﻿using System;

using System.Collections.Generic;

using System.Data.SqlClient;

using System.IO;

using System.Linq;

using System.Text.RegularExpressions;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace WebErgasia

{

public partial class WebForm1 : System.Web.UI.Page

{

String telephone;

String email;

bool ok1, ok2, ok3, ok4, ok5, ok6, ok7, ok8,ok9;

String pic;

string username, password;

//Method used for update command(update photo)

protected void Button3\_Click(object sender, EventArgs e)

{

if (FileUpload1.FileName != null && !FileUpload1.FileName.Equals(""))

{

string extension = Path.GetExtension(FileUpload1.PostedFile.FileName);

//Check the extension of the file selected

if (extension.Equals(".jpg") || extension.Equals(".jpeg") || extension.Equals(".png"))

{

//Relative path of image

pic = "Images/" + FileUpload1.FileName;

if (!(TextBox2.Text.Equals("") || TextBox2.Text.Equals(null) || TextBox3.Text.Equals("") || TextBox3.Text.Equals("")))

SqlDataSource1.UpdateCommand = "Update Table1 Set Picture='" + pic + "' where ContactName='" + TextBox2.Text + "'and ContactFullName='" + TextBox3.Text + "' ";

SqlDataSource1.Update();

}

else

{

//The extension does not correspond the image extension

Message.Show(this, "Wrong format of image");

pic = "";

}

}

else

{

pic = "";

Message.Show(this, "Photo not selected");

}

}

//Fires before update command of Sql Data Source is executed

protected void GridView1\_RowUpdating(object sender, GridViewUpdateEventArgs e)

{

try

{

//Check the Row Updating contents of each cell(new values)

ok1 = isValidTelephone(e.NewValues[2].ToString());

ok5 = isValidEmail(e.NewValues[3].ToString());

ok2 = CheckIfNotNull(e.NewValues[1].ToString());

ok3 = CheckIfNotNull(e.NewValues[4].ToString());

ok4 = CheckIfNotNull(e.NewValues[0].ToString());

ok6 = CheckIfNotNull(e.NewValues[5].ToString());

ok7 = CheckIfNotNull(e.NewValues[6].ToString());

ok8 = String.IsNullOrEmpty(e.NewValues[8].ToString());

ok9 = CheckTheDate(e.NewValues[7].ToString());

if (ok1 && ok2 && ok3 && ok4 && ok5 && ok6 && ok7 && !ok8 &&ok9)

{

//Update operation will be completed

}

else

{

//Cancel Update Operation

e.Cancel = true;

}

}

catch

{

//New values of the row are not correct.Operation failed.

Message.Show(this, "A field is empty or null ");

e.Cancel = true;

}

}

protected void GridView1\_SelectedIndexChanged(object sender, EventArgs e)

{

//Fires when a row is selected

String s = "Hi " + ".My name is " + GridView1.SelectedRow.Cells[2].Text + " " + GridView1.SelectedRow.Cells[3].Text

+ " and i live in " + GridView1.SelectedRow.Cells[8].Text +" , " + GridView1.SelectedRow.Cells[7].Text + ", " + GridView1.SelectedRow.Cells[6].Text + " .My telehone number in case you need me is "

+ GridView1.SelectedRow.Cells[4].Text + " and my email is " + GridView1.SelectedRow.Cells[5].Text + " .Finally I was born in " + GridView1.SelectedRow.Cells[9].Text;

//Show message

Message.Show(this, s);

//Unselect the row

GridView1.SelectedIndex = -1;

}

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

{

//Set color of the form

Body.Attributes.Add("bgcolor", "MintCream");

// to get these values by using QueryString we use Parameter values with variable names

username = Request.QueryString["username"];

password= Request.QueryString["password"];

Label1.Text = "Welcome to our Address Book User " + username;

}

protected void Button1\_Click(object sender, EventArgs e)

{

/\*Redirect to Search.aspx and send values of username

and password(using QueryString) to other page

\*/

Page.Response.Redirect("Search.aspx?username=" +

username + "&password=" +

password);

}

public Boolean isValidTelephone(String tel)

{

//Telephone number contained by ten numbers

telephone = tel;

string pattern = "^[0-9]{10}$";

if (telephone.Equals("") || telephone == null)

{

Message.Show(this, "Empty or null telephone");

return false;

}

else if (!Regex.IsMatch(telephone, pattern))

{

Message.Show(this, "Numbers in telephone only and total 10 needed to be valid !!!");

return false;

}

else

{

return true;

}

}

protected void Button2\_Click(object sender, EventArgs e)

{

/\*Redirect to Add.aspx and send values of username

and password(using QueryString) to oher page

\*/

Page.Response.Redirect("Add.aspx?username=" +

username + "&password=" +

password);

}

public Boolean isValidEmail(String em)

{

//Check if email is valid

email = em;

string pattern = "^[a-zA-Z0-9\_+&\*-]+(?:\\." +

"[a-zA-Z0-9\_+&\*-]+)\*@" +

"(?:[a-zA-Z0-9-]+\\.)+[a-z" +

"A-Z]{2,7}$";

if (email.Equals("") || email == null)

{

Message.Show(this, "Email null or empty");

return false;

}

else if (!Regex.IsMatch(email, pattern))

{

Message.Show(this, "Email not follows the standards");

return false;

}

else

{

return true;

}

}

//Check if a textbox is null or not

public Boolean CheckIfNotNull(string something)

{

if (something.Equals("") || something.Equals(null))

{

Message.Show(this, "The update operation can not be copleted because a filed is null ");

return false;

}

else

{

return true;

}

}

Boolean CheckTheDate(string s)

{

String date;

DateTime date1;

//Parse string s to DateTime

if (DateTime.TryParse(s, out date1))

{

//Replace dDate in a specified string representation

date = String.Format("{0:d/MM/yyyy}", date1);

DateTime today = DateTime.Now;

if (date1.Year == today.Year && date1.Month == today.Month && date1.Day > today.Day)

{

Message.Show(this, "Wrong date.Try again");

return false;

}

else if(date1.Year==today.Year && date1.Month > today.Month)

{

Message.Show(this, "Wrong date.Try again!!!");

return false;

}

else if (date1.Year > today.Year)

{

Message.Show(this, "Wrong date.Try again");

return false;

}

else if (date1.Year >= 1900 && (date1.Month >= 1 && date1.Month <= 12) && (date1.Day >= 1 && date1.Day <= 31))

{

return true;

}

else

{

Message.Show(this, "Wrong date!");

return false;

}

}

else

{

Message.Show(this,"Date is absolute wrong");

return false;

}

}

}

}