmittedFeedbackType.Visible = isVisible;
        LabelSubmittedFeedbackTopics.Visible = isVisible;
        SubmittedFeedbackTopics.Visible = isVisible;
        LabelSubmittedDateOfPurchase.Visible = isVisible;
        SubmittedDateOfPurchase.Visible = isVisible;
    }
}
```

Output:

Registration Form

Name:

Email:

Password:

Semester (1 to 5):

Tell me about yourself:

Upload CV (optional): No file chosen

Branch:

☐ Computer

☐ Mechanical

☐ Civil

Career Options:

Date of Graduation:

October 2024						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

☐ I agree to the Terms and Conditions

Submit Feedback

Registration Form

Name:

Email:

Password:

Semester (1 to 5):

Tell me about yourself:

Upload CV (optional): No file chosen

Branch:

☒ Computer

☐ Mechanical

☐ Civil

Career Options:

Date of Graduation:

October 2024						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

☒ I agree to the Terms and Conditions

Submit Feedback

Name: Asif Alam Email: safety.asif.alam@gmail.com Sem: Sem 5

About: abhpoa hpoi

CV: No attachment uploaded

Branch: Computer

Career Options: Customer Developer

Date of Graduation: 10-10-2024

Experiment 5

AIM: Create web application using ASP.Net Rich Controls

Code: