Lab-10

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

Code:-

1. 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>
```

2. Signup.aspx.cs

```csharp
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"); }

        }


    }
```

```
}
```

3. 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>
```

4. Login.aspx.cs

```
using System;

using System.Collections.Generic;

using System.Data;

using System.Data.SqlClient;

using System.Linq;
```

```csharp
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"); }

        }
```

```
    }

}
```

5. 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">
```
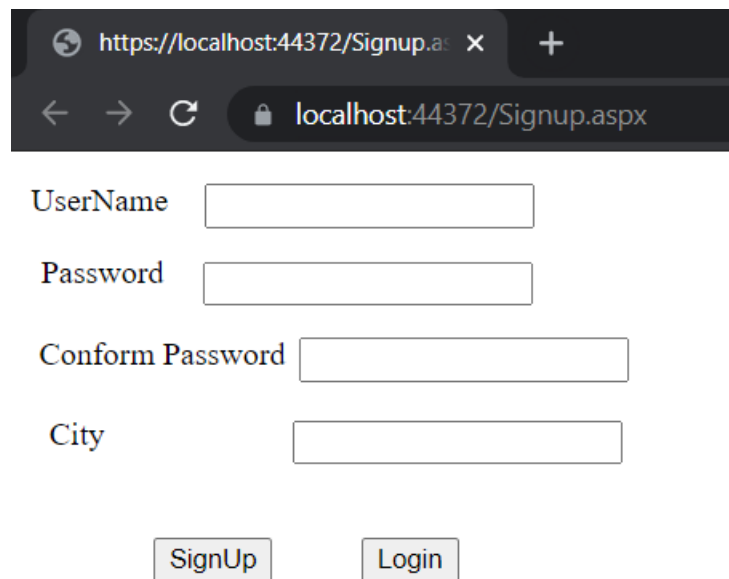
```
                    <DeleteParameters>
                        <asp:Parameter Name="original_UserId" Type="String" />
                        <asp:Parameter Name="original_Password" Type="String" />
                        <asp:Parameter Name="original_City" Type="String" />
                    </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>
```

6. Profile.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
```

```csharp
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: -
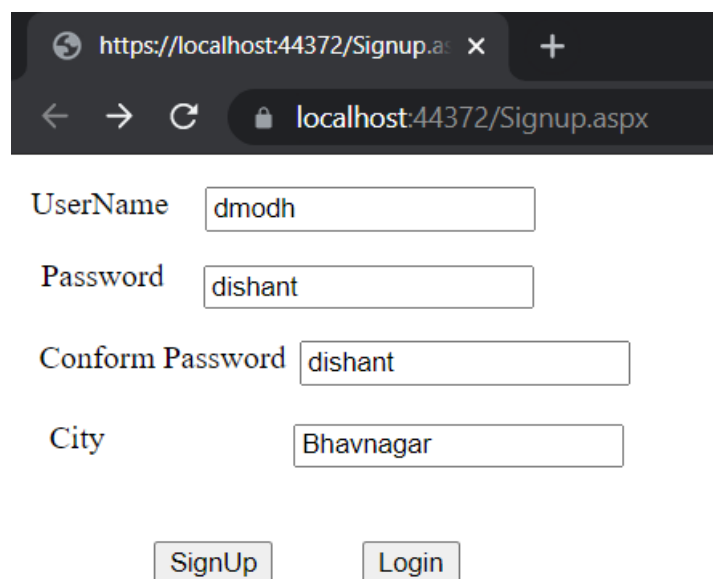
Fig. Simple GUI

Fig. Signup
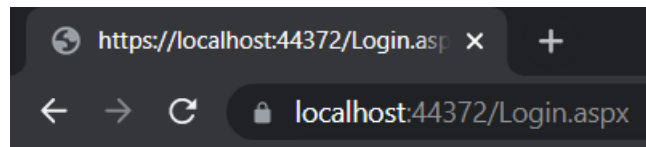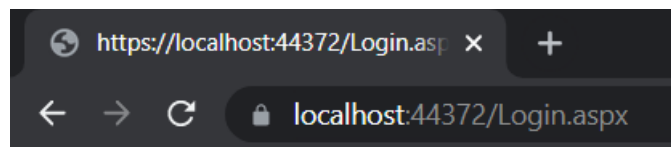
Fig. Login Page

Fig. Login Page
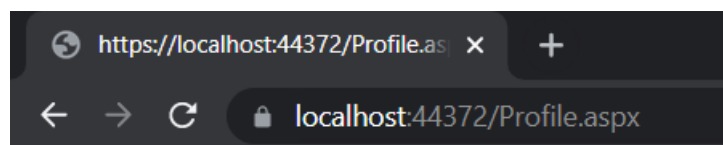
	UserId	Password	City
Edit Delete Select	dmodh	dishant	Bhavnagar

Fig. Data