Form1.cs

using System.ComponentModel.DataAnnotations;

using System.Security.Permissions;

using System.Text.RegularExpressions;

using System.Data.SqlClient;

using static System.Windows.Forms.VisualStyles.VisualStyleElement.ListView;

namespace WinFormsApp1

{

public partial class Form1 : Form

{

static bool flag = false;

bool val2=false;

public Form1()

{

InitializeComponent();

}

private void button1\_Click(object sender, EventArgs e)

{

bool f=email\_validation();

bool f1=false;

if (f == true) {

f1=password\_validation();

}

if (f1==true)

{

mobile\_validation();

}

}

public bool email\_validation()

{

string emailPattern = @"^\w+([-+.']\w+)\*@\w+([-.]\w+)\*\.\w+([-.]\w+)\*$";

flag = false;

while (flag == false)

{

if (Regex.IsMatch(textBox3.Text, emailPattern))

{

MessageBox.Show("Email Saved Successfully");

flag = true;

}

else

{

MessageBox.Show("Please enter a valid email address", "Email Validation", MessageBoxButtons.OK, MessageBoxIcon.Warning);

flag = false;

break;

}

}

return flag;

}

public bool password\_validation()

{

string password = textBox4.Text.Trim();

if (password.Length >= 8 && // At least 8 characters

Regex.IsMatch(password, @"\d") && // At least one digit

Regex.IsMatch(password, @"[A-Za-z]")) // At least one letter

{

MessageBox.Show("Password Saved Successfully");

return true;

}

else

{

MessageBox.Show("Please enter a valid password (at least 8 characters, including both letters and numbers)", "Password Validation", MessageBoxButtons.OK, MessageBoxIcon.Warning);

return false;

}

}

public bool mobile\_validation()

{

if (textBox2.Text.Length == 10)

{

flag = true;

MessageBox.Show("Mobile Number Saved Successfully");

}

else { flag = false;

MessageBox.Show("Enter 10 digit number");

}

return flag;

}

private void label2\_Click(object sender, EventArgs e)

{

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

private void button2\_Click(object sender, EventArgs e)

{

email\_validation();

password\_validation();

}

private void label1\_Click(object sender, EventArgs e)

{

}

private void textBox2\_TextChanged(object sender, EventArgs e)

{

}

private void textBox3\_TextChanged(object sender, EventArgs e)

{

}

private void textBox4\_TextChanged(object sender, EventArgs e)

{

// textBox4.PasswordChar = '\*';

}

private void label4\_Click(object sender, EventArgs e)

{

}

}

}