Lab 3 – Use the Windows form elements according to you domain and demonstrate it using the sql database.

Code –

Form1.cs –

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace EWMI_login
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void linkLabel2_LinkClicked(object sender,
LinkLabelLinkClickedEventArgs e)
        {
            Form2 f = new Form2();
            f.Show();
            this.Hide();


        }

        private void linkLabel1_LinkClicked(object sender,
LinkLabelLinkClickedEventArgs e)
        {
            Form3 f = new Form3();
            f.Show();
            this.Hide();
        }
    }
}
```

Form2.cs –

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace EWMI_login
{
    public partial class Form2 : Form
    {
        public Form2()
        {
            InitializeComponent();
        }

        private void label4_Click(object sender, EventArgs e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
            string fname, lname, gender, address, user, pass, cnf_pw;

            fname = textBox1.Text;
            lname = textBox2.Text;
            address = richTextBox1.Text;
            user = textBox3.Text;
            pass = textBox4.Text;
            cnf_pw = textBox5.Text;


            if (radioButton1.Checked)
            {
                gender = "Male";
            }
            else if (radioButton2.Checked)
            {
                gender = "Female";

            }
            else
            {
                gender = "Others";
            }

            if (!pass.Equals(cnf_pw))
            {
                MessageBox.Show("Password doesn't match", "Error in Password");
            }
            else
            {
                try
                {
```

```csharp
                string con_string = @"Data
Source=(LocalDB)\MSSQLLocalDB;AttachDbFilename=D:\CLG\sem5\.NET\AWMI\EWMI_login\Databa
se1.mdf;Integrated Security=True";

                SqlConnection sqlCon = new SqlConnection(con_string);

                string query = "insert into
register_user(firstname,lastname,gender,address,username,password) values('" + fname +
"','" + lname + "','" + gender + "','" + address + "','" + user + "','" + pass + "')";

                SqlCommand command = new SqlCommand(query, sqlCon);

                sqlCon.Open();

                int i = command.ExecuteNonQuery();

                if (i > 0)
                {
                    MessageBox.Show("Connection successful", "Successful");
                }
                else
                {
                    MessageBox.Show("Connection Unsuccessful", "Failed");
                }

                sqlCon.Close();
            }
            catch (SqlException e1)
            {
                MessageBox.Show(e1.Message);
            }
        }
    }

    private void richTextBox1_TextChanged(object sender, EventArgs e)
    {

    }

    private void linkLabel1_LinkClicked(object sender,
LinkLabelLinkClickedEventArgs e)
    {
        Form1 f = new Form1();
        f.Show();
        this.Hide();
    }
    }
}
```

Form3.cs –

```csharp
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace EWMI_login
{
    public partial class Form3 : Form
    {
        public Form3()
        {
            InitializeComponent();
        }

        private void linkLabel1_LinkClicked(object sender,
LinkLabelLinkClickedEventArgs e)
        {
            Form1 f = new Form1();
            f.Show();
            this.Hide();
        }
    }
}
```

Screenshots of the Output –

A) Login screen

B) Click on new user:

C) Filling details

D) Passwords doesn't match

E) Click Register

F) Database confirmation

G) Username is primary so no insertion on duplicate username :

H) Go back to login and clicking forgot password.