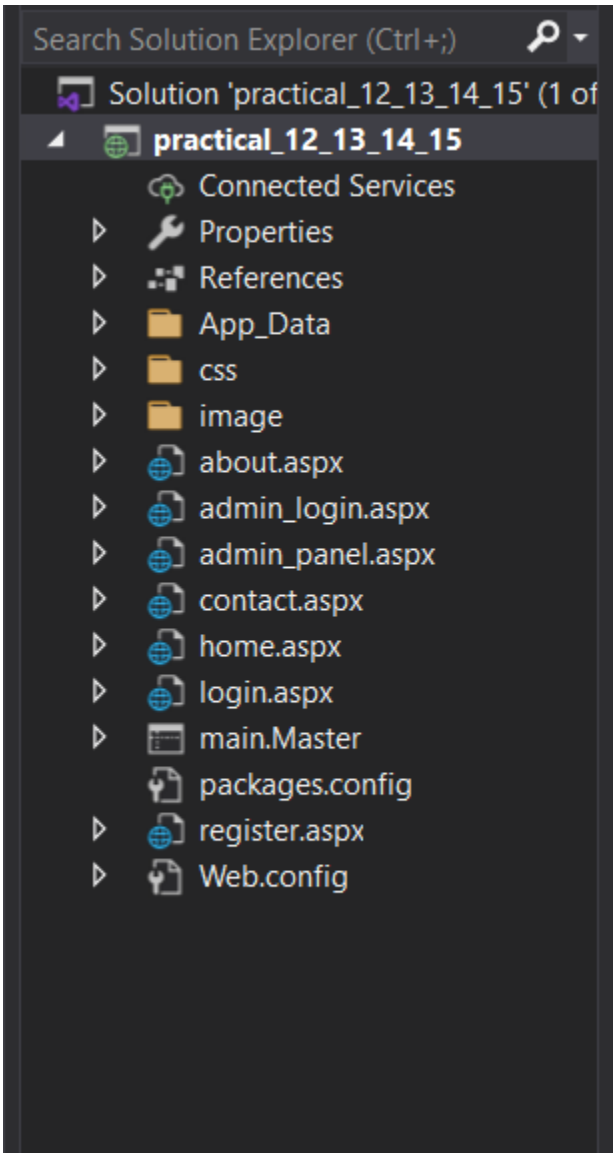
AIM: Design & develop ASP.net web application using master & content page.



Main.Master

```
<%@ Master Language="C#" AutoEventWireup="true"
CodeBehind="main.master.cs" Inherits="practical_12_13_14_15.main" %>

<!DOCTYPE html>

<html>
```

```
<head runat="server">
    <title></title>
    <link rel="stylesheet" href="css/master.css">
    <asp:ContentPlaceHolder ID="head" runat="server">

    </asp:ContentPlaceHolder>
</head>
<body>
    <form id="form1" runat="server">
        <div id="navbar">
            <table id="navbar_tbl">
                <tr>
                    <td style="float:left"><img id="logo"
src="image/logo.png"/></td>
                    <td style="float:left"><p id="web_name">My Web
Site</p></td>
                    <td>
                        <a class="navbar_page"
href="home.aspx">Home</a>
                        <a class="navbar_page" href="about.aspx">About
Us</a>
                        <a class="navbar_page"
href="contact.aspx">Contact Us</a>
                        <a class="navbar_page"
href="register.aspx">Register</a>
                        <a class="navbar_page" href="login.aspx">User
Login</a>
                        <a class="navbar_page"
href="admin_login.aspx">Admin Login</a>
                    </td>
                </tr>
            </table>
        </div>
        <asp:ContentPlaceHolder ID="ContentPlaceHolder1"
runat="server">
        </asp:ContentPlaceHolder>
        <div class="footer">
            <footer>
                By Vandan Patel
            </footer>
        </div>
    </form>
</body>
</html>
```

Home.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/main.Master"
AutoEventWireup="true" CodeBehind="home.aspx.cs"
Inherits="practical_12_13_14_15.home" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">

    <table style="width:100%;">
        <tr>
            <td> </td>
            <td>
                <asp:Label ID="welcome_lb" runat="server" Font-
Size="Medium" Text="Label"></asp:Label>
            </td>
            <td> </td>
        </tr>
        <tr>
            <td> </td>
            <td> </td>
            <td> </td>
        </tr>
        <tr>
            <td> </td>
            <td>
                <asp:Button ID="logout_btn" runat="server"
OnClick="logout_btn_Click" Text="Logout" />
            </td>
            <td> </td>
        </tr>
    </table>

</asp:Content>
```

About.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/main.Master"
AutoEventWireup="true" CodeBehind="about.aspx.cs"
Inherits="practical_12_13_14_15.about" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <link rel="stylesheet" href="css/register.css">
</asp:Content>
```

```
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <div>
        <table>
            <thead>
                <tr>
                    <th>
                        About US
                    </th>
                </tr>
            </thead>
            <tr>
                <td style="border:2px solid;border-
color:blue;padding:5px">Enrollment: 20012011130</td>
            </tr>
            <tr>
                <td style="border:2px solid;border-
color:blue;padding:5px">Name: Vandan Patel</td>
            </tr>
            <tr>
                <td style="border:2px solid;border-
color:blue;padding:5px">Collage: UVPCE</td>
            </tr>
            <tr>
                <td style="border:2px solid;border-
color:blue;padding:5px">Sem: 4</td>
            </tr>
        </table>
    </div>
</asp:Content>
```

Login.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/main.Master"
AutoEventWireup="true" CodeBehind="login.aspx.cs"
Inherits="practical_12_13_14_15.login" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <link rel="stylesheet" href="css/register.css">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <div id="register_form">
        <table id="register_form_tbl" runat="server">
            <thead>
```

```
                <tr>
                    <th>User Login</th>
                </tr>
            </thead>
            <tr>
                <td><p>Username: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="username" runat="server" placeholder="Your Username"
></asp:TextBox>
                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="username_rfv" runat="server" ControlToValidate="username"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
                            <td>
                                <asp:RegularExpressionValidator
ID="username_rev" runat="server" ErrorMessage="Invalid Username"
ControlToValidate="username" Font-Size="Smaller" ForeColor="Red"
ValidationExpression="^(?=[a-zA-Z])[-\w.]{7,20}([a-zA-Z\d]|(?<![-
.])_)$"></asp:RegularExpressionValidator>
                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td style="padding-left:10px;"><p>Password: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="password" runat="server" textmode="Password" placeholder="Your
Password"  ></asp:TextBox>
                            </td>
                            <td>
                                <asp:RequiredFieldValidator
ID="password_rfv" runat="server" ControlToValidate="password"
```

```
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>
                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td></td>
                <td style="padding-top:20px;padding-left:10px;">
                    <a href="register.aspx" style="text-
decoration:none;font-size:16px;">If you have not register</a>
                </td>
            </tr>
            <tr>
                <td></td>
                <td><asp:Button ID="login_btn" runat="server"
Text="Login" OnClick="login_btn_Click" /></td>
            </tr>
        </table>
    </div>
</asp:Content>
```

Admin_login.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/main.Master"
AutoEventWireup="true" CodeBehind="admin_login.aspx.cs"
Inherits="practical_12_13_14_15.admin_login" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
    <link rel="stylesheet" href="css/register.css">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">
    <div id="register_form">
        <table id="register_form_tbl" runat="server">
            <thead>
                <tr>
                    <th>Admin Login</th>
                </tr>
            </thead>
            <tr>
                <td><p>Username: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
```

```
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="adminname" runat="server" placeholder="Your Username"
></asp:TextBox>
                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="RequiredFieldValidator2" runat="server"
ControlToValidate="adminname" ErrorMessage="It's Required" Font-
Size="Smaller" ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
                            <td>
                                <asp:RegularExpressionValidator
ID="RegularExpressionValidator1" runat="server" ErrorMessage="Invalid
Username" ControlToValidate="adminname" Font-Size="Smaller"
ForeColor="Red" ValidationExpression="^(?=[a-zA-Z])[-\w.]{7,20}([a-zA-
Z\d]|(?<![-.])_)$"></asp:RegularExpressionValidator>
                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td style="padding-left:10px;"><p>Password: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="admin_password" runat="server" textmode="Password"
placeholder="Your Password"  ></asp:TextBox>
                            </td>
                            <td>
                                <asp:RequiredFieldValidator
ID="RequiredFieldValidator1" runat="server"
ControlToValidate="admin_password" ErrorMessage="It's Required" Font-
Size="Smaller" ForeColor="Red"></asp:RequiredFieldValidator>
                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
```

```
                <td><asp:Button ID="admin_login_btn" runat="server"
Text="Login" OnClick="admin_login_btn_Click" /></td>
            </tr>
        </table>
    </div>
</asp:Content>
```

Register.aspx

```
<%@ Page Title="" Language="C#" MasterPageFile="~/main.Master"
AutoEventWireup="true" CodeBehind="register.aspx.cs"
Inherits="practical_12_13_14_15.register" %>

<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">

    <link rel="stylesheet" href="css/register.css">


    <style type="text/css">

        .auto-style1 {

            width: 150px;

        }

    </style>

</asp:Content>

<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1"
runat="server">

    <div class="register_form">

        <table runat="server">

            <thead>

                <tr>

                    <th>Register</th>

                </tr>

            </thead>

            <tr>
```

```
                <td><p>First Name: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="frist_name" runat="server" placeholder="Your First
Name"></asp:TextBox>
                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="first_name_rfv" runat="server" ControlToValidate="frist_name"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
                        </tr>
                    </table>
                </td>
                <td style="padding-left:10px;"><p>Last Name: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="last_name" runat="server" placeholder="Your Last
Name"></asp:TextBox>
                            </td>
                            <td>
```

```
                                <asp:RequiredFieldValidator
ID="last_name_rfv" runat="server" ControlToValidate="last_name"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>


                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td><p>Username: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="username" runat="server" placeholder="Your Username"
></asp:TextBox>
                            </td>
                            <td>


                                <asp:RequiredFieldValidator
ID="username_rfv" runat="server" ControlToValidate="username"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>


                            </td>
                            <td>
```

```
                                <asp:RegularExpressionValidator
ID="username_rev" runat="server" ErrorMessage="Invalid Username"
ControlToValidate="username" Font-Size="Smaller" ForeColor="Red"
ValidationExpression="^(?=[a-zA-Z])[-\w.]{7,20}([a-zA-Z\d]|(?<![-
.])_)$"></asp:RegularExpressionValidator>

                            </td>

                        </tr>

                    </table>

                </td>

                <td style="padding-left:10px;"><p>Password: </p></td>

                <td style="padding-left:10px;">

                    <table>

                        <tr>

                            <td>

                                <asp:TextBox CssClass="mytxtbox"
ID="password" runat="server" textmode="Password" placeholder="Your
Password"  ></asp:TextBox>

                            </td>

                            <td>


                                <asp:RequiredFieldValidator
ID="password_rfv" runat="server" ControlToValidate="password"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>


                            </td>

                        </tr>

                    </table>

                </td>

                <td style="padding-left:10px;"><p>Confirm Password:
</p></td>
```

```
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="c_password" runat="server" textmode="Password"
placeholder="Confirm Password"  ></asp:TextBox>
                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="c_password_rfv" runat="server" ControlToValidate="c_password"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
                            <td>
                                <asp:CompareValidator ID="password_cv"
runat="server" ErrorMessage="Password Not Match"
ControlToCompare="password" ControlToValidate="c_password" Font-
Size="Smaller" ForeColor="Red"></asp:CompareValidator>
                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td><p>Mobile Number: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
```

```
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="mobile_number" runat="server" placeholder="Your Mobile
Number"></asp:TextBox>
                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="mobile_number_rfv" runat="server"
ControlToValidate="mobile_number" ErrorMessage="It's Required" Font-
Size="Smaller" ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
                            <td>

                                <asp:RegularExpressionValidator
ID="mobile_number_rev" runat="server" ErrorMessage="Invalid Mobile
Number" Font-Size="Smaller" ForeColor="Red" ValidationExpression="^[7-
9][0-9]{9}$"
ControlToValidate="mobile_number"></asp:RegularExpressionValidator>

                            </td>
                        </tr>
                    </table>
                </td>
                <td style="padding-left:10px;"><p>Email: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
```

```
                                <asp:TextBox CssClass="mytxtbox"
ID="email" runat="server" placeholder="Your Email"></asp:TextBox>
                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="email_rfv" runat="server" ControlToValidate="email"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
                            <td>
                                <asp:RegularExpressionValidator
ID="email_rev" runat="server" ErrorMessage="Invalid Email" Font-
Size="Smaller" ForeColor="Red" ValidationExpression="\w+([-
+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*"
ControlToValidate="email"></asp:RegularExpressionValidator>
                            </td>
                        </tr>
                    </table>
                </td>
                <td style="padding-left:10px;"><p>Date of Birth:
</p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox CssClass="mytxtbox"
ID="dob" runat="server" textmode="Date"  ></asp:TextBox>
                            </td>
                            <td>
```

```
                                <asp:RequiredFieldValidator
ID="dob_rfv" runat="server" ControlToValidate="dob" ErrorMessage="It's
Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>


                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td><p>Country: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:DropDownList ID="country"
CssClass="my_cbx" runat="server">
                                    <asp:ListItem Value="0">--Select--
</asp:ListItem>
                                </asp:DropDownList>
                            </td>
                            <td>
                                <asp:CompareValidator ID="country_rfv"
runat="server" ValueToCompare="0" Operator="NotEqual"
ErrorMessage="It's Required" Font-Size="Smaller" ForeColor="Red"
ControlToValidate="country"></asp:CompareValidator>
                            </td>
                        </tr>
                    </table>
```

```
                </td>
                <td style="padding-left:10px;"><p>State: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td class="auto-style1">
                                <asp:DropDownList ID="state"
CssClass="my_cbx" runat="server">
                                    <asp:ListItem Value="0">--Select--
</asp:ListItem>
                                </asp:DropDownList>
                            </td>
                            <td>
                                <asp:CompareValidator ID="state_rfv"
runat="server" ValueToCompare="0" Operator="NotEqual"
ErrorMessage="It's Required" Font-Size="Smaller" ForeColor="Red"
ControlToValidate="state"></asp:CompareValidator>
                            </td>
                        </tr>
                    </table>
                </td>
                <td style="padding-left:10px;"><p>City: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:DropDownList ID="city"
CssClass="my_cbx" runat="server">
                                    <asp:ListItem Value="0">--Select--
</asp:ListItem>
```

```
                                </asp:DropDownList>
                            </td>
                            <td>
                                <asp:CompareValidator ID="city_rfv"
runat="server" ValueToCompare="0" Operator="NotEqual"
ErrorMessage="It's Required" Font-Size="Smaller" ForeColor="Red"
ControlToValidate="city"></asp:CompareValidator>
                            </td>
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td><p>Address: </p></td>
                <td style="padding-left:10px;">
                    <table>
                        <tr>
                            <td>
                                <asp:TextBox ID="address"
CssClass="my_textarea" runat="server" Columns="25" Rows="6"
TextMode="MultiLine"  placeholder="Your Address"  ></asp:TextBox>

                            </td>
                            <td>

                                <asp:RequiredFieldValidator
ID="address_rfv" runat="server" ControlToValidate="address"
ErrorMessage="It's Required" Font-Size="Smaller"
ForeColor="Red"></asp:RequiredFieldValidator>

                            </td>
```

```
                        </tr>
                    </table>
                </td>
            </tr>
            <tr>
                <td></td>
                <td style="padding-top:20px;padding-left:10px;">
                    <a href="login.aspx" style="text-
decoration:none;font-size:16px;">If you have already register</a>
                </td>
            </tr>
            <tr>
                <td>
                    <asp:ScriptManager ID="ScriptManager1"
runat="server">
                    </asp:ScriptManager>
                </td>
                <td style="padding-top:20px;padding-left:10px;">
                    <asp:Button ID="register_btn"
CssClass="register_btn_css" runat="server" Text="Register"
OnClick="register_btn_Click" />
                </td>
            </tr>
        </table>
    </div>
</asp:Content>
```

Master.css

```
body {
    font-family:'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande',
'Lucida Sans Unicode', Geneva, Verdana, sans-serif;
}
#logo {
    width: 42px;
    height: 42px;
    border-radius: 25px;
}
#navbar {
    background-color: yellowgreen;
    color: white;
    text-align: right;
    margin-bottom: 20px;
    padding: 10px;
    width: 100%;
    height: 50px;
    box-shadow: 6px 12px yellow;
}
#navbar_tbl{
    width:100%;
    height:100%;
}
.navbar_page
{
    color: white;
    background-color: cadetblue;
    padding: 5px;
    margin: 5px;
    text-align: center;
    border-radius: 5px;
    text-decoration: none;
    height: 100%;
    box-shadow: 2px 4px yellow;
    transition: 0.3s;
}
.navbar_page:hover {
color: black;
background-color: yellow;
box-shadow: 2px 4px blueviolet;
}
.footer{
    margin-top:20px;
    height:20px;
    width:100%;
    padding:10px;
```

```
    text-align:center;
    background-color:red;
    color: black;
}
#web_name{
    color:blueviolet;
    margin-left:10px;
    font-size:20px;
    font-style:oblique;
}
```

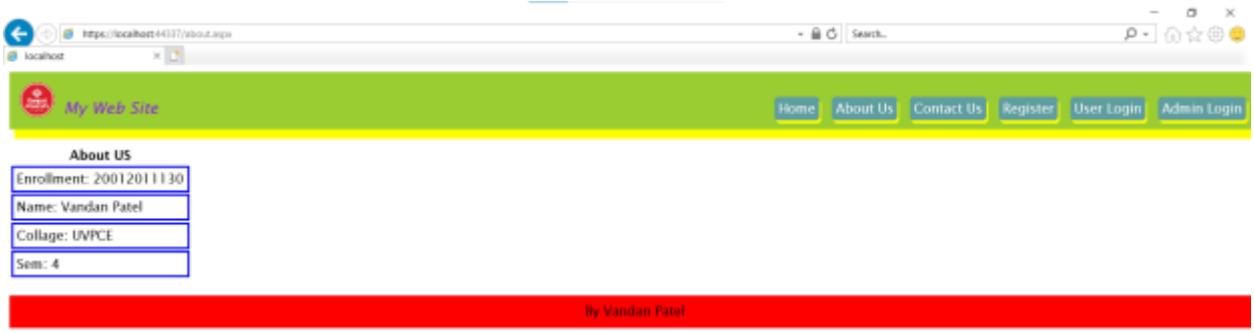
Register.css

```
   .register_form {
        margin-left: auto;
        margin-right: auto;
    }
    .my_cbx {
        height: 35px;
        width: 150px;
        background-color: silver;
        color: white;
        transition: 0.5s;
        border-radius: 5px;
        box-shadow: 2px 4px yellow;
        font-size: 14px;
    }
    .my_textarea {
        padding: 5px;
        background-color: silver;
        color: white;
        transition: 0.5s;
        border-radius: 5px;
        box-shadow: 2px 4px yellow;
        font-size: 14px;
        outline: none;
    }
    .my_textarea::placeholder {
        color: white;
    }

    .my_textarea:focus {
        border-color: red;
```

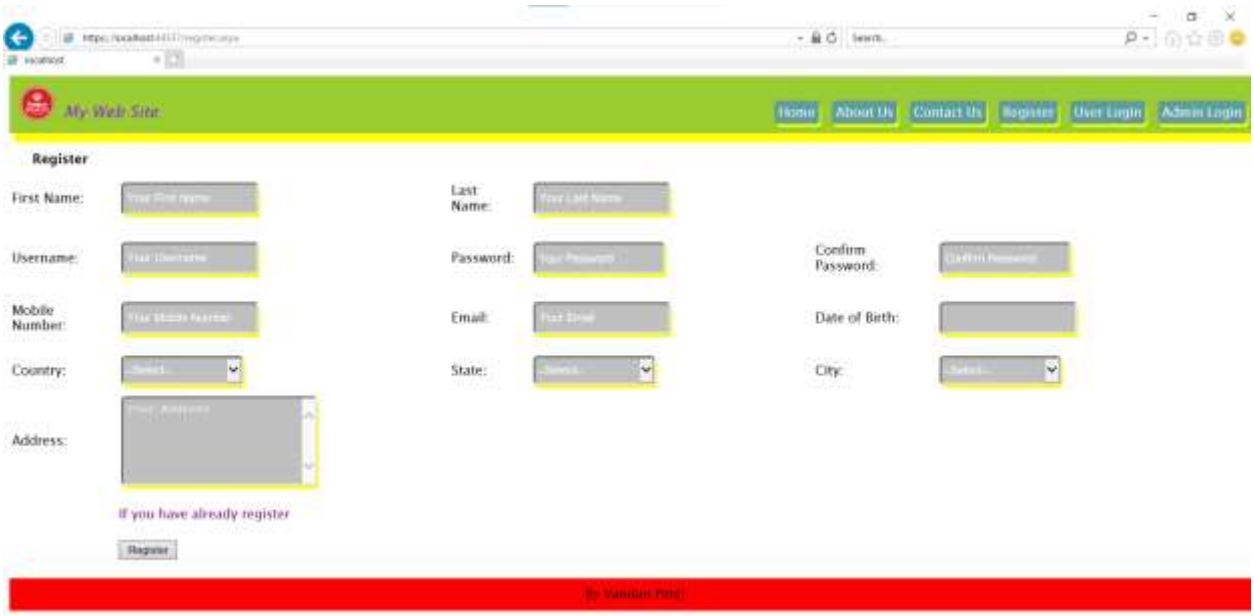
```
        background-color: white;
        color: silver;
        box-shadow: 0 0 silver;
        outline: none;
    }
    .mytxtbox {
        height: 25px;
        padding: 5px;
        background-color: silver;
        color: white;
        transition: 0.5s;
        border-radius: 5px;
        box-shadow: 2px 4px yellow;
        font-size: 14px;
        outline: none;
    }
    .mytxtbox::placeholder {
        color: white;
    }

    .mytxtbox:focus {
        border-color: silver;
        background-color: white;
        color: silver;
        box-shadow: 0 0 silver;
        outline: none;
    }
```

Output:

My Web Site
Home
About Us
Contact Us
Register
User Login
Admin Login
User Login
Username:
Password:
If you have not register
Login
By Vandan Patel


My Web Site
Home
About Us
Contact Us
Register
User Login
Admin Login
About US
Enrollment: 20012011130
Name: Vandan Patel
Collage: UVPCE
Sem: 4
By Vandan Patel

My Web Site
Home
About Us
Contact Us
Register
User Login
Admin Login
Contact US
Username:
Email:
Message:
Send


My Web Site
Home
About Us
Contact Us
Register
User Login
Admin Login
Register
First Name:
Last Name:
Username:
Password:
Confirm Password:
Mobile Number:
Email:
Date of Birth:
Country:
State:
City:
Address:
If you have already register
Register
By Vandan Patel

My Web Site
Home
About Us
Contact Us
Register
User Login
Admin Login
Admin Login
Username:
Password:
Login
By Vandan Patel

My Web Site
Home
About Us
Contact Us
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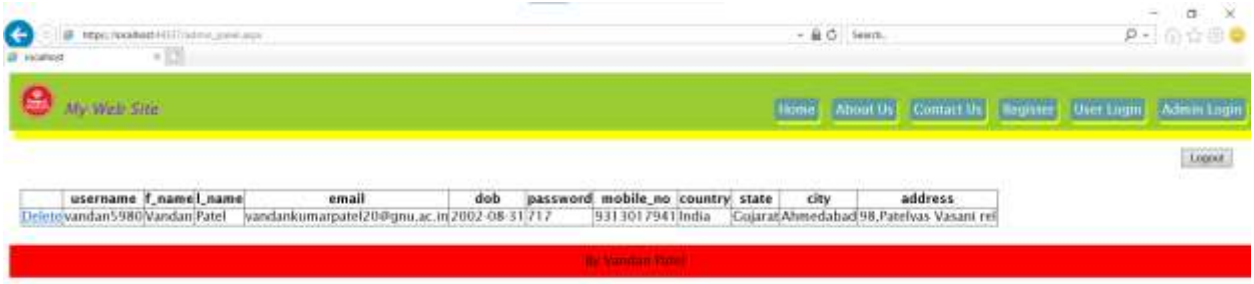
By Vandan Patel



	username	f_name	l_name	email	dob	password	mobile_no	country	state	city	address
Delete	vandan5980	Vandan	Patel	vandankumarpatel20@gnu.ac.in	2002-08-31	717	9313017941	India	Gujarat	Ahmedabad	98,Patelvas Vasani rel