

Experiment – 10

Aim: Create the Sign In, Sign Up and Update Application.

Procedure:

- Master Page Contains the Header That Contains the University name and Address.
- Master Page Has the Facility to select the department as soon as it select the department then content page should display the names of the faculty in content page.

Code:

Signup.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Signup.aspx.cs"
Inherits="Lab10.Signup" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:Label ID="Label1" runat="server" Style="z-index: 1; left: 10px; top: 15px; position:
absolute" Text="UserName"></asp:Label>
<asp:TextBox ID="TextBox1" runat="server" Style="z-index: 1; left: 97px; top: 16px; position:
absolute"></asp:TextBox>
<asp:TextBox ID="TextBox2" runat="server" Style="z-index: 1; left: 96px; top: 55px; position:
absolute"></asp:TextBox>
<asp:TextBox ID="TextBox3" runat="server" Style="z-index: 1; left: 144px; top: 93px; position:
absolute"></asp:TextBox>
<asp:TextBox ID="TextBox4" runat="server" Style="z-index: 1; left: 141px; top: 134px;
position: absolute"></asp:TextBox>
<asp:Label ID="Label2" runat="server" Style="z-index: 1; left: 15px; top: 51px; position:
absolute" Text="Password"></asp:Label>
</div>
<asp:Label ID="Label3" runat="server" Style="z-index: 1; left: 14px; top: 92px; position:
absolute"
Text="Conform Password"></asp:Label>
<asp:Label ID="Label4" runat="server" Style="z-index: 1; left: 19px; top: 132px; position:
absolute"
Text="City"></asp:Label>
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Style="z-index: 1; left: 71px;
top: 193px; position: absolute"
Text="SignUp" />
<asp:CompareValidator ID="CompareValidator1" runat="server"
ControlToCompare="TextBox2"
```

```
ControlToValidate="TextBox3" ErrorMessage="Not Matched" Style="z-index: 1; left: 290px;
top: 96px; position: absolute"></asp:CompareValidator>
</form>
</body>
</html>
```

Signup.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Configuration;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Lab10
{
    public partial class Signup : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection cn = new SqlConnection();
            cn.ConnectionString = "Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=E:\\SEM-
VII\\WT\\Lab10\\App_Data\\Database1.mdf;Integrated Security=True";
            cn.Open();
            SqlCommand cm = new SqlCommand("insert into [UserData] values('" + TextBox1.Text + "','"
+ TextBox2.Text + "','" + TextBox4.Text + "')", cn);
            int i = cm.ExecuteNonQuery();
            cn.Close();
            if (i == 1) { Response.Redirect("Login.aspx"); }
            else { Response.Write("Error"); }
        }
    }
}
```

Login.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Login.aspx.cs"
Inherits="Lab10.Login" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>
</head>
<body>
<form id="form1" runat="server">
<div>
<asp:Label ID="Label1" runat="server" Style="z-index: 1; left: 8px; top: 43px; position:
absolute"
```

```
Text="UserName"></asp:Label>
<asp:Label ID="Label2" runat="server" Style="z-index: 1; left: 11px; top: 74px; position:
absolute"
Text="Password"></asp:Label>
<asp:TextBox ID="TextBox1" runat="server" Style="z-index: 1; left: 101px; top: 39px; position:
absolute"></asp:TextBox>
<asp:TextBox ID="TextBox2" runat="server" Style="z-index: 1; left: 99px; top: 74px; position:
absolute"></asp:TextBox>
</div>
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Style="z-index: 1; left: 54px;
top: 118px; position: absolute" Text="Login" />
</form>
</body>
</html>
```

Login.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Lab10
{
    public partial class Login : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
        }
        protected void Button1_Click(object sender, EventArgs e)
        {
            SqlConnection cn = new SqlConnection();
            cn.ConnectionString = "Data
Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=E:\\SEM-
VII\\WT\\Lab10\\App_Data\\Database1.mdf;Integrated Security=True";
            cn.Open();
            SqlCommand cm = new SqlCommand("select Password from [UserData] where ( UserId='" +
            TextBox1.Text + "')", cn);
            SqlDataAdapter da = new SqlDataAdapter(cm);
            DataTable ds = new DataTable("T1");
            int i = cm.ExecuteNonQuery();
            da.Fill(ds);
            //da.Fill(ds, "T1");
            cn.Close();
            //Response.Write(ds.Rows[0][0].ToString());
            if (ds.Rows[0][0].ToString() == TextBox2.Text)
            {
                Session["id"] = TextBox1.Text;
            }
        }
    }
}
```

```
Response.Redirect("Profile.aspx");  
}  
else { Response.Write("Check Password or UserName"); }  
}}}
```

Profile.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Profile.aspx.cs"  
Inherits="Lab10.Profile" %>  
<!DOCTYPE html>  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head runat="server">  
<title></title>  
</head>  
<body>  
<form id="form1" runat="server">  
<div>  
<asp:GridView ID="GridView1" runat="server" Style="z-index: 1; left: 10px; top: 34px; position:  
absolute; height: 133px; width: 187px" AutoGenerateColumns="False"  
DataKeyNames="UserId" DataSourceID="SqlDataSource1">  
<Columns>  
<asp:CommandField ShowDeleteButton="True" ShowEditButton="True"  
ShowSelectButton="True" />  
<asp:BoundField DataField="UserId" HeaderText="UserId" ReadOnly="True"  
SortExpression="UserId" />  
<asp:BoundField DataField="Password" HeaderText="Password"  
SortExpression="Password" />  
<asp:BoundField DataField="City" HeaderText="City" SortExpression="City" />  
</Columns>  
</asp:GridView>  
<asp:SqlDataSource ID="SqlDataSource1" runat="server"  
ConflictDetection="CompareAllValues" ConnectionString="<%= $  
ConnectionStrings:ConnectionString %>" DeleteCommand="DELETE FROM [UserData]  
WHERE [UserId] = @original_UserId AND [Password] = @original_Password AND [City] =  
@original_City" InsertCommand="INSERT INTO [UserData] ([UserId], [Password], [City])  
VALUES (@UserId, @Password, @City)" OldValuesParameterFormatString="original_{0}"  
SelectCommand="SELECT * FROM [UserData] WHERE ([UserId] = @UserId)"  
UpdateCommand="UPDATE [UserData] SET [Password] = @Password, [City] = @City WHERE  
[UserId] = @original_UserId AND [Password] = @original_Password AND [City] =  
@original_City">  
<DeleteParameters>  
<asp:Parameter Name="original_UserId" Type="String" />  
<asp:Parameter Name="original_Password" Type="String" />  
<asp:Parameter Name="original_City" Type="String" />  
</DeleteParameters>  
<InsertParameters>  
<asp:Parameter Name="UserId" Type="String" />  
<asp:Parameter Name="Password" Type="String" />  
<asp:Parameter Name="City" Type="String" />  
</InsertParameters>  
<SelectParameters>
```

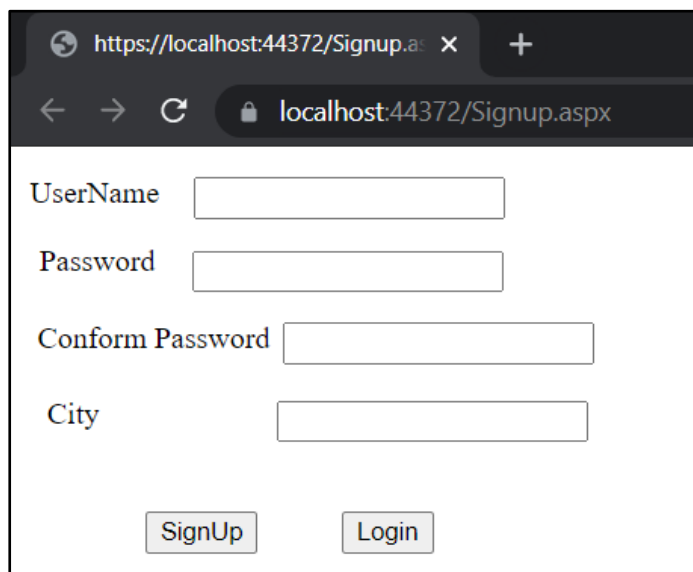
```
<asp:SessionParameter Name="UserId" SessionField="id" Type="String" />
</SelectParameters>
<UpdateParameters>
<asp:Parameter Name="Password" Type="String" />
<asp:Parameter Name="City" Type="String" />
<asp:Parameter Name="original_UserId" Type="String" />
<asp:Parameter Name="original_Password" Type="String" />
<asp:Parameter Name="original_City" Type="String" />
</UpdateParameters>
</asp:SqlDataSource>
</div>
</form>
</body>
</html>
```

Profile.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
namespace Lab10
{
    public partial class Profile : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            String s = Session["id"].ToString();
            //Response.Write(s.ToString());
            SqlConnection cn = new SqlConnection();
            cn.ConnectionString = "Data
            Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=E:\\SEM-
            VII\\WT\\Lab10\\App_Data\\Database1.mdf;Integrated Security=True";
            cn.Open();
            SqlCommand cm = new SqlCommand("select * from [UserData] where UserId='" +
            s.ToString() + "'", cn);
            SqlDataAdapter da = new SqlDataAdapter(cm);
            DataTable ds = new DataTable();
            cm.ExecuteNonQuery();
            da.Fill(ds);
            cn.Close();
        }
    }
}
```

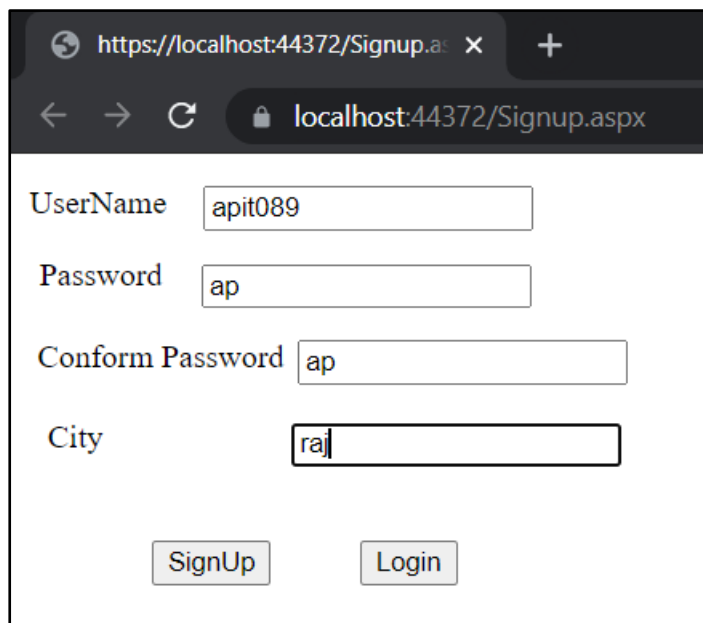
Output Screenshots:

GUI:



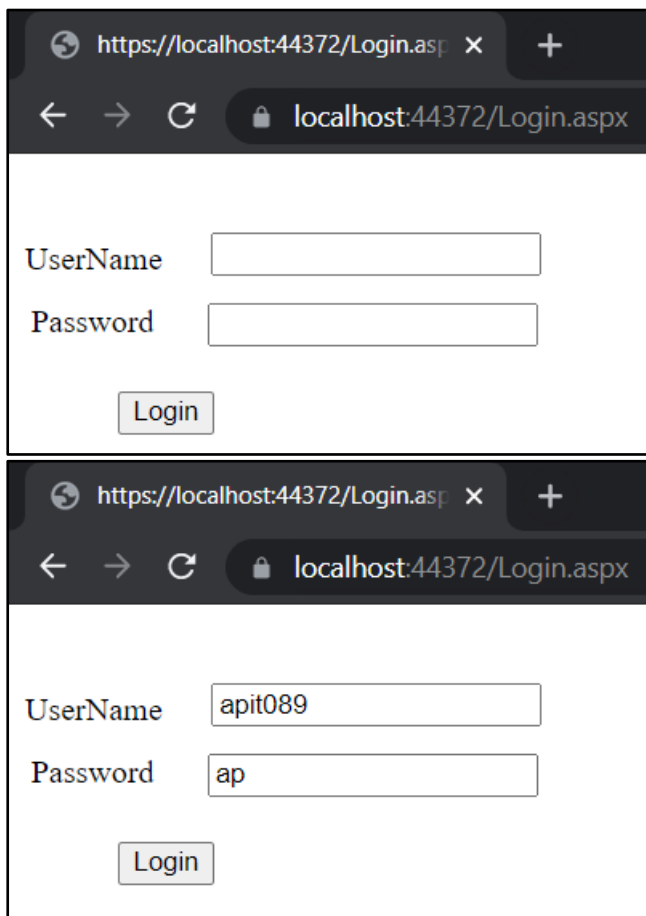
A screenshot of a web browser displaying a signup form. The browser's address bar shows the URL `https://localhost:44372/Signup.aspx`. The form contains four input fields: 'UserName', 'Password', 'Conform Password', and 'City'. Below the input fields are two buttons: 'SignUp' and 'Login'.

SignUp:



A screenshot of the same web browser displaying the signup form, now with data entered into the input fields. The 'UserName' field contains 'apit089', the 'Password' field contains 'ap', the 'Conform Password' field contains 'ap', and the 'City' field contains 'raj'. The 'SignUp' and 'Login' buttons remain at the bottom.

LoginPage:

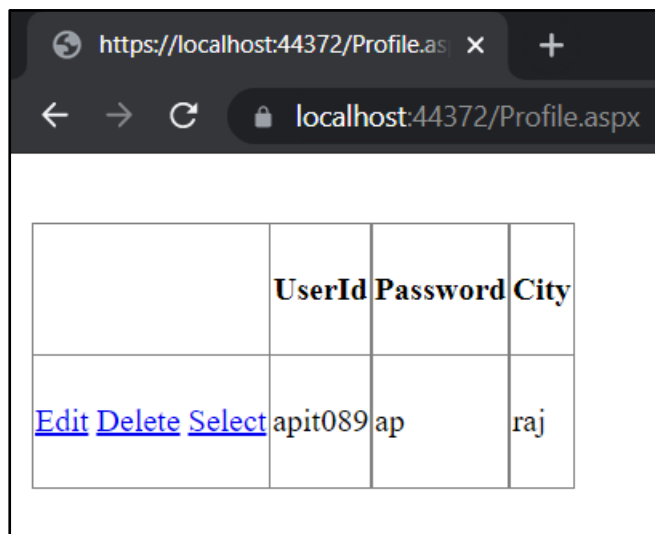


The image displays two sequential screenshots of a web browser window showing a login page. The browser's address bar indicates the URL is `https://localhost:44372/Login.aspx`. The page contains two input fields: "UserName" and "Password", each followed by a text box. Below these fields is a "Login" button.

In the first screenshot, the "UserName" and "Password" fields are empty.

In the second screenshot, the "UserName" field contains the text "apit089" and the "Password" field contains the text "ap".

Data:



The screenshot shows a web browser window with the address bar displaying 'https://localhost:44372/Profile.as' and 'localhost:44372/Profile.aspx'. The main content area contains a table with the following structure:

	UserId	Password	City
Edit Delete Select	apit089	ap	raj