﻿using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

using System.Text.RegularExpressions;

using System.IO;

namespace WebErgasia

{

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

{

string email;

string telephone;

string fname;

string lname;

string country;

string city;

string address;

string pic;

bool dateValid=false;

string username;

string date;

string password;

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

{

//Set color of web form,request using query string the username and password

//of the user and set imagebutton1 relative url

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

username = Request.QueryString["username"];

password = Request.QueryString["password"];

ImageButton1.ImageUrl = "pictures/Home.png";

}

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

{

//Clear all values and data by redirecting

Response.Redirect(Request.Url.AbsoluteUri);

}

/\*Method to check whereas the email is valid or not using regular expression.

\* Also checks if textbox6 text is empty or null

\*/

public Boolean isValidEmail()

{

email = TextBox6.Text;

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 Telephone number is contained by ten numbers

public Boolean isValidTelephone()

{

telephone = TextBox3.Text;

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;

}

}

//Check if TextBox is null or empty

public Boolean CheckIfNotNull(string something,int i)

{

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

{

Message.Show(this,"Type something in textbox " + i );

return false;

}

else

{

return true;

}

}

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

{

fname = TextBox9.Text;

lname = TextBox2.Text;

country = TextBox5.Text;

city = TextBox4.Text;

address = TextBox7.Text;

pic = Image1.ImageUrl;

dateValid = CheckTheDate();

bool ok1 = isValidTelephone();

bool ok = isValidEmail();

bool ok2 = CheckIfNotNull(fname,1);

bool ok3 = CheckIfNotNull(lname,2);

bool ok4 = CheckIfNotNull(country,5);

bool ok5 = CheckIfNotNull(address,7);

bool ok6 = CheckIfNotNull(city,4);

bool ok7 = String.IsNullOrEmpty(Image1.ImageUrl);

if (ok && ok1 && ok2 &&ok3 &&ok4 && ok5 &&ok6 && dateValid &&!ok7 )

{

//The SqlDataSource data source control represents data in an SQL relational database to data-bound controls

SqlDataSource1.InsertCommand = "Insert into Table1" +

"(ContactName,ContactFullName,Telephone\_Number,EmailAddress,Country,City,Address,BirthDate,Picture,OwnerUser,[Password])" +

"values ('" + fname + "','" + lname + "','" + telephone + "','" + email + "','" + country + "','" + city + "','" + address + "','" + date+ "','" + pic + "','" + username + "','" + password + "')";

SqlDataSource1.Insert();

}

else

{

//Photo is not selected

if (ok7) {

Message.Show(this, "Photo field is not completed");

}

else

{

Message.Show(this,"A field is not completed properly");

}

}

}

//Check if the date is valid

Boolean CheckTheDate() {

DateTime date1 = Calendar1.SelectedDate;

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))

{

date = Calendar1.SelectedDate.Day.ToString() + "/" + Calendar1.SelectedDate.Month.ToString() + "/" + Calendar1.SelectedDate.Year.ToString();

Calendar1.SelectedDate = date1;

return true;

}

else

{

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

return false;

}

}

protected void Button4\_Click(object sender, EventArgs e)

{

String s = TextBox8.Text;

DateTime dDate;

//Parse string s to DateTime

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

{

//Replace dDate in a specified string representation

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

//Message.Show(this,"Everything ok");

Calendar1.SelectedDate = dDate;

Calendar1.VisibleDate = dDate;

}

}

protected void Button5\_Click(object sender, EventArgs e)

{

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

{

//Check the extension of the file selected

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

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

{

//Set image url based on the file selected from FileUpload

Image1.ImageUrl = "Images/" + FileUpload1.FileName;

//Message.Show(this, "Image Path " + Image1.ImageUrl);

}

else

{

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

Image1.ImageUrl = "";

}

}

else

{

Image1.ImageUrl = "";

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

}

}

//Send username and password data to WebForm1 again

protected void ImageButton1\_Click(object sender, ImageClickEventArgs e)

{

Page.Response.Redirect("Webform1.aspx?username=" +

username + "&password=" +

password);

}

protected void Calendar1\_SelectionChanged(object sender, EventArgs e)

{

//Textbox 8 Text value is calendar1 selected date

TextBox8.Text = Calendar1.SelectedDate.ToShortDateString();

}

}

}