**KẾT NỐI**

using System;

using System.Collections.Generic;

using System.Data;

using System.Data.SqlClient;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace QLTV

{

class DBConnection

{

SqlConnection con;

SqlCommand cm;

SqlDataAdapter da;

DataTable dt;

public void Connect()

{

if (con == null)

{

con = new SqlConnection(@"Data Source=DESKTOP-4S7OV54\SQLEXPRESS;Initial Catalog=QLTV;User ID=sa;Password=Nguyentai");

}

if (con.State == ConnectionState.Closed)

{

con.Open();

}

}

public void Disconect()

{

if (con != null && con.State == ConnectionState.Open)

{

con.Close();

}

}

//select

public DataTable getData(string sql)

{

Connect();

da = new SqlDataAdapter(sql, con);

dt = new DataTable();

da.Fill(dt);

Disconect();

return dt;

}

//insert+update

public int ExcuteNonQuery(string sql)

{

Connect();

cm = new SqlCommand(sql, con);

int status = cm.ExecuteNonQuery();

Disconect();

return status;

}

}

}



**ĐĂNG NHẬP**

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 QLTV

{

public partial class frmdangnhap : Form

{

public static string manhanvien;

DBConnection db = new DBConnection();

public frmdangnhap()

{

InitializeComponent();

}

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

{

string sql = @"SELECT madocgia AS ma, 'docgia' AS 'loai' FROM DOCGIA dg

WHERE dg.madocgia='"+txttaikhoan.Text+"' AND dg.matkhau='"+txtmatkhau.Text+"' UNION SELECT manhanvien AS ma, 'nhanvien' AS 'loai' FROM NHANVIEN nv WHERE nv.manhanvien='"+txttaikhoan.Text+"' AND nv.matkhau='"+txtmatkhau.Text+"'";

DataTable dt = db.getData(sql);

if (dt.Rows.Count>0)

{

manhanvien = dt.Rows[0][0].ToString();

MessageBox.Show("Đăng nhập thành công", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

frmmain fm = new frmmain();

this.Hide();

fm.ShowDialog();

}

else

{

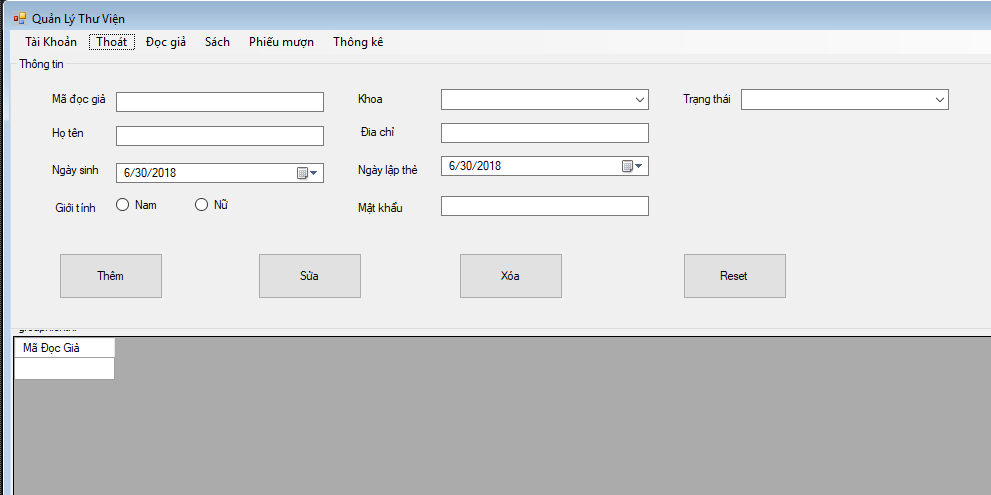
MessageBox.Show("Đăng nhập thất bại", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

}

}

}

}



**MAIN**

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 QLTV

{

public partial class frmmain : Form

{

DBConnection db = new DBConnection();

DataTable dt;

public frmmain()

{

InitializeComponent();

}

private void frmmain\_Load(object sender, EventArgs e)

{

meTaikhoan.Text = frmdangnhap.manhanvien;

dt = db.getData("SELECT \* FROM DOCGIA");

grvdanhsach.DataSource = dt;

dt = db.getData("SELECT makhoa,tenkhoa FROM KHOA");

cbbkhoa.DataSource = dt;

cbbkhoa.DisplayMember = "tenkhoa";

cbbkhoa.ValueMember = "makhoa";

}

//chongioitinh

public string chongt()

{

string gt;

if (rdbnam.Checked == true)

{

return gt = rdbnam.Text;

}

else

{

return gt = rdbnu.Text;

}

}

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

{

string sql = @"UPDATE DOCGIA SET hoten=N'"+txthoten.Text+"',ngaysinh='"+dtpngaysinh.Text+"',gioitinh=N'"+chongt()+"',makhoa='"+cbbkhoa.SelectedValue.ToString()+"',diachi=N'"+txtdiachi.Text+"',ngaylapthe='"+dtpngaylapthe.Text+"',matkhau='"+txtpassword.Text+"',trangthai='"+cbbtrangthai.Text+"' WHERE madocgia='"+txtmadocgia.Text+"'";

int status = db.ExcuteNonQuery(sql);

if (status > 0)

{

MessageBox.Show("Sửa thành công", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

frmmain\_Load(sender, e);

}

else

{

MessageBox.Show("Sửa thất bại", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

}

}

//kiem tra gioi tinh

public int ktgioitinh(string gt)

{

if (gt == "Nam")

{

return 1;

}

else

{

return 0;

}

}

private void grvdanhsach\_CellClick(object sender, DataGridViewCellEventArgs e)

{

txtmadocgia.ReadOnly = true;

DataGridViewRow row = new DataGridViewRow();

row = grvdanhsach.Rows[e.RowIndex];

txtmadocgia.Text = row.Cells[0].Value.ToString();

txthoten.Text = row.Cells[1].Value.ToString();

dtpngaysinh.Text = row.Cells[2].Value.ToString();

if (ktgioitinh(row.Cells[3].Value.ToString()) == 1)

{

rdbnam.Checked = true;

}

else

{

rdbnu.Checked = true;

}

cbbkhoa.SelectedValue = row.Cells[4].Value.ToString();

txtdiachi.Text = row.Cells[5].Value.ToString();

dtpngaylapthe.Text = row.Cells[6].Value.ToString();

txtpassword.Text = row.Cells[7].Value.ToString();

cbbtrangthai.Text = row.Cells[8].Value.ToString();

}

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

{

txtmadocgia.ReadOnly = false;

txtmadocgia.ResetText();

txthoten.ResetText();

dtpngaysinh.ResetText();

dtpngaylapthe.ResetText();

txtdiachi.ResetText();

txtpassword.ResetText();

cbbkhoa.ResetText();

cbbkhoa.ResetText();

}

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

{

string sql = "INSERT INTO DOCGIA VALUES(N'"+txtmadocgia.Text+"',N'"+txthoten.Text+"','"+DateTime.Parse(dtpngaysinh.Text).ToString("yyyy/MM/dd") + "',N'"+chongt()+"','" + cbbkhoa.SelectedValue.ToString() + "','"+txtdiachi.Text+"','"+DateTime.Parse(dtpngaylapthe.Text).ToString("yyyy/MM/dd")+"','"+txtpassword.Text+"','"+cbbtrangthai.Text+"')";

int status = db.ExcuteNonQuery(sql);

if (status > 0)

{

MessageBox.Show("Thêm thành công", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

frmmain\_Load(sender, e);

}

else

{

MessageBox.Show("Thêm thất bại", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

}

}

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

{

string sql = "DELETE FROM DOCGIA WHERE madocgia='" + txtmadocgia.Text + "'";

int status = db.ExcuteNonQuery(sql);

if (status > 0)

{

MessageBox.Show("Xóa thành công", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

frmmain\_Load(sender, e);

}

else

{

MessageBox.Show("Xóa thất bại", "Thông báo", MessageBoxButtons.OKCancel, MessageBoxIcon.Information);

}

}

private void grthongtin\_Enter(object sender, EventArgs e)

{

}

}

}