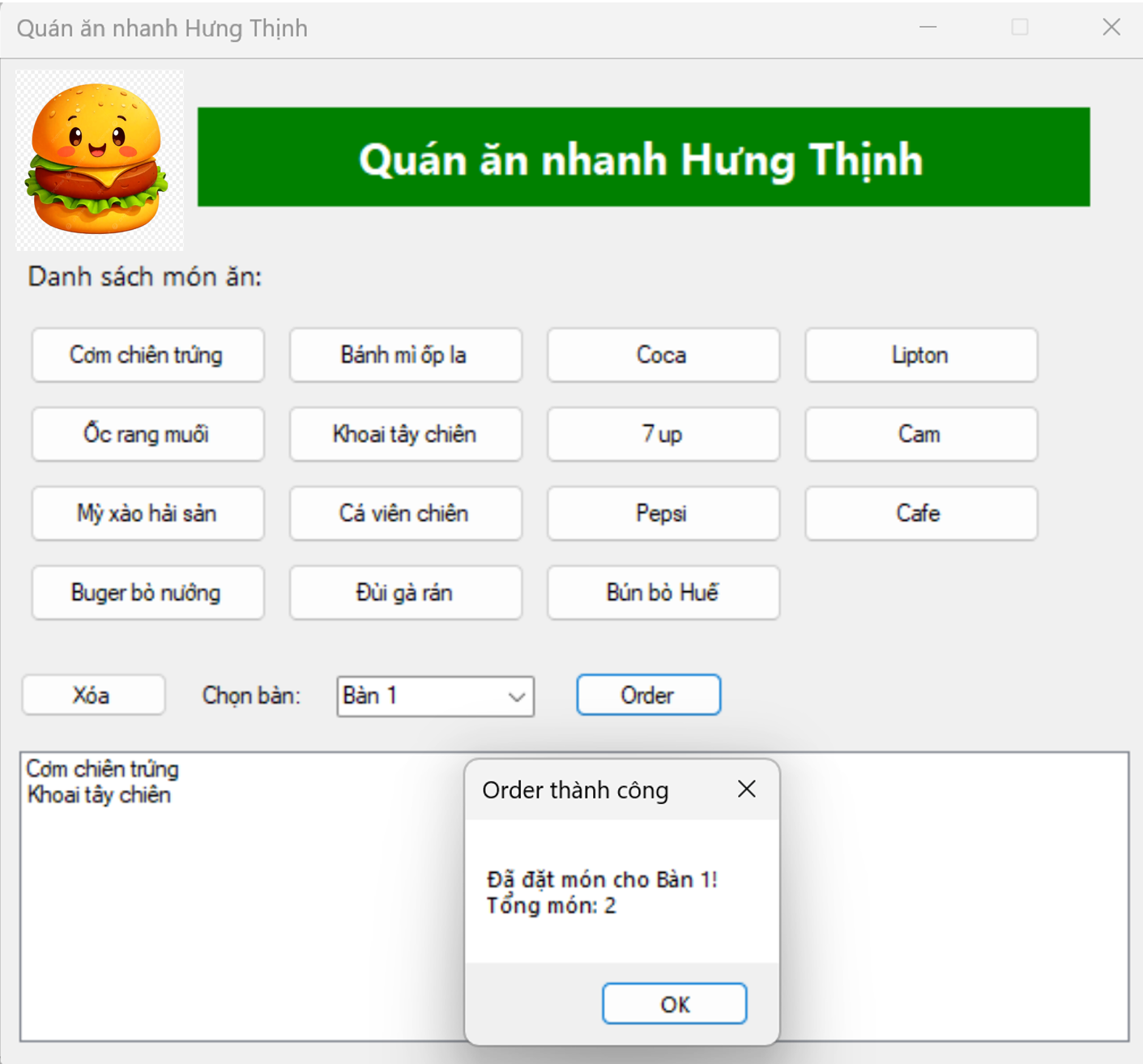
***Tên: Nguyễn Hoàng Tiến Đạt***

***Lớp: 11\_ĐH\_CNPM1***

***Mã SV: 1150080011***

**Lab 3:**

Bài thực hành 1:



Code:

using System;

using System.Drawing;

using System.Linq;

using System.Windows.Forms;

using TienDat;

namespace TienDat

{

public partial class Form2 : Form

{

Label lblTieuDe, lblDanhSach, lblChonBan;

PictureBox pictureLogo;

FlowLayoutPanel panelMonAn;

ComboBox comboBoxBan;

Button btnOrder, btnXoa;

ListBox listBoxOrder;

public Form2()

{

// Cấu hình form

this.Text = "Quán ăn nhanh Hưng Thịnh";

this.Size = new Size(600, 550);

this.StartPosition = FormStartPosition.CenterScreen;

this.FormBorderStyle = FormBorderStyle.FixedDialog;

this.MaximizeBox = false;

// Logo

pictureLogo = new PictureBox();

pictureLogo.Size = new Size(80, 80);

pictureLogo.Location = new Point(10, 10);

pictureLogo.SizeMode = PictureBoxSizeMode.StretchImage;

try

{

pictureLogo.Image = Image.FromFile("burger.png"); // ảnh trong cùng thư mục .exe

}

catch

{

pictureLogo.BackColor = Color.LightGray;

pictureLogo.BorderStyle = BorderStyle.FixedSingle;

}

// Tiêu đề

lblTieuDe = new Label();

lblTieuDe.Text = "Quán ăn nhanh Hưng Thịnh";

lblTieuDe.Font = new Font("Segoe UI", 16, FontStyle.Bold);

lblTieuDe.ForeColor = Color.White;

lblTieuDe.BackColor = Color.Green;

lblTieuDe.TextAlign = ContentAlignment.MiddleCenter;

lblTieuDe.Location = new Point(100, 25);

lblTieuDe.Size = new Size(450, 50);

// Danh sách món ăn

lblDanhSach = new Label();

lblDanhSach.Text = "Danh sách món ăn:";

lblDanhSach.Font = new Font("Segoe UI", 10, FontStyle.Regular);

lblDanhSach.Location = new Point(10, 100);

lblDanhSach.Size = new Size(200, 20);

// Panel chứa các nút món ăn

panelMonAn = new FlowLayoutPanel();

panelMonAn.Location = new Point(10, 130);

panelMonAn.Size = new Size(560, 160);

panelMonAn.WrapContents = true;

string[] monAn = {

"Cơm chiên trứng", "Bánh mì ốp la", "Coca", "Lipton",

"Ốc rang muối", "Khoai tây chiên", "7 up", "Cam",

"Mỳ xào hải sản", "Cá viên chiên", "Pepsi", "Cafe",

"Buger bò nướng", "Đùi gà rán", "Bún bò Huế"

};

foreach (string item in monAn)

{

Button btn = new Button();

btn.Text = item;

btn.Width = 120;

btn.Height = 30;

btn.Margin = new Padding(5);

btn.Click += BtnMonAn\_Click;

panelMonAn.Controls.Add(btn);

}

// Nút Xóa

btnXoa = new Button();

btnXoa.Text = "Xóa";

btnXoa.Location = new Point(10, 310);

btnXoa.Click += BtnXoa\_Click;

// Label chọn bàn

lblChonBan = new Label();

lblChonBan.Text = "Chọn bàn:";

lblChonBan.Location = new Point(100, 315);

lblChonBan.Size = new Size(70, 20);

// ComboBox bàn

comboBoxBan = new ComboBox();

comboBoxBan.Location = new Point(170, 312);

comboBoxBan.Width = 100;

comboBoxBan.Items.AddRange(new string[]

{

"Bàn 1", "Bàn 2", "Bàn 3", "Bàn 4", "Bàn 5"

});

comboBoxBan.SelectedIndex = 0;

// Nút Order

btnOrder = new Button();

btnOrder.Text = "Order";

btnOrder.Location = new Point(290, 310);

btnOrder.Click += BtnOrder\_Click;

// ListBox hiển thị order

listBoxOrder = new ListBox();

listBoxOrder.Location = new Point(10, 350);

listBoxOrder.Size = new Size(560, 150);

// Thêm tất cả control vào form

this.Controls.Add(pictureLogo);

this.Controls.Add(lblTieuDe);

this.Controls.Add(lblDanhSach);

this.Controls.Add(panelMonAn);

this.Controls.Add(btnXoa);

this.Controls.Add(lblChonBan);

this.Controls.Add(comboBoxBan);

this.Controls.Add(btnOrder);

this.Controls.Add(listBoxOrder);

}

// ====== Sự kiện ======

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

{

Button btn = sender as Button;

listBoxOrder.Items.Add(btn.Text);

}

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

{

listBoxOrder.Items.Clear();

}

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

{

if (listBoxOrder.Items.Count == 0)

{

MessageBox.Show("Bạn chưa chọn món!", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Warning);

return;

}

string ban = comboBoxBan.SelectedItem?.ToString() ?? "Chưa chọn bàn";

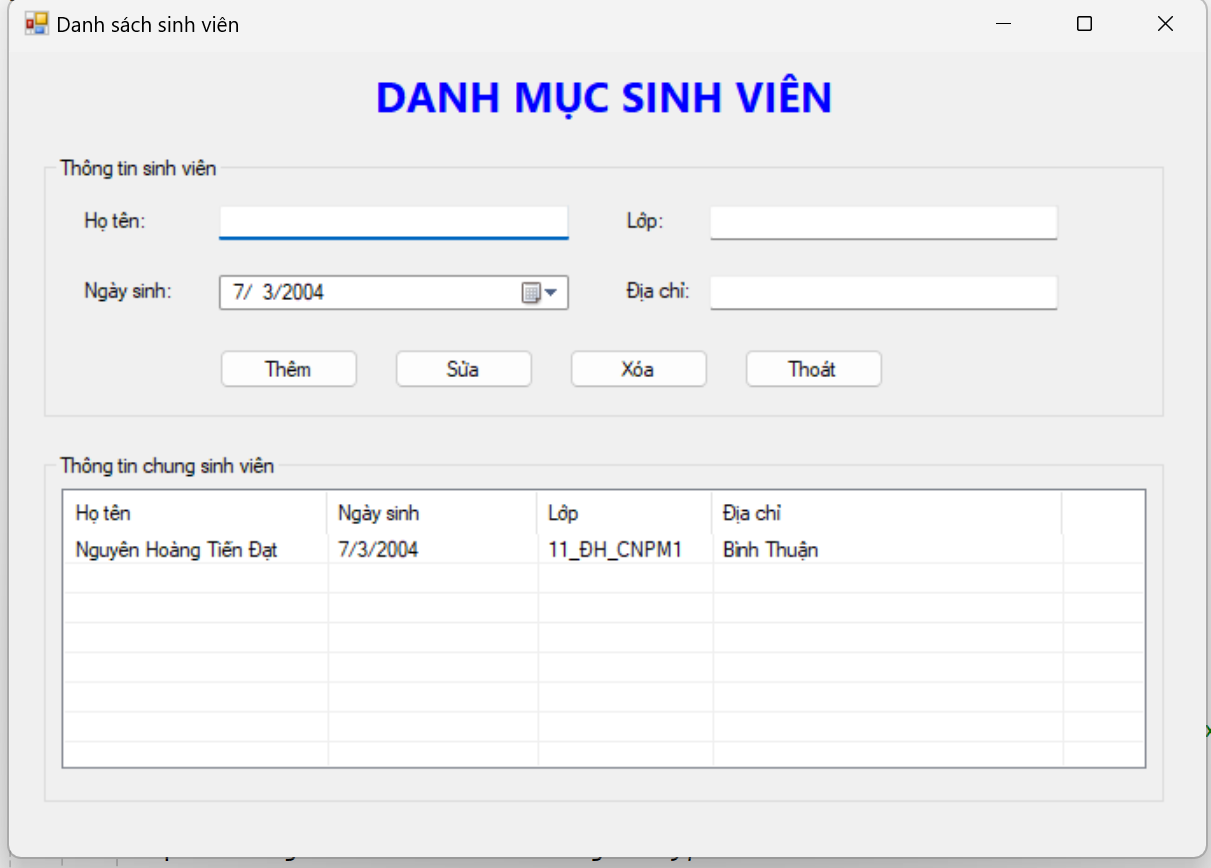
MessageBox.Show($"Đã đặt món cho {ban}!\nTổng món: {listBoxOrder.Items.Count}", "Order thành công");

}

}

}

Bài thực hành 2:



Code:

using System;

using System.Drawing;

using System.Windows.Forms;

namespace TienDat

{

public partial class Form1 : Form

{

// Khai báo các control

Label lblTitle, lblHoTen, lblNgaySinh, lblLop, lblDiaChi;

TextBox txtHoTen, txtLop, txtDiaChi;

DateTimePicker dtNgaySinh;

Button btnThem, btnXoa, btnSua, btnThoat;

ListView lvSinhVien;

GroupBox gbThongTin, gbDanhSach;

public Form1()

{

// ======== Thiết lập form ========

this.Text = "Danh sách sinh viên";

this.Size = new Size(700, 500);

this.StartPosition = FormStartPosition.CenterScreen;

// ======== Tiêu đề ========

lblTitle = new Label();

lblTitle.Text = "DANH MỤC SINH VIÊN";

lblTitle.Font = new Font("Segoe UI", 18, FontStyle.Bold);

lblTitle.ForeColor = Color.Blue;

lblTitle.AutoSize = false;

lblTitle.TextAlign = ContentAlignment.MiddleCenter;

lblTitle.Dock = DockStyle.Top;

lblTitle.Height = 50;

// ======== GroupBox Thông tin sinh viên ========

gbThongTin = new GroupBox();

gbThongTin.Text = "Thông tin sinh viên";

gbThongTin.SetBounds(20, 60, 640, 150);

lblHoTen = new Label() { Text = "Họ tên:", Left = 20, Top = 30, Width = 80 };

lblNgaySinh = new Label() { Text = "Ngày sinh:", Left = 20, Top = 70, Width = 80 };

lblLop = new Label() { Text = "Lớp:", Left = 330, Top = 30, Width = 50 };

lblDiaChi = new Label() { Text = "Địa chỉ:", Left = 330, Top = 70, Width = 50 };

txtHoTen = new TextBox() { Left = 100, Top = 28, Width = 200 };

txtLop = new TextBox() { Left = 380, Top = 28, Width = 200 };

dtNgaySinh = new DateTimePicker() { Left = 100, Top = 68, Width = 200, Format = DateTimePickerFormat.Short };

txtDiaChi = new TextBox() { Left = 380, Top = 68, Width = 200 };

// Nút lệnh

btnThem = new Button() { Text = "Thêm", Left = 100, Top = 110, Width = 80 };

btnSua = new Button() { Text = "Sửa", Left = 200, Top = 110, Width = 80 };

btnXoa = new Button() { Text = "Xóa", Left = 300, Top = 110, Width = 80 };

btnThoat = new Button() { Text = "Thoát", Left = 400, Top = 110, Width = 80 };

btnThem.Click += BtnThem\_Click;

btnXoa.Click += BtnXoa\_Click;

btnSua.Click += BtnSua\_Click;

btnThoat.Click += (s, e) => this.Close();

gbThongTin.Controls.AddRange(new Control[]

{

lblHoTen, txtHoTen, lblNgaySinh, dtNgaySinh,

lblLop, txtLop, lblDiaChi, txtDiaChi,

btnThem, btnSua, btnXoa, btnThoat

});

// ======== GroupBox Thông tin chung ========

gbDanhSach = new GroupBox();

gbDanhSach.Text = "Thông tin chung sinh viên";

gbDanhSach.SetBounds(20, 230, 640, 200);

lvSinhVien = new ListView();

lvSinhVien.View = View.Details;

lvSinhVien.FullRowSelect = true;

lvSinhVien.GridLines = true;

lvSinhVien.Bounds = new Rectangle(10, 20, 620, 160);

lvSinhVien.Columns.Add("Họ tên", 150);

lvSinhVien.Columns.Add("Ngày sinh", 120);

lvSinhVien.Columns.Add("Lớp", 100);

lvSinhVien.Columns.Add("Địa chỉ", 200);

lvSinhVien.SelectedIndexChanged += LvSinhVien\_SelectedIndexChanged;

gbDanhSach.Controls.Add(lvSinhVien);

// ======== Thêm tất cả vào form ========

this.Controls.AddRange(new Control[] { lblTitle, gbThongTin, gbDanhSach });

}

// ================== CÁC SỰ KIỆN ==================

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

{

if (string.IsNullOrWhiteSpace(txtHoTen.Text))

{

MessageBox.Show("Họ tên không được để trống!", "Lỗi", MessageBoxButtons.OK, MessageBoxIcon.Warning);

return;

}

ListViewItem item = new ListViewItem(txtHoTen.Text);

item.SubItems.Add(dtNgaySinh.Value.ToShortDateString());

item.SubItems.Add(txtLop.Text);

item.SubItems.Add(txtDiaChi.Text);

lvSinhVien.Items.Add(item);

ClearInput();

}

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

{

if (lvSinhVien.SelectedItems.Count == 0)

{

MessageBox.Show("Vui lòng chọn 1 sinh viên để xóa.", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

return;

}

if (MessageBox.Show("Bạn có chắc muốn xóa sinh viên này?", "Xác nhận", MessageBoxButtons.YesNo, MessageBoxIcon.Question) == DialogResult.Yes)

{

lvSinhVien.Items.Remove(lvSinhVien.SelectedItems[0]);

}

}

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

{

if (lvSinhVien.SelectedItems.Count == 0)

{

MessageBox.Show("Vui lòng chọn 1 sinh viên để sửa.", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

return;

}

ListViewItem item = lvSinhVien.SelectedItems[0];

item.Text = txtHoTen.Text;

item.SubItems[1].Text = dtNgaySinh.Value.ToShortDateString();

item.SubItems[2].Text = txtLop.Text;

item.SubItems[3].Text = txtDiaChi.Text;

MessageBox.Show("Đã cập nhật thông tin sinh viên!", "Thành công", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

private void LvSinhVien\_SelectedIndexChanged(object sender, EventArgs e)

{

if (lvSinhVien.SelectedItems.Count == 0) return;

ListViewItem item = lvSinhVien.SelectedItems[0];

txtHoTen.Text = item.Text;

dtNgaySinh.Value = DateTime.Parse(item.SubItems[1].Text);

txtLop.Text = item.SubItems[2].Text;

txtDiaChi.Text = item.SubItems[3].Text;

}

private void ClearInput()

{

txtHoTen.Clear();

txtLop.Clear();

txtDiaChi.Clear();

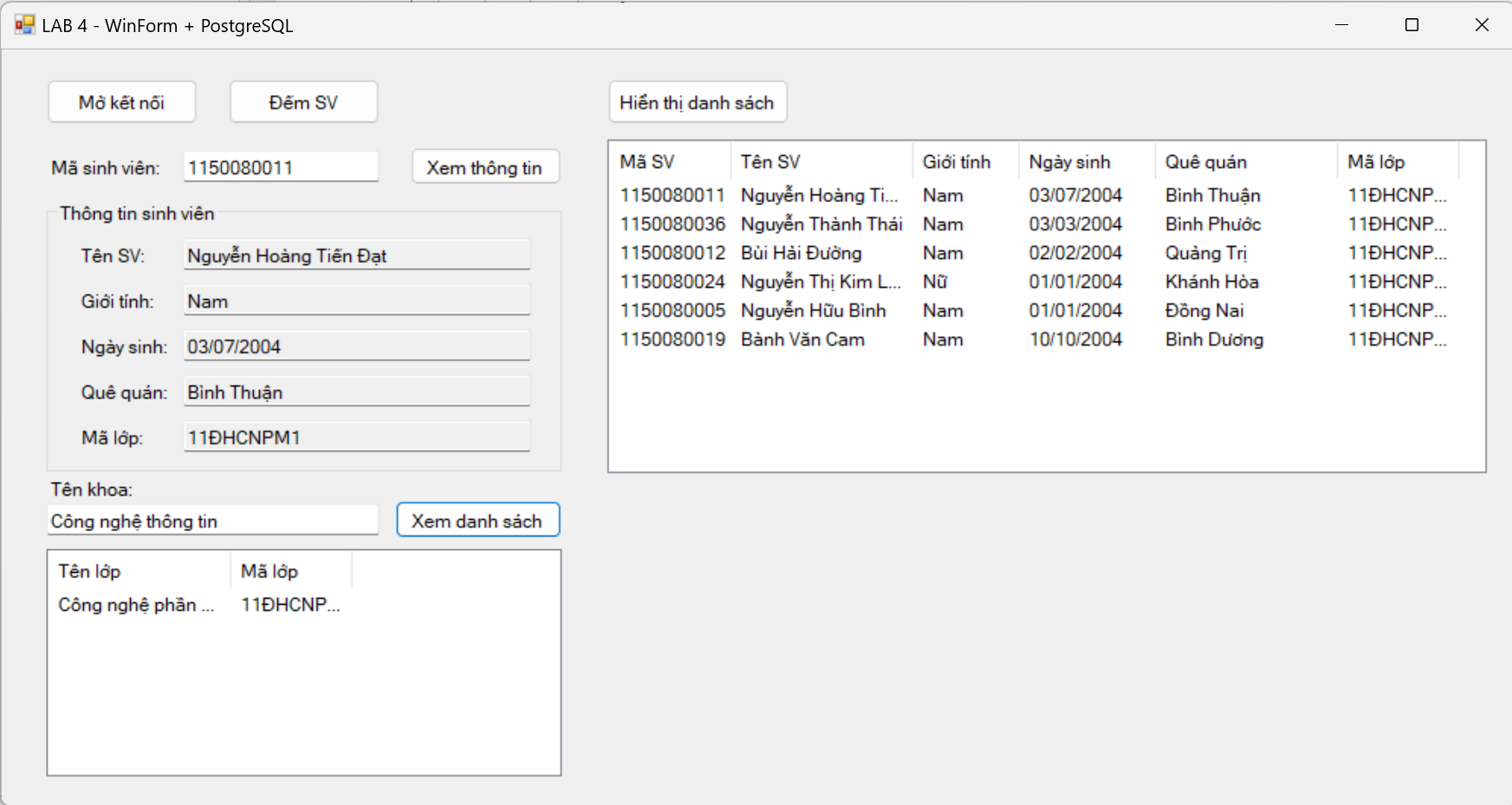
txtHoTen.Focus();

}

}

}

**Lab 4:**



Code Form1.cs:

using System;

using System.Data;

using System.Windows.Forms;

using Npgsql;

namespace Lab4

{

public partial class Form1 : Form

{

private NpgsqlConnection pgCon = null;

// ⚠️ SỬA DÒNG NÀY THEO CẤU HÌNH POSTGRESQL CỦA BẠN ⚠️

private string strCon = "Host=localhost;Port=5432;Database=quanlysinhvien;Username=postgres;Password=123456";

public Form1()

{

InitializeComponent();

InitializeListViews();

}

private void InitializeListViews()

{

lsvList.View = View.Details;

lsvList.Columns.Add("Mã SV", 80);

lsvList.Columns.Add("Tên SV", 120);

lsvList.Columns.Add("Giới tính", 70);

lsvList.Columns.Add("Ngày sinh", 90);

lsvList.Columns.Add("Quê quán", 120);

lsvList.Columns.Add("Mã lớp", 80);

lsvDanhSach.View = View.Details;

lsvDanhSach.Columns.Add("Tên lớp", 120);

lsvDanhSach.Columns.Add("Mã lớp", 80);

}

private void EnsureConnectionOpen()

{

if (pgCon == null)

{

pgCon = new NpgsqlConnection(strCon);

}

if (pgCon.State == ConnectionState.Closed)

{

pgCon.Open();

}

}

private void ClearInfo()

{

txtTenSV.Clear(); txtGioiTinh.Clear(); txtNgaySinh.Clear();

txtQueQuan.Clear(); txtMaLop.Clear();

}

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

{

try

{

if (pgCon == null)

{

pgCon = new NpgsqlConnection(strCon);

}

if (pgCon.State == ConnectionState.Closed)

{

pgCon.Open();

}

MessageBox.Show("Kết nối PostgreSQL thành công!", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

catch (Exception ex)

{

MessageBox.Show("Lỗi kết nối: " + ex.Message, "Lỗi", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

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

{

EnsureConnectionOpen();

try

{

using (var cmd = new NpgsqlCommand("SELECT COUNT(\*) FROM sinhvien", pgCon))

{

long count = (long)cmd.ExecuteScalar();

MessageBox.Show($"Số lượng sinh viên: {count}", "Kết quả");

}

}

catch (Exception ex)

{

MessageBox.Show("Lỗi: " + ex.Message);

}

}

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

{

string maSV = txtMaSV.Text.Trim();

if (string.IsNullOrEmpty(maSV))

{

MessageBox.Show("Vui lòng nhập mã sinh viên!");

return;

}

EnsureConnectionOpen();

try

{

using (var cmd = new NpgsqlCommand("SELECT \* FROM sinhvien WHERE masv = @masv", pgCon))

{

cmd.Parameters.AddWithValue("masv", maSV);

using (var reader = cmd.ExecuteReader())

{

if (reader.Read())

{

txtTenSV.Text = reader["tensv"]?.ToString();

txtGioiTinh.Text = reader["gioitinh"]?.ToString();

txtNgaySinh.Text = reader["ngaysinh"] != DBNull.Value

? Convert.ToDateTime(reader["ngaysinh"]).ToString("dd/MM/yyyy")

: "";

txtQueQuan.Text = reader["quequan"]?.ToString();

txtMaLop.Text = reader["malop"]?.ToString();

}

else

{

MessageBox.Show("Không tìm thấy sinh viên!");

ClearInfo();

}

}

}

}

catch (Exception ex)

{

MessageBox.Show("Lỗi: " + ex.Message);

}

}

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

{

lsvList.Items.Clear();

EnsureConnectionOpen();

try

{

using (var cmd = new NpgsqlCommand("SELECT \* FROM sinhvien", pgCon))

using (var reader = cmd.ExecuteReader())

{

while (reader.Read())

{

var item = new ListViewItem(reader["masv"]?.ToString());

item.SubItems.Add(reader["tensv"]?.ToString());

item.SubItems.Add(reader["gioitinh"]?.ToString());

item.SubItems.Add(reader["ngaysinh"] != DBNull.Value

? Convert.ToDateTime(reader["ngaysinh"]).ToString("dd/MM/yyyy")

: "");

item.SubItems.Add(reader["quequan"]?.ToString());

item.SubItems.Add(reader["malop"]?.ToString());

lsvList.Items.Add(item);

}

}

}

catch (Exception ex)

{

MessageBox.Show("Lỗi: " + ex.Message);

}

}

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

{

string tenKhoa = txtTenKhoa.Text.Trim();

string maKhoa = "";

if (string.IsNullOrEmpty(tenKhoa))

{

MessageBox.Show("Vui lòng nhập tên khoa!");

return;

}

switch (tenKhoa)

{

case "Công nghệ thông tin": maKhoa = "CNTT"; break;

case "Cơ khí": maKhoa = "CK"; break;

case "Điện tử": maKhoa = "DT"; break;

case "Kinh tế": maKhoa = "KT"; break;

default:

MessageBox.Show("Không hỗ trợ khoa này!");

return;

}

lsvDanhSach.Items.Clear();

EnsureConnectionOpen();

try

{

using (var cmd = new NpgsqlCommand("SELECT tenlop, malop FROM lop WHERE makhoa = @makhoa", pgCon))

{

cmd.Parameters.AddWithValue("makhoa", maKhoa);

using (var reader = cmd.ExecuteReader())

{

while (reader.Read())

{

var item = new ListViewItem(reader["tenlop"]?.ToString());

item.SubItems.Add(reader["malop"]?.ToString());

lsvDanhSach.Items.Add(item);

}

}

}

}

catch (Exception ex)

{

MessageBox.Show("Lỗi: " + ex.Message);

}

}

private void Form1\_FormClosing(object sender, FormClosingEventArgs e)

{

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

{

pgCon.Close();

pgCon.Dispose();

}

}

}

}

Code Form1.Designer.cs:

namespace Lab4

{

partial class Form1

{

private System.ComponentModel.IContainer components = null;

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

private void InitializeComponent()

{

this.btnMoKetNoi = new System.Windows.Forms.Button();

this.btnCount = new System.Windows.Forms.Button();

this.label1 = new System.Windows.Forms.Label();

this.txtMaSV = new System.Windows.Forms.TextBox();

this.btnXemThongTin = new System.Windows.Forms.Button();

this.groupBox1 = new System.Windows.Forms.GroupBox();

this.txtMaLop = new System.Windows.Forms.TextBox();

this.label6 = new System.Windows.Forms.Label();

this.txtQueQuan = new System.Windows.Forms.TextBox();

this.label5 = new System.Windows.Forms.Label();

this.txtNgaySinh = new System.Windows.Forms.TextBox();

this.label4 = new System.Windows.Forms.Label();

this.txtGioiTinh = new System.Windows.Forms.TextBox();

this.label3 = new System.Windows.Forms.Label();

this.txtTenSV = new System.Windows.Forms.TextBox();

this.label2 = new System.Windows.Forms.Label();

this.btnListView = new System.Windows.Forms.Button();

this.lsvList = new System.Windows.Forms.ListView();

this.txtTenKhoa = new System.Windows.Forms.TextBox();

this.label7 = new System.Windows.Forms.Label();

this.btnXemDS = new System.Windows.Forms.Button();

this.lsvDanhSach = new System.Windows.Forms.ListView();

this.groupBox1.SuspendLayout();

this.SuspendLayout();

//

// btnMoKetNoi

//

this.btnMoKetNoi.Location = new System.Drawing.Point(30, 20);

this.btnMoKetNoi.Name = "btnMoKetNoi";

this.btnMoKetNoi.Size = new System.Drawing.Size(100, 30);

this.btnMoKetNoi.TabIndex = 0;

this.btnMoKetNoi.Text = "Mở kết nối";

this.btnMoKetNoi.UseVisualStyleBackColor = true;

this.btnMoKetNoi.Click += new System.EventHandler(this.btnMoKetNoi\_Click);

//

// btnCount

//

this.btnCount.Location = new System.Drawing.Point(150, 20);

this.btnCount.Name = "btnCount";

this.btnCount.Size = new System.Drawing.Size(100, 30);

this.btnCount.TabIndex = 1;

this.btnCount.Text = "Đếm SV";

this.btnCount.UseVisualStyleBackColor = true;

this.btnCount.Click += new System.EventHandler(this.btnCount\_Click);

//

// label1

//

this.label1.AutoSize = true;

this.label1.Location = new System.Drawing.Point(30, 70);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(75, 15);

this.label1.TabIndex = 2;

this.label1.Text = "Mã sinh viên:";

//

// txtMaSV

//

this.txtMaSV.Location = new System.Drawing.Point(120, 67);

this.txtMaSV.Name = "txtMaSV";

this.txtMaSV.Size = new System.Drawing.Size(130, 23);

this.txtMaSV.TabIndex = 3;

//

// btnXemThongTin

//

this.btnXemThongTin.Location = new System.Drawing.Point(270, 65);

this.btnXemThongTin.Name = "btnXemThongTin";

this.btnXemThongTin.Size = new System.Drawing.Size(100, 25);

this.btnXemThongTin.TabIndex = 4;

this.btnXemThongTin.Text = "Xem thông tin";

this.btnXemThongTin.UseVisualStyleBackColor = true;

this.btnXemThongTin.Click += new System.EventHandler(this.btnXemThongTin\_Click);

//

// groupBox1

//

this.groupBox1.Controls.Add(this.txtMaLop);

this.groupBox1.Controls.Add(this.label6);

this.groupBox1.Controls.Add(this.txtQueQuan);

this.groupBox1.Controls.Add(this.label5);

this.groupBox1.Controls.Add(this.txtNgaySinh);

this.groupBox1.Controls.Add(this.label4);

this.groupBox1.Controls.Add(this.txtGioiTinh);

this.groupBox1.Controls.Add(this.label3);

this.groupBox1.Controls.Add(this.txtTenSV);

this.groupBox1.Controls.Add(this.label2);

this.groupBox1.Location = new System.Drawing.Point(30, 100);

this.groupBox1.Name = "groupBox1";

this.groupBox1.Size = new System.Drawing.Size(340, 180);

this.groupBox1.TabIndex = 5;

this.groupBox1.TabStop = false;

this.groupBox1.Text = "Thông tin sinh viên";

//

// txtMaLop

//

this.txtMaLop.Location = new System.Drawing.Point(90, 145);

this.txtMaLop.Name = "txtMaLop";

this.txtMaLop.ReadOnly = true;

this.txtMaLop.Size = new System.Drawing.Size(230, 23);

this.txtMaLop.TabIndex = 9;

//

// label6

//

this.label6.AutoSize = true;

this.label6.Location = new System.Drawing.Point(20, 148);

this.label6.Name = "label6";

this.label6.Size = new System.Drawing.Size(52, 15);

this.label6.TabIndex = 8;

this.label6.Text = "Mã lớp:";

//

// txtQueQuan

//

this.txtQueQuan.Location = new System.Drawing.Point(90, 115);

this.txtQueQuan.Name = "txtQueQuan";

this.txtQueQuan.ReadOnly = true;

this.txtQueQuan.Size = new System.Drawing.Size(230, 23);

this.txtQueQuan.TabIndex = 7;

//

// label5

//

this.label5.AutoSize = true;

this.label5.Location = new System.Drawing.Point(20, 118);

this.label5.Name = "label5";

this.label5.Size = new System.Drawing.Size(64, 15);

this.label5.TabIndex = 6;

this.label5.Text = "Quê quán:";

//

// txtNgaySinh

//

this.txtNgaySinh.Location = new System.Drawing.Point(90, 85);

this.txtNgaySinh.Name = "txtNgaySinh";

this.txtNgaySinh.ReadOnly = true;

this.txtNgaySinh.Size = new System.Drawing.Size(230, 23);

this.txtNgaySinh.TabIndex = 5;

//

// label4

//

this.label4.AutoSize = true;

this.label4.Location = new System.Drawing.Point(20, 88);

this.label4.Name = "label4";

this.label4.Size = new System.Drawing.Size(64, 15);

this.label4.TabIndex = 4;

this.label4.Text = "Ngày sinh:";

//

// txtGioiTinh

//

this.txtGioiTinh.Location = new System.Drawing.Point(90, 55);

this.txtGioiTinh.Name = "txtGioiTinh";

this.txtGioiTinh.ReadOnly = true;

this.txtGioiTinh.Size = new System.Drawing.Size(230, 23);

this.txtGioiTinh.TabIndex = 3;

//

// label3

//

this.label3.AutoSize = true;

this.label3.Location = new System.Drawing.Point(20, 58);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(59, 15);

this.label3.TabIndex = 2;

this.label3.Text = "Giới tính:";

//

// txtTenSV

//

this.txtTenSV.Location = new System.Drawing.Point(90, 25);

this.txtTenSV.Name = "txtTenSV";

this.txtTenSV.ReadOnly = true;

this.txtTenSV.Size = new System.Drawing.Size(230, 23);

this.txtTenSV.TabIndex = 1;

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(20, 28);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(54, 15);

this.label2.TabIndex = 0;

this.label2.Text = "Tên SV:";

//

// btnListView

//

this.btnListView.Location = new System.Drawing.Point(400, 20);

this.btnListView.Name = "btnListView";

this.btnListView.Size = new System.Drawing.Size(120, 30);

this.btnListView.TabIndex = 6;

this.btnListView.Text = "Hiển thị danh sách";

this.btnListView.UseVisualStyleBackColor = true;

this.btnListView.Click += new System.EventHandler(this.btnListView\_Click);

//

// lsvList

//

this.lsvList.Location = new System.Drawing.Point(400, 60);

this.lsvList.Name = "lsvList";

this.lsvList.Size = new System.Drawing.Size(580, 220);

this.lsvList.TabIndex = 7;

this.lsvList.UseCompatibleStateImageBehavior = false;

//

// txtTenKhoa

//

this.txtTenKhoa.Location = new System.Drawing.Point(30, 300);

this.txtTenKhoa.Name = "txtTenKhoa";

this.txtTenKhoa.Size = new System.Drawing.Size(220, 23);

this.txtTenKhoa.TabIndex = 8;

//

// label7

//

this.label7.AutoSize = true;

this.label7.Location = new System.Drawing.Point(30, 282);

this.label7.Name = "label7";

this.label7.Size = new System.Drawing.Size(59, 15);

this.label7.TabIndex = 9;

this.label7.Text = "Tên khoa:";

//

// btnXemDS

//

this.btnXemDS.Location = new System.Drawing.Point(260, 298);

this.btnXemDS.Name = "btnXemDS";

this.btnXemDS.Size = new System.Drawing.Size(110, 25);

this.btnXemDS.TabIndex = 10;

this.btnXemDS.Text = "Xem danh sách";

this.btnXemDS.UseVisualStyleBackColor = true;

this.btnXemDS.Click += new System.EventHandler(this.btnXemDS\_Click);

//

// lsvDanhSach

//

this.lsvDanhSach.Location = new System.Drawing.Point(30, 330);

this.lsvDanhSach.Name = "lsvDanhSach";

this.lsvDanhSach.Size = new System.Drawing.Size(340, 150);

this.lsvDanhSach.TabIndex = 11;

this.lsvDanhSach.UseCompatibleStateImageBehavior = false;

//

// Form1

//

this.AutoScaleDimensions = new System.Drawing.SizeF(7F, 15F);

this.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font;

this.ClientSize = new System.Drawing.Size(1000, 500);

this.Controls.Add(this.lsvDanhSach);

this.Controls.Add(this.btnXemDS);

this.Controls.Add(this.label7);

this.Controls.Add(this.txtTenKhoa);

this.Controls.Add(this.lsvList);

this.Controls.Add(this.btnListView);

this.Controls.Add(this.groupBox1);

this.Controls.Add(this.btnXemThongTin);

this.Controls.Add(this.txtMaSV);

this.Controls.Add(this.label1);

this.Controls.Add(this.btnCount);

this.Controls.Add(this.btnMoKetNoi);

this.Font = new System.Drawing.Font("Microsoft Sans Serif", 9F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)(0)));

this.Name = "Form1";

this.Text = "LAB 4 - WinForm + PostgreSQL";

this.FormClosing += new System.Windows.Forms.FormClosingEventHandler(this.Form1\_FormClosing);

this.groupBox1.ResumeLayout(false);

this.groupBox1.PerformLayout();

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.Button btnMoKetNoi;

private System.Windows.Forms.Button btnCount;

private System.Windows.Forms.Label label1;

private System.Windows.Forms.TextBox txtMaSV;

private System.Windows.Forms.Button btnXemThongTin;

private System.Windows.Forms.GroupBox groupBox1;

private System.Windows.Forms.TextBox txtMaLop;

private System.Windows.Forms.Label label6;

private System.Windows.Forms.TextBox txtQueQuan;

private System.Windows.Forms.Label label5;

private System.Windows.Forms.TextBox txtNgaySinh;

private System.Windows.Forms.Label label4;

private System.Windows.Forms.TextBox txtGioiTinh;

private System.Windows.Forms.Label label3;

private System.Windows.Forms.TextBox txtTenSV;

private System.Windows.Forms.Label label2;

private System.Windows.Forms.Button btnListView;

private System.Windows.Forms.ListView lsvList;

private System.Windows.Forms.TextBox txtTenKhoa;

private System.Windows.Forms.Label label7;

private System.Windows.Forms.Button btnXemDS;

private System.Windows.Forms.ListView lsvDanhSach;

}

}

Code postgresql:

CREATE TABLE sinhvien (

masv VARCHAR(10) PRIMARY KEY,

tensv VARCHAR(100),

gioitinh VARCHAR(10),

ngaysinh DATE,

quequan VARCHAR(200),

malop VARCHAR(10)

);

CREATE TABLE lop (

malop VARCHAR(10) PRIMARY KEY,

tenlop VARCHAR(100),

makhoa VARCHAR(10)

);