1. Create an empty ASP.NET Web Forms project 2. Add an .aspx web page (default.aspx) 3. Place a label “Phone:” and a server-side TextBox control next to it on the Default.aspx page a. The Phone TextBox should accept all reasonable 10-digit US phone formats (like 800-123-4567, 800.123.4567, (800) 123-4567, 800 123 4567, 8001234567, and any other combination of periods, dashes, and spaces) b. Client-side format them as (800) 123-4567 (on/after entry) 4. Place a server-side button “Add” on the bottom of the page. When “Add” button is clicked and the entered phone is valid, store the phone in a local file. File format is left to your discretion. a. Validate (server-side) for invalid entry and display error message to the user if unable to parse user input. b. Validate for duplicates against the local file and, i. If a duplicate is found, prevent the phone from being added to the local file. Display an error message to the user indicating that duplicate phones are not allowed. ii. Otherwise, insert the new phone into the local file in the sorted numerical order. iii. Duplicate entry search, sort, and inserts should be performed within the same single loop

Aspx File

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="mindteck.aspx.cs" Inherits="Assignment5.mindteck" %>

<!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:Label ID="txtnumber" runat="server" Text="Enter Your Number"></asp:Label>

&nbsp;

<asp:TextBox ID="txtno" runat="server"></asp:TextBox>

&nbsp;<asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server" ControlToValidate="txtno" ErrorMessage="Mobile No Should Be Proper" ForeColor="Red" ValidationExpression="[0-9]{10}"></asp:RegularExpressionValidator>

<br />

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<asp:Button ID="txtadd" runat="server" OnClick="txtadd\_Click" Text="Add" />

</form>

</body>

</html>

Aspx.cs File

------------------------------------------------------->>>>>>>>>>>>>>

using System;

using System.Collections.Generic;

using System.IO;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace Assignment5

{

public partial class mindteck : System.Web.UI.Page

{

public int Flag { get; private set; }

protected void Page\_Load(object sender, EventArgs e)

{

}

protected void txtadd\_Click(object sender, EventArgs e)

{

var result = "";

var PhoneNo = txtno.Text;

var userData = Environment.NewLine + PhoneNo;

var dataFile = Server.MapPath("~/App\_Data/Poulami.txt");

//File.WriteAllText(@dataFile,userData);

var copy = File.ReadAllLines(dataFile);

int g = 0;

for (int i = 0; i < copy.Length; i++)

{

if (copy[i] == PhoneNo)

{

Response.Write("The Number Is already Exist");

g = 1;

break;

}

}

if(g == 0)

{

File.AppendAllText(@dataFile, userData);

}

result = "Information saved.";

}

}

}