

## EXPERIMENT – 14

**Aim:** i) Create the Application which gets the user profile from the user with the help of the user control.

ii) Create an application which allows user to have Chat on two different pages.

User Control:

WebUserController1.ascx:

```
<%@ Control Language="C#" AutoEventWireup="true"
CodeBehind="WebUserController1.ascx.cs" Inherits="UserControlExp.WebUserController1"
%>
<p>
<asp:Label ID="Label1" runat="server" Text="User Profile" Font-Size="30pt"
Height="75px" Width="245px"></asp:Label>
</p>
<p>
    <asp:Label ID="Label2" runat="server" Text="Name"></asp:Label>
</p>
<p>
    <asp:Label ID="Label3" runat="server" Text="Age"></asp:Label>
</p>
<p>
    <asp:Label ID="Label4" runat="server" Text="Occupation"></asp:Label>
</p>
<asp:Label ID="Label5" runat="server" Text="Email"></asp:Label>
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
<asp:TextBox ID="TextBox2" runat="server"></asp:TextBox>
<asp:TextBox ID="TextBox3" runat="server"></asp:TextBox>
<asp:TextBox ID="TextBox4" runat="server"></asp:TextBox>
<asp:Button ID="Button1" runat="server" OnClick="Button1_Click" Text="Submit"
/>
<asp:Label ID="Label6" runat="server"></asp:Label>
```

WebUserController1.ascx.cs:

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

namespace UserControlExp
{
    public partial class WebUserController1 : System.Web.UI.UserControl
    {
        protected void Page_Load(object sender, EventArgs e)
        {

        }

        protected void Button1_Click(object sender, EventArgs e)
        {

        }
    }
}
```

```
string name = TextBox1.Text;
string age = TextBox2.Text;
string occupation = TextBox3.Text;
string email = TextBox4.Text;

Label6.Text = "You entered: <br/> Name: " + name + "<br/> Age: " +
age + "<br/> Occupation: " + occupation + "<br/> Email: " + email;
    }
}
}
```

WebForm1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="UserControlExp.WebForm1" %>
```

```
<%@ Register Src="~/WebUserControl1.ascx" TagName="WebControl"
TagPrefix="RegisterWebControl" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <RegisterWebControl:WebControl ID="WebCtrl1" runat="server" />
    </form>
</body>
</html>
```

Output:

## User Profile

Name	<input type="text" value="Palak Pokar"/>
Age	<input type="text" value="20"/>
Occupation	<input type="text" value="Student"/>
Email	<input type="text" value="palak@abc.com"/>

You entered:  
Name: Palak Pokar  
Age: 20  
Occupation: Student  
Email: palak@abc.com

Chat ApplicationDefault.aspx:

```

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs"
Inherits="_Default" %>
<meta http-equiv="refresh" content="10" />
<!DOCTYPE html>

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

            </div>
            <asp:TextBox ID="TextBox1" runat="server" style="z-index: 1; left:
331px; top: 68px; position: absolute; height: 215px; width: 360px"
TextMode="MultiLine"></asp:TextBox>
            <asp:TextBox ID="TextBox2" runat="server" style="z-index: 1; left:
497px; top: 320px; position: absolute"></asp:TextBox>
            <asp:Button ID="Button1" runat="server" OnClick="Button1_Click"
style="z-index: 1; left: 448px; top: 374px; position: absolute" Text="Send" />
            <asp:Label ID="Label1" runat="server" style="z-index: 1; left: 382px;
top: 326px; position: absolute" Text="Message:"></asp:Label>
        </form>
    </body>
</html>

```

Default.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 _Default : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        TextBox1.Text = (string)Application["message"];
    }

    protected void Button1_Click(object sender, EventArgs e)
    {
        string message = TextBox2.Text + "\n";
        Application.Lock();
        Application["message"] = (string)Application["message"] + message;
        Application.UnLock();
    }
}

```

Output:

Client 1:

```
Hello
Hey
From client 1
I am client 2
```

Message:

Client 2:

```
Hello
Hey
From client 1
```

Message: