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using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using MySql.Data.MySqlClient;
using System.Configuration;
using System.Data.SqlClient;

namespace Bibliotecal
{
    public partial class Biblioteca : Form
    {
        DateTime varDate;

        public Biblioteca()
        {
            InitializeComponent();
        }

        private void btnMostrarLibros_Click(object sender, EventArgs e)
        {
            String cadenaCnx = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";
            MySqlConnection cnx = new MySqlConnection(cadenaCnx);
            MySqlCommand cmd = new MySqlCommand("Select * from libros;",
cnx);
            DataTable dt = new DataTable();
            try
            {
                cnx.Open();
                dt.Load(cmd.ExecuteReader());
                dgvResultadosBusqueda.DataSource = dt;
            }
            catch (Exception)
            {
                MessageBox.Show("ERROR");
            }
            finally
            {
                cnx.Close();
            }
        }

        private void btnMostrarUsuarios_Click(object sender, EventArgs e)
        {
            String cadenaCnx = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";
            MySqlConnection cnx = new MySqlConnection(cadenaCnx);

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        MySqlCommand cmd = new MySqlCommand("Select * from
usuarios;", cnx);
        DataTable dt = new DataTable();
        try
        {
            cnx.Open();
            dt.Load(cmd.ExecuteReader());
            dgvResultadosBusqueda.DataSource = dt;
        }
        catch (Exception)
        {
            MessageBox.Show("ERROR");
        }
        finally
        {
            cnx.Close();
        }
    }

    private void btnInsertarUsuario_Click(object sender, EventArgs e)
    {

        string myConnectionString = "";

        myConnectionString = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";

        MySqlConnection myConnection = new
MySqlConnection(myConnectionString);
        string myInsertQuery = "INSERT INTO usuarios
(u_UsuarioID, u_Nombre, u_ApellidoPaterno, u_ApellidoMaterno, u_Calle,
u_Numero, u_Colonia, u_Telefono, u_Observaciones, u_Email)
Values(?u_UsuarioID, ?u_Nombre, ?u_ApellidoPaterno, ?u_ApellidoMaterno,
?u_Calle, ?u_Numero, ?u_Colonia, ?u_Telefono, ?u_Observaciones,
?u_Email)";

        MySqlCommand myCommand = new
MySqlCommand(myInsertQuery);
        myCommand.Parameters.Add("?u_UsuarioID",
MySqlDbType.VarChar, 255).Value = txtClaveUsuario.Text;
        myCommand.Parameters.Add("?u_Nombre",
MySqlDbType.VarChar, 255).Value = txtNombre.Text;
        myCommand.Parameters.Add("?u_ApellidoPaterno",
MySqlDbType.VarChar, 255).Value = txtApellidoPaterno.Text;
        myCommand.Parameters.Add("?u_ApellidoMaterno",
MySqlDbType.VarChar, 255).Value = txtApellidoMaterno.Text;
        myCommand.Parameters.Add("?u_Calle",
MySqlDbType.VarChar, 255).Value = txtCalle.Text;
        myCommand.Parameters.Add("?u_Numero",
MySqlDbType.VarChar, 255).Value = txtNumero.Text;
        myCommand.Parameters.Add("?u_Colonia",
MySqlDbType.VarChar, 255).Value = txtColonia.Text;
        myCommand.Parameters.Add("?u_Telefono",
MySqlDbType.VarChar, 255).Value = txtTelefono.Text;
        myCommand.Parameters.Add("?u_Observaciones",
MySqlDbType.VarChar, 255).Value = txtObservaciones.Text;

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        myCommand.Parameters.Add("?u_Email",
MySqlDbType.VarChar, 255).Value = txtEmail.Text;

        myCommand.Connection = myConnection;
        myConnection.Open();
        myCommand.ExecuteNonQuery();
        myCommand.Connection.Close();

        Guardado g = new Guardado();
        g.Show();
    }

    private void btnLimpiarUsuario_Click(object sender, EventArgs e)
    {
        txtClaveUsuario.Text = "";
        txtNombre.Text = "";
        txtApellidoPaterno.Text = "";
        txtApellidoMaterno.Text = "";
        txtCalle.Text = "";
        txtNumero.Text = "";
        txtColonia.Text = "";
        txtTelefono.Text = "";
        txtObservaciones.Text = "";
        txtEmail.Text = "";
    }

    private void btnInsertarLibro_Click(object sender, EventArgs e)
    {
        string myConnectionString2 = "";

        myConnectionString2 = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";

        MySqlConnection myConnection2 = new
MySqlConnection(myConnectionString2);
        string myInsertQuery2 = "INSERT INTO libros (l_LibroID,
l_Titulo, l_Autor, l_Editorial, l_Materia, l_Inventario)
Values(?l_LibroID, ?l_Titulo, ?l_Autor, ?l_Editorial, ?l_Materia,
?l_Inventario)";
        MySqlCommand myCommand2 = new MySqlCommand(myInsertQuery2);
        myCommand2.Parameters.Add("?l_LibroID", MySqlDbType.VarChar,
255).Value = txtISBNLibros.Text;
        myCommand2.Parameters.Add("?l_Titulo", MySqlDbType.VarChar,
255).Value = txtTitulo.Text;
        myCommand2.Parameters.Add("?l_Autor", MySqlDbType.VarChar,
255).Value = txtAutor.Text;
        myCommand2.Parameters.Add("?l_Editorial",
MySqlDbType.VarChar, 255).Value = txtEditorial.Text;
        myCommand2.Parameters.Add("?l_Materia", MySqlDbType.VarChar,
255).Value = txtMateria.Text;
        myCommand2.Parameters.Add("?l_Inventario",
MySqlDbType.Int16,11).Value = txtInventarioLibros.Text;

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myCommand2.Connection = myConnection2;
myConnection2.Open();
myCommand2.ExecuteNonQuery();
myCommand2.Connection.Close();

Guardado g = new Guardado();
g.Show();

}

private void btnLimpiarLibros_Click(object sender, EventArgs e)
{
    txtISBNLibros.Text = "";
    txtTitulo.Text= "";
    txtAutor.Text= "";
    txtEditorial.Text= "";
    txtMateria.Text= "";
    txtInventarioLibros.Text = "";
}

private void btnPrestamo_Click(object sender, EventArgs e)
{
    string myConnectionString2 = "";

    myConnectionString2 = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";

    MySqlConnection myConnection2 = new
MySqlConnection(myConnectionString2);

    string myInsertQuery2 = "INSERT INTO entregas (en_Usuario,
en_Libro, en_FechaSolicitud) Values(?en_Usuario, ?en_Libro,
?en_FechaSolicitud)"; MySqlCommand myCommand2 = new
MySqlCommand(myInsertQuery2);

    myCommand2.Parameters.Add("?en_Usuario", MySqlDbType.VarChar,
255).Value = txtUsuarioPrestamo.Text;
    myCommand2.Parameters.Add("?en_Libro", MySqlDbType.VarChar,
255).Value = txtLibroPrestamo.Text;

    //varDate = dtpPrestamos.Value;
    //txtFechaSolicitudPrestamo.Text = varDate.ToString();

    myCommand2.Parameters.Add("?en_FechaSolicitud",
MySqlDbType.Date).Value = txtFechaSolicitudPrestamo.Text;

    myCommand2.Connection = myConnection2;
myConnection2.Open();
myCommand2.ExecuteNonQuery();
myCommand2.Connection.Close();

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        Guardado g = new Guardado();
        g.Show();

    }

    private void btnMostrarPrestamos_Click(object sender, EventArgs
e)
    {
        String cadenaCnx = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";
        MySqlConnection cnx = new MySqlConnection(cadenaCnx);
        MySqlCommand cmd = new MySqlCommand("Select * from
entregas;", cnx);
        DataTable dt = new DataTable();
        try
        {
            cnx.Open();
            dt.Load(cmd.ExecuteReader());
            dgvResultadosBusqueda.DataSource = dt;
        }
        catch (Exception)
        {
            MessageBox.Show("ERROR");
        }
        finally
        {
            cnx.Close();
        }
    }

    private void btnLimpiarPrestamos_Click(object sender, EventArgs
e)
    {
        txtUsuarioPrestamo.Text = "";
        txtLibroPrestamo.Text = "";
        txtFechaSolicitudPrestamo.Text="";

    }

    private void btnDevolucion_Click(object sender, EventArgs e)
    {
        string myConnectionString2 = "";

        myConnectionString2 = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";

        MySqlConnection myConnection2 = new
MySqlConnection(myConnectionString2);

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        string myInsertQuery2 = "INSERT INTO devoluciones (d_Libro,
d_Usuario, d_FechaDevolucion) Values(?d_Libro, ?d_Usuario,
?d_FechaDevolucion)";
        MySqlCommand myCommand2 = new MySqlCommand(myInsertQuery2);

        myCommand2.Parameters.Add("?d_Libro", MySqlDbType.VarChar,
255).Value = txtISBNDevolucion.Text;
        myCommand2.Parameters.Add("?d_Usuario", MySqlDbType.VarChar,
255).Value = txtClaveUsuarioDevolucion.Text;
        myCommand2.Parameters.Add("?d_FechaDevolucion",
MySqlDbType.Date).Value = txtFechaDevolución.Text;

        myCommand2.Connection = myConnection2;
        myConnection2.Open();
        myCommand2.ExecuteNonQuery();
        myCommand2.Connection.Close();

        Guardado g = new Guardado();
        g.Show();
    }

    private void btnMostrarDevoluciones_Click(object sender,
EventArgs e)
    {
        String cadenaCnx = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";
        MySqlConnection cnx = new MySqlConnection(cadenaCnx);
        MySqlCommand cmd = new MySqlCommand("Select * from
devoluciones;", cnx);
        DataTable dt = new DataTable();
        try
        {
            cnx.Open();
            dt.Load(cmd.ExecuteReader());
            dgvResultadosBusqueda.DataSource = dt;
        }
        catch (Exception)
        {
            MessageBox.Show("ERROR");
        }
        finally
        {
            cnx.Close();
        }
    }

    private void btnLimpiarDevoluciones_Click(object sender,
EventArgs e)
    {
        txtISBNDevolucion.Text = "";
        txtClaveUsuarioDevolucion.Text = "";
        txtFechaDevolución.Text = "";
    }

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private void btnEliminarLibro_Click(object sender, EventArgs e)
{
    DeleteBook(txtISBNEliminar.Text);

    Eliminado el = new Eliminado();
    el.Show();
}

public static int DeleteBook(string bookID)
{
    String connStr = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";

    const string query = "DELETE FROM libros WHERE l_LibroID =
@l_LibroID";
    using (MySqlConnection conn = new MySqlConnection(connStr))
    {
        conn.Open();
        using (MySqlCommand cmd = new MySqlCommand(query, conn))
        {
            cmd.Parameters.Add(new MySqlParameter("@l_LibroID",
MySqlDbType.VarChar)).Value = bookID;
            return cmd.ExecuteNonQuery();
        }
    }
}

private void btnEliminarUsuario_Click(object sender, EventArgs e)
{
    DeleteUser(txtEliminarUsuario.Text);

    Eliminado el = new Eliminado();
    el.Show();
}

public static int DeleteUser(string userID)
{
    String connStr = "Server=localhost; Port=3306;
Database=biblioteca;Uid=root;Pwd=dark;";

    const string query = "DELETE FROM usuarios WHERE u_UsuarioID
= @u_UsuarioID";
    using (MySqlConnection conn = new MySqlConnection(connStr))
    {
        conn.Open();
        using (MySqlCommand cmd = new MySqlCommand(query, conn))
        {
            cmd.Parameters.Add(new MySqlParameter("@u_UsuarioID",
MySqlDbType.VarChar)).Value = userID;
            return cmd.ExecuteNonQuery();
        }
    }
}

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    }

    private void btnLimpiarEliminar_Click(object sender, EventArgs e)
    {
        txtISBNEliminar.Text = "";
        txtEliminarUsuario.Text = "";
    }

    private void btnFormaEditorialMateria_Click(object sender,
    EventArgs e)
    {
        EditorialMateria em = new EditorialMateria();
        em.Show();
    }

    private void txtFechaSolicitudPrestamo_TextChanged(object sender,
    EventArgs e)
    {
        toolTipFechaSolicitud.Show("Fecha: mes/día/año",
        txtFechaSolicitudPrestamo);
    }

    private void txtFechaDevolución_TextChanged(object sender,
    EventArgs e)
    {
        toolTipFechaSolicitud.Show("Fecha: mes/día/año",
        txtFechaSolicitudPrestamo);
    }

}
}
```