

Experiment – 2

Aim: Extend the User profile Application which allow user to select the Material Status and Hobbies.

Procedure:

- Create Radio Button that Allows user to have Single selection for the Material Status.
- Create Checkbox List that Allow user to select the hobbies.
- On pressing the Submit Button retrieve all values and display on the screen.
- Use all Basic web controls available.

Code:

Experiment2.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Experiment2.aspx.cs"
Inherits="Experiment2" %>

<!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>
```

```
<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:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Submit" />
</div>
</form>
</body>
</html>
```

Experiment2.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 Experiment2 : 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>");

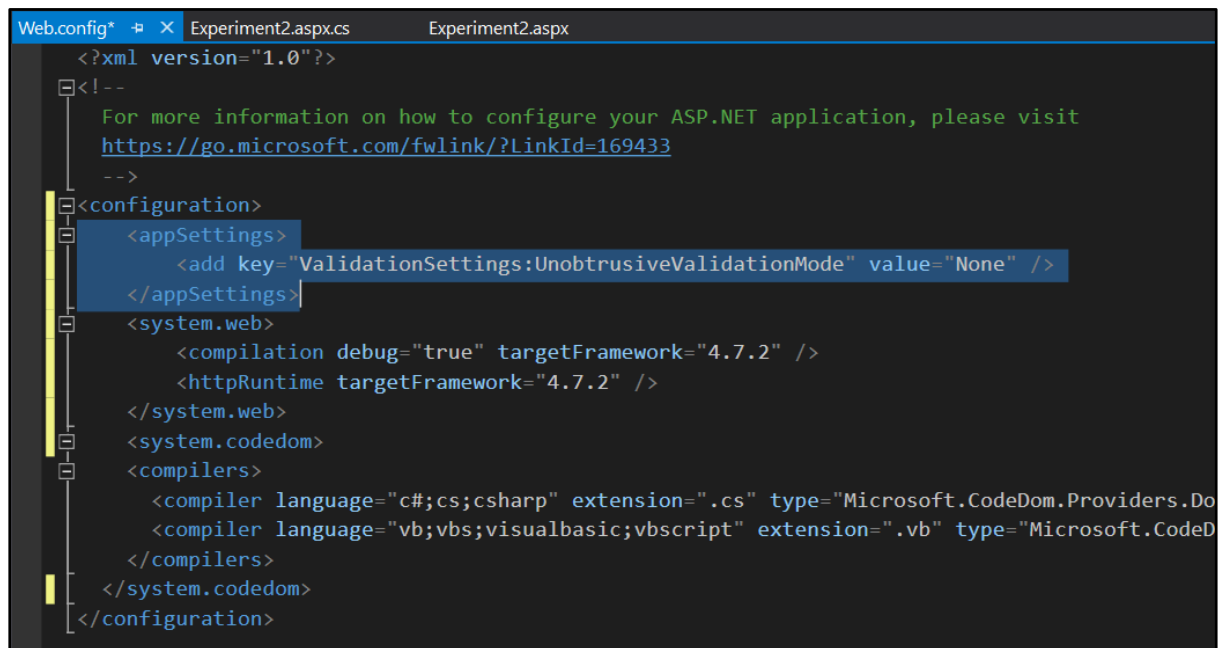
        String age = Convert.ToString(TextBox5.Text);
        Response.Write("Age: " + age + "</br>");

        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>");
    }
}
```

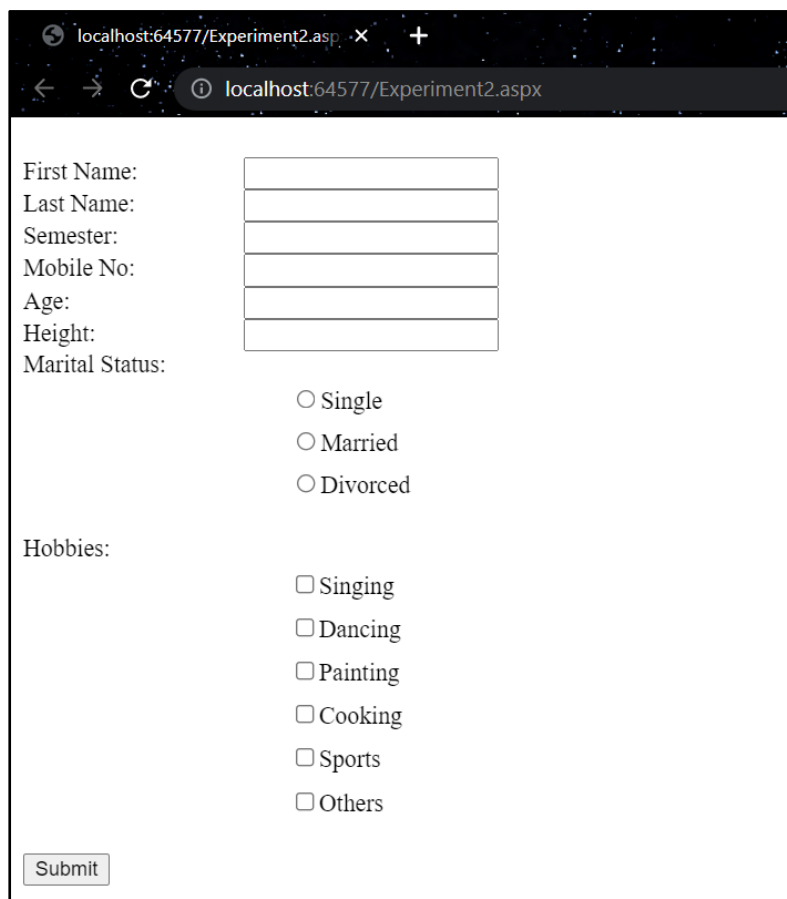
}}
Web.config:

A screenshot of a Visual Studio editor showing the Web.config file. The file is an XML document with a root element <configuration>. Inside, there's an <appSettings> section with a single entry: <add key="ValidationSettings:UnobtrusiveValidationMode" value="None" />. Below that is the <system.web> section containing <compilation> and <httpRuntime> elements, followed by </system.web>, <system.codedom>, <compilers>, </compilers>, </system.codedom>, and </configuration>. The <appSettings> section is highlighted with a blue selection box.

```
<?xml version="1.0"?>
<!--
  For more information on how to configure your ASP.NET application, please visit
  https://go.microsoft.com/fwlink/?LinkId=169433
-->
<configuration>
  <appSettings>
    <add key="ValidationSettings:UnobtrusiveValidationMode" value="None" />
  </appSettings>
  <system.web>
    <compilation debug="true" targetFramework="4.7.2" />
    <httpRuntime targetFramework="4.7.2" />
  </system.web>
  <system.codedom>
    <compilers>
      <compiler language="c#;cs;csharp" extension=".cs" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, 4.7.2.0, processorArchitecture=x86" />
      <compiler language="vb;vbs;visualbasic;vbscript" extension=".vb" type="Microsoft.CodeDom.Providers.DotNetCompilerPlatform, Microsoft.CodeDom.Providers.DotNetCompilerPlatform, 4.7.2.0, processorArchitecture=x86" />
    </compilers>
  </system.codedom>
</configuration>
```

Output Screenshots:

Preview:

A screenshot of a web browser showing a form at localhost:64577/Experiment2.aspx. The form has several input fields and a submit button. The fields are: First Name, Last Name, Semester, Mobile No, Age, Height, and Marital Status. The Marital Status field has three radio button options: Single, Married, and Divorced. Below these is a section for Hobbies with six checkboxes: Singing, Dancing, Painting, Cooking, Sports, and Others. At the bottom left is a Submit button.

localhost:64577/Experiment2.aspx

First Name:

Last Name:

Semester:

Mobile No:

Age:

Height:

Marital Status:

☐ Single

☐ Married

☐ Divorced

Hobbies:

☐ Singing

☐ Dancing

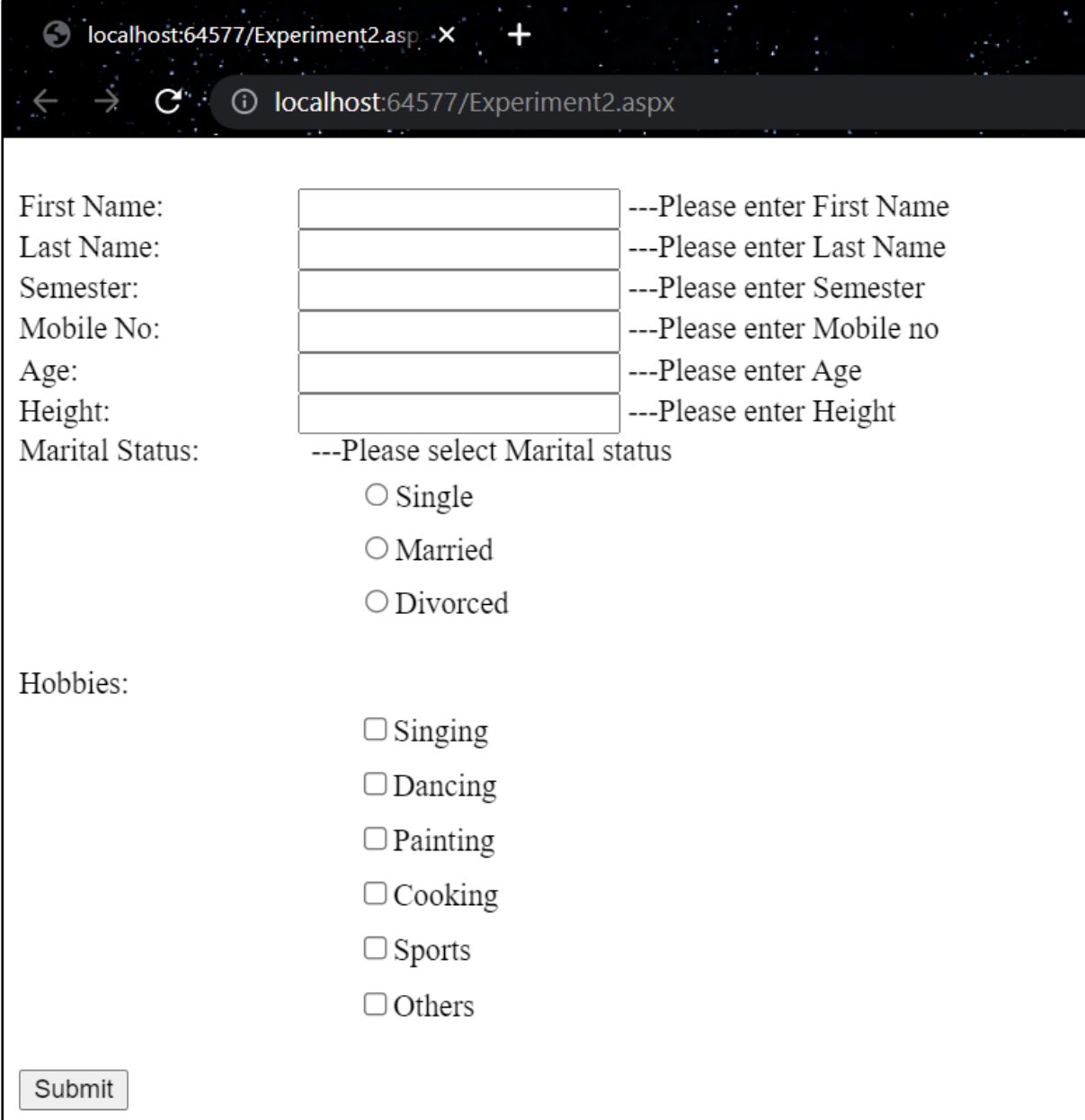
☐ Painting

☐ Cooking

☐ Sports

☐ Others

Validation:



The screenshot shows a web browser window with the address bar displaying 'localhost:64577/Experiment2.aspx'. The page contains a form with the following fields and validation messages:

Field Label	Input Field	Validation Message
First Name:	<input type="text"/>	---Please enter First Name
Last Name:	<input type="text"/>	---Please enter Last Name
Semester:	<input type="text"/>	---Please enter Semester
Mobile No:	<input type="text"/>	---Please enter Mobile no
Age:	<input type="text"/>	---Please enter Age
Height:	<input type="text"/>	---Please enter Height
Marital Status:	<input type="radio"/> Single <input type="radio"/> Married <input type="radio"/> Divorced	---Please select Marital status
Hobbies:	<input type="checkbox"/> Singing <input type="checkbox"/> Dancing <input type="checkbox"/> Painting <input type="checkbox"/> Cooking <input type="checkbox"/> Sports <input type="checkbox"/> Others	

At the bottom left of the form is a 'Submit' button.

RangeValidations:

localhost:64577/Experiment2.asp × +

localhost:64577/Experiment2.aspx

First Name:	<input type="text" value="Aanandi"/>
Last Name:	<input type="text" value="Pankhania"/>
Semester:	<input type="text" value="7"/>
Mobile No:	<input type="text" value="1234"/>
Age:	<input type="text" value="20"/>
Height:	<input type="text" value="xyz"/>
Marital Status:	

---Please enter correct Mobile No

---Invalid

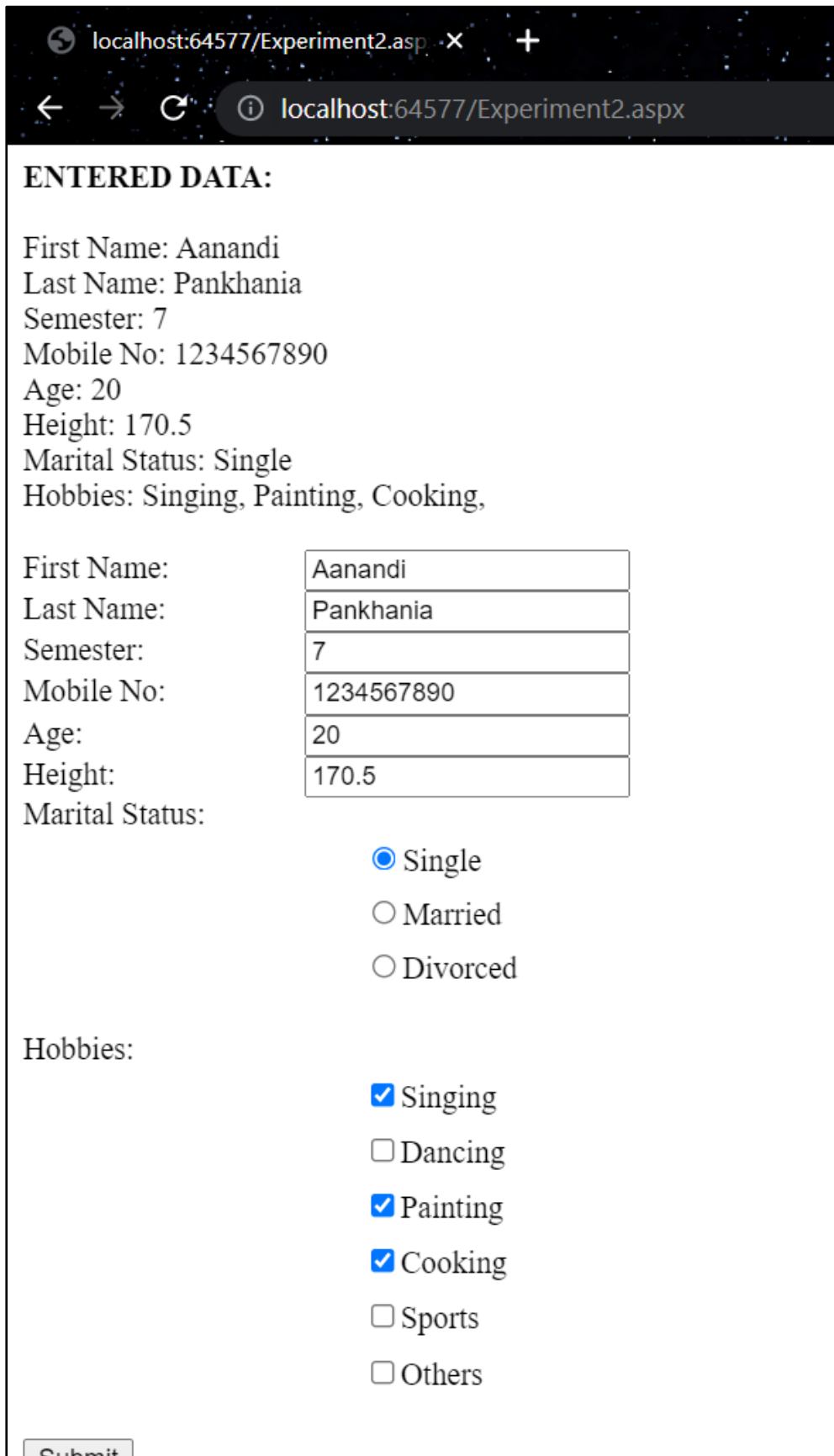
☒ Single
☐ Married
☐ Divorced

Hobbies:

☒ Singing
☐ Dancing
☒ Painting
☒ Cooking
☐ Sports
☐ Others

Submit

After Clicking on "SUBMIT" button:



ENTERED DATA:

First Name: Aanandi
Last Name: Pankhania
Semester: 7
Mobile No: 1234567890
Age: 20
Height: 170.5
Marital Status: Single
Hobbies: Singing, Painting, Cooking,

First Name:	Aanandi
Last Name:	Pankhania
Semester:	7
Mobile No:	1234567890
Age:	20
Height:	170.5

Marital Status:

☒ Single
☐ Married
☐ Divorced

Hobbies:

☒ Singing
☐ Dancing
☒ Painting
☒ Cooking
☐ Sports
☐ Others

Submit