using ProgramaBLL;

using ProgramaUtilidades;

using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace ProgramaUI

{

public partial class Form1 : Form

{

private SqlDataAdapter da;

private DataTable dt;

private SqlConnection con;

private DataGridView dgv;

private TableLayoutPanel tlp;

private UCTabla tablaUC;

private UCGrafica graficaUC;

private string consulta;

private string cadena;

public Form1()

{

InitializeComponent();

cadena = "Data Source =server16; Initial Catalog =Northwind; Persist Security Info = True; User ID =am; Password = 666666";

tlp = tlp0;

ProgramaVO programaVO = new ProgramaVO(cadena);

//crea la conexion en el DAL a través de BLL

OperacionesBLL opBLL = new OperacionesBLL();

con = opBLL.CrearConexion(programaVO);

// Crea un datatable en el DAL a través del BLL

//consulta = "SELECT \* FROM Northwind.dbo.Orders";

consulta = "SELECT EmployeeID, SUM(Freight) as total FROM Northwind.dbo.Orders GROUP BY EmployeeID ORDER BY EmployeeID";

da = new SqlDataAdapter(consulta,con);

dt = opBLL.CrearDataTable(da);

//Pasamos el datatable al DataGridView

dgv = new DataGridView();

//tablaUC.dgv.DataSource = dt;

tablaUC = new UCTabla(dt);

//tlp.Controls.Add(tablaUC, 0, 1);

graficaUC = new UCGrafica(dt);

}

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

{

tlp.Controls.Add(tablaUC, 0, 1);

}

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

{

tlp.Controls.Add(graficaUC, 1, 1);

}

}

}

public class OperacionesBLL

{

private SqlConnection conexion;

private DataTable dt;

public SqlConnection CrearConexion(ProgramaVO programaVO)

{

OperacionesDAL opDAL = new OperacionesDAL();

conexion = opDAL.Conectar(programaVO);

return conexion;

}

public DataTable CrearDataTable(SqlDataAdapter da)

{

OperacionesDAL opDAL = new OperacionesDAL();

dt = opDAL.CrearDataTable(da);

return dt;

}

}

public class OperacionesDAL

{

private DataTable dt;

private SqlConnection con;

public SqlConnection Conectar(ProgramaVO programaVO)

{

try

{

con = new SqlConnection(programaVO.Cadena);

con.Open();

MessageBox.Show("Conectado a la base de datos");

}

catch

{

MessageBox.Show("La conexión a la base de datos no se ha podido realizar");

}

return con;

}

public DataTable CrearDataTable(SqlDataAdapter da)

{

dt = new DataTable();

da.Fill(dt);

return dt;

}

}