Remaining Work Custom Validator:
WFValidation.aspx

```
<%@ Page Language="C#" AutoEventWireup="true"
CodeBehind="WFValidation.aspx.cs" Inherits="PracticalNo2All.WFValidation" %>

<!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" Font-Size="Large"
ForeColor="#CC0000" Text="Validation Demo"></asp:Label>
            <br />
            <br />
                    
            <asp:Label ID="Label2" runat="server" Text="Enter Name"></asp:Label>
            :             
            <asp:TextBox ID="txtName" runat="server"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="txtName" Display="Dynamic" ErrorMessage="Name
Required!!!" ForeColor="Red">Name is Mandatory!</asp:RequiredFieldValidator>
            <br />
                    
            <asp:Label ID="Label3" runat="server" Text="Password"></asp:Label>
                    
            <asp:TextBox ID="txtPass" runat="server"
TextMode="Password"></asp:TextBox>
            <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ControlToValidate="txtPass" Display="Dynamic" ErrorMessage="Password Please"
ForeColor="Red">Password Mandatory!</asp:RequiredFieldValidator>
            <asp:CustomValidator ID="CustomValidator2" runat="server"
ControlToValidate="txtPass" Display="Dynamic" ErrorMessage="Check Password"
OnServerValidate="CustomValidator2_ServerValidate">Please Enter Valid
Password</asp:CustomValidator>
            <br />
                    
```

```
        <asp:Label ID="Label4" runat="server" Text="Confirm
Password"></asp:Label>
    
        <asp:TextBox ID="txtConPass" runat="server"
TextMode="Password"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ControlToValidate="txtConPass" Display="Dynamic" ErrorMessage="Confirm
Password please" ForeColor="Red">Confirm Password is
Mandatory!</asp:RequiredFieldValidator>
        <asp:CompareValidator ID="CompareValidator1" runat="server"
ControlToCompare="txtPass" ControlToValidate="txtConPass" Display="Dynamic"
ErrorMessage="Password not same"
ForeColor="#CC00FF"></asp:CompareValidator>
        <br />
           &nbs
p;       
        <asp:Label ID="Label5" runat="server" Text="Enter Age:"></asp:Label>
           &nbs
p;     
        <asp:TextBox ID="txtAge" runat="server"
TextMode="Number"></asp:TextBox>
        <asp:RangeValidator ID="RangeValidator1" runat="server"
ControlToValidate="txtAge" Display="Dynamic" ErrorMessage="Age is Not in Age
limit" ForeColor="#CC0000" MaximumValue="50"
MinimumValue="18"></asp:RangeValidator>
        <br />
           &nbs
p;       
        <asp:Label ID="Label6" runat="server" Text="Enter Email:"></asp:Label>
           &nbs
p;  
        <asp:TextBox ID="txtEmail" runat="server"
TextMode="Email"></asp:TextBox>
        <asp:RegularExpressionValidator ID="RegularExpressionValidator1"
runat="server" ControlToValidate="txtEmail" Display="Dynamic"
ErrorMessage="Check Email ID" ForeColor="#CC0000" SetFocusOnError="True"
ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-.]\w+)*">Please Enter
Proper Email</asp:RegularExpressionValidator>
        <br />

           &nbs
p;      <br />
        <br />
           &nbs
p;           &n
bsp;           
       
        <asp:Button ID="btnSubmit" runat="server" Font-Size="Large"
Text="Submit" OnClick="btnSubmit_Click" />
        <br />
```
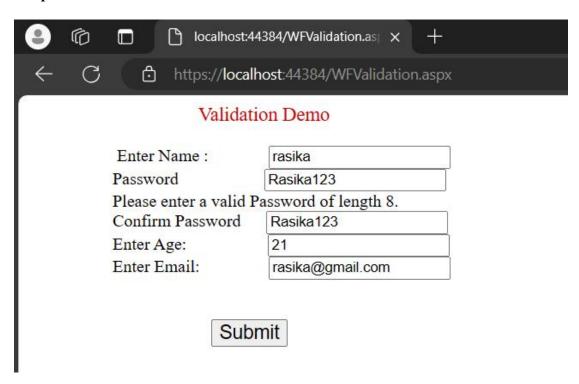
```
            <br />
            <br />
        </div>
    </form>
</body>
</html>
```

WFValidation.aspx.cs

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

namespace PracticalNo2All
{
    public partial class WFValidation : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            lblCustm1.Text = "";
        }

        protected void btnSubmit_Click(object sender, EventArgs e)
        {

        }

        protected void CustomValidator2_ServerValidate(object source,
ServerValidateEventArgs args)
        {
            if (txtPass.Text.Length == 8)
            {
                string passWord = txtPass.Text;
                if (!ValidatePassword(passWord))
                {
                    lblCustm1.Text = "Please enter a valid Password with these constraints:
One Special Character, One Lowercase, One Uppercase, and Any Digit 0-9.";
                }
            }
            else
            {
                lblCustm1.Text = "Please enter a valid Password of length 8.";
            }
        }

        static bool ValidatePassword(string passWord)
        {
            int validConditions = 0;
```

```csharp
        foreach (char c in passWord)
        {
            if (c >= 'a' && c <= 'z')
            {
                validConditions++;
                break;
            }
        }
        if (validConditions == 0) return false;
        foreach (char c in passWord)
        {
            if (c >= 'A' && c <= 'Z')
            {
                validConditions++;
                break;
            }
        }
        if (validConditions == 1) return false;
        foreach (char c in passWord)
        {
            if (c >= '0' && c <= '9')
            {
                validConditions++;
                break;
            }
        }
        if (validConditions == 2) return false;

        // Check for special characters
        char[] special = { '@', '#', '$', '%', '^', '&', '+', '=' };
        foreach (char c in passWord)
        {
            if (special.Contains(c))
            {
                validConditions++;
                break;
            }
        }

        // Ensure that all conditions are met
        return validConditions == 4;
    }

    }
}
```

Output:

Validation Demo

Enter Name :   rasika
Password   Ras@%123

Confirm Password   Ras@%123
Enter Age: 17   Age is Not in Age limit
Enter Email: rasika@gmail.com

Submit

Validation Demo

Enter Name :   rasika
Password   Ras@%123

Confirm Password   Ras@%124   Password not same
Enter Age: 17   Age is Not in Age limit
Enter Email: rasika@gmail.com

Submit