

Experiment – 6

Aim: Extend the user Profile Application in which user is Allowed to select the Date of Birth from the Calendar Control.

Procedure:

- Create Calendar Control that allows user to select the date.
- Also has the facility to Put Reminder in calendar control on particular date and that should be displayed when user navigate to that particular date in calendar control.

Code:

Experiment6.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Experiment6.aspx.cs"
Inherits="Experiment6" %>
<!DOCTYPE html>

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

    <style type="text/css">
        .auto-style1 {
            margin-left: 30px;
        }
        .auto-style3 {
            margin-left: 174px;
            margin-bottom: 0px;
        }
    </style>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <br />
            <asp:Label ID="Label1" runat="server" Text="First Name:" Width="112px"></asp:Label>
            <asp:TextBox ID="TextBox1" runat="server" CssClass="auto-style1"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox1" ErrorMessage="---Please enter First
Name"></asp:RequiredFieldValidator>
            <br />
            <asp:Label ID="Label2" runat="server" Text="Last Name:" Width="112px"></asp:Label>
            <asp:TextBox ID="TextBox2" runat="server" CssClass="auto-style1"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ControlToValidate="TextBox2" ErrorMessage="---Please enter Last
Name"></asp:RequiredFieldValidator>
            <br />
            <asp:Label ID="Label3" runat="server" Text="Semester:" Width="112px"></asp:Label>
            <asp:TextBox ID="TextBox3" runat="server" CssClass="auto-style1"></asp:TextBox>
```

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        <asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ControlToValidate="TextBox3" ErrorMessage="---Please enter
Semester"></asp:RequiredFieldValidator>
    <br />
    <asp:Label ID="Label4" runat="server" Text="Mobile No:" Width="112px"></asp:Label>
    <asp:TextBox ID="TextBox4" runat="server" CssClass="auto-style1"></asp:TextBox>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator7" runat="server"
ControlToValidate="TextBox4" ErrorMessage="---Please enter Mobile
no"></asp:RequiredFieldValidator>
    <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="TextBox4" ErrorMessage="---Please enter correct Mobile No"
ValidationExpression="[0-9]{10}"></asp:RegularExpressionValidator>
    <br />
    <asp:Label ID="Label5" runat="server" Text="Age:" Width="112px"></asp:Label>
    <asp:TextBox ID="TextBox5" runat="server" CssClass="auto-style1"></asp:TextBox>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="TextBox5" ErrorMessage="---Please enter Age"></asp:RequiredFieldValidator>
    <br />
    <asp:Label ID="Label6" runat="server" Text="Height:" Width="112px"></asp:Label>
    <asp:TextBox ID="TextBox6" runat="server" CssClass="auto-style1"></asp:TextBox>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server"
ControlToValidate="TextBox6" ErrorMessage="---Please enter Height"></asp:RequiredFieldValidator>
    <asp:RangeValidator ID="RangeValidator2" runat="server" ControlToValidate="TextBox6"
ErrorMessage="RangeValidator" Type="Double">---Invalid</asp:RangeValidator>
    <br />

    <asp:Label ID="Label7" runat="server" Text="Marital Status:" Width="149px"></asp:Label>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator6" runat="server"
ControlToValidate="RadioButtonList1" ErrorMessage="---Please select Marital
status"></asp:RequiredFieldValidator>
    <asp:RadioButtonList ID="RadioButtonList1" runat="server" CssClass="auto-style3"
Height="85px" Width="138px">
        <asp:ListItem>Single</asp:ListItem>
        <asp:ListItem>Married</asp:ListItem>
        <asp:ListItem>Divorced</asp:ListItem>
    </asp:RadioButtonList>
    <br />

    <asp:Label ID="Label8" runat="server" Text="Hobbies:" Width="149px"></asp:Label>
    <asp:CheckBoxList ID="CheckBoxList1" runat="server" CssClass="auto-style3" Height="174px"
Width="138px">
        <asp:ListItem>Singing</asp:ListItem>
        <asp:ListItem>Dancing</asp:ListItem>
        <asp:ListItem>Painting</asp:ListItem>
        <asp:ListItem>Cooking</asp:ListItem>
        <asp:ListItem>Sports</asp:ListItem>
        <asp:ListItem>Others</asp:ListItem>
    </asp:CheckBoxList>
    <br />
    <asp:Label ID="Label9" runat="server" Text="Date of Birth:" Width="112px"></asp:Label>
    <asp:TextBox ID="TextBox7" runat="server" CssClass="auto-style1"
OnTextChanged="TextBox7_TextChanged" ToolTip="Select date from Calender"></asp:TextBox>
    <asp:RequiredFieldValidator ID="RequiredFieldValidator8" runat="server"
ControlToValidate="TextBox7" ErrorMessage="---Please select DOB"></asp:RequiredFieldValidator>
    <br />
    <br />

```

```

        <asp:Calendar ID="Calendar1" runat="server" CellPadding="1" CellSpacing="5"
EnableTheming="True" OnSelectionChanged="Calendar1_SelectionChanged" BackColor="#CCFFFF"
BorderColor="Black" BorderStyle="Solid" OnDayRender="Calendar1_DayRender">
    <SelectedDayStyle BackColor="#FFFF66" BorderStyle="Solid" ForeColor="#000066"
BorderWidth="1px" />
    <TitleStyle BackColor="#FFCCFF" BorderStyle="Solid" BorderWidth="2px" Font-
Overline="False" ForeColor="Black" />
    <TodayDayStyle ForeColor="Red" Font-Underline="True" />
</asp:Calendar>
    <asp:Label ID="Label10" runat="server" Font-Bold="True" OnLoad="Page_Load"
OnUnload="Calendar1_SelectionChanged"></asp:Label>
    <br />
    <br />
    <asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Submit" />
</div>
</form>
</body>
</html>

```

Experiment6.aspx.cs:

```

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

public partial class Experiment6 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        Response.Write("<b>" + "ENTERED DATA: " + "</b>" + "</br>" + "</br>");
        String fn = Convert.ToString(TextBox1.Text);
        Response.Write("First Name: " + fn + "</br>");

        String ln = Convert.ToString(TextBox2.Text);
        Response.Write("Last Name: " + ln + "</br>");

        String sem = Convert.ToString(TextBox3.Text);
        Response.Write("Semester: " + sem + "</br>");

        String mn = Convert.ToString(TextBox4.Text);
        Response.Write("Mobile No: " + mn + "</br>");

        String age = Convert.ToString(TextBox5.Text);
        Response.Write("Age: " + age + "</br>");

        String hgt = Convert.ToString(TextBox6.Text);
        Response.Write("Height: " + hgt + "</br>");

        string selectedValue = RadioButtonList1.SelectedValue;
        Response.Write("Marital Status: " + selectedValue + "</br>");
    }
}

```

```

string hb = "";
foreach (ListItem L1 in CheckBoxList1.Items)
{
    if (L1.Selected == true)
    {
        hb = hb + L1.Text + ", ";
    }
}
Response.Write("Hobbies: " + hb);
Response.Write("</br>");
}

protected void Calendar1_SelectionChanged(object sender, EventArgs e)
{
    TextBox7.Text = (Convert.ToString(Calendar1.SelectedDate.ToLongDateString()));
    if(Convert.ToString(Calendar1.SelectedDate.ToShortDateString())=="26-07-2021")
    {
        Label10.Text = ("26 July : Aash's Birthday!!!");
    }
    else
    {
        Label10.Text = ("");
    }
}

protected void Calendar1_DayRender(object sender, DayRenderEventArgs e)
{
    String a = Calendar1.SelectedDate.ToLongDateString();
    if (e.Day.Date.ToShortDateString() == "09-07-2021")
    {
        HyperLink l = new HyperLink();
        l.NavigateUrl = "~/exp6_1.aspx";
        l.Text = "Result";
        e.Cell.Controls.Add(l);
        e.Day.IsSelectable = true;
    }
    if (e.Day.Date == new DateTime(2021, 7, 26))
    {
        e.Cell.ForeColor = System.Drawing.Color.Blue;
    }
}

protected void TextBox7_TextChanged(object sender, EventArgs e)
{
}
}

```

exp6_1.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="exp6_1.aspx.cs" Inherits="exp6_1" %>
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">

```

```

<div>
  <h1><b><br />Experiment-6</b></h1>
  <h1>&nbsp;</h1>
  <h1>Selected Date : 9/07/2021</h1>
</div>
</form>
</body>
</html>

```

Output Screenshots:

Preview:

localhost:64577/Experiment6.aspx

First Name:

Last Name:

Semester:

Mobile No:

Age:

Height:

Marital Status:

☐ Single

☐ Married

☐ Divorced

Hobbies:

☐ Singing

☐ Dancing

☐ Painting

☐ Cooking

☐ Sports

☐ Others

Date of Birth:

July 2021						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
28	29	30	1	2	3	4
5	6	7	8	9Result	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

Submit

Validations:

localhost:64577/Experiment6.asp

localhost:64577/Experiment6.aspx

First Name:

---Please enter First Name

Last Name:

---Please enter Last Name

Semester:

---Please enter Semester

Mobile No:

---Please enter Mobile no

Age:

---Please enter Age

Height:

---Please enter Height

Marital Status:

---Please select Marital status

☐ Single

☐ Married

☐ Divorced

Hobbies:

☐ Singing

☐ Dancing

☐ Painting

☐ Cooking

☐ Sports

☐ Others

Date of Birth:

---Please select DOB

≤

July 2021

≥

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

Submit

Calender Control:

1. Selected Date will be displayed in the Textbox.

Date of Birth:

July 2021						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
<u>28</u>	<u>29</u>	<u>30</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u> <u>Result</u>	<u>10</u>	<u>11</u>
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

2. For Date: 09-07-2021 – New Web-Form will be loaded.

Experiment-6

Selected Date : 9/07/2021

3. For Only Date: 26-07-2021 – Message will be displayed in the label.
After selecting other Date message will be erased.

localhost:64577/Experiment6.asp × +

← → ↻ ⓘ localhost:64577/Experiment6.aspx

Date of Birth:

July 2021						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
<u>28</u>	<u>29</u>	<u>30</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u> Result	<u>10</u>	<u>11</u>
<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>
<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>1</u>
<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>

26 July : Aash's Birthday!!!