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LAB5

**Thêm dữ liệu không dùng Parameter.**

**Form1 source**

using System;

using System.Data;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace ThemDuLieu\_KhongDungParameter

{

public partial class Form1 : Form

{

SqlConnection conn;

SqlDataAdapter da;

DataTable dt;

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

// Chuỗi kết nối – bạn chỉnh lại theo SQL Server của mình

string connectionString =

@"Data Source=(LocalDB)\MSSQLLocalDB;

AttachDbFilename=|DataDirectory|\DBConnect.mdf;

Integrated Security=True;";

conn = new SqlConnection(connectionString); // 🔹 Dòng quan trọng nhất!

}

private void LoadData()

{

try

{

conn.Open();

string sql = "SELECT \* FROM SinhVien";

da = new SqlDataAdapter(sql, conn);

dt = new DataTable();

da.Fill(dt);

dgvSinhVien.DataSource = dt;

}

catch (Exception ex)

{

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

}

finally

{

conn.Close();

}

}

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

{

try

{

conn.Open();

// CHÚ Ý: đây là ví dụ “không dùng Parameter” – không an toàn, chỉ dùng để học

string sql = "INSERT INTO SinhVien VALUES ('" +

txtMaSV.Text + "', N'" +

txtTenSV.Text + "', N'" +

cboGioiTinh.Text + "', '" +

dtpNgaySinh.Value.ToString("yyyy-MM-dd") + "', N'" +

txtQueQuan.Text + "', '" +

txtMaLop.Text + "')";

SqlCommand cmd = new SqlCommand(sql, conn);

int kq = cmd.ExecuteNonQuery();

if (kq > 0)

{

MessageBox.Show("Thêm sinh viên thành công!");

LoadData();

}

else

MessageBox.Show("Thêm thất bại!");

}

catch (Exception ex)

{

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

}

finally

{

conn.Close();

}

}

}

}

**Form1.design.cs**

namespace ThemDuLieu\_KhongDungParameter

{

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

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

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

this.cboGioiTinh = new System.Windows.Forms.ComboBox();

this.dtpNgaySinh = new System.Windows.Forms.DateTimePicker();

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

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

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

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

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

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

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

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

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

this.dgvSinhVien = new System.Windows.Forms.DataGridView();

this.MaSV = new System.Windows.Forms.DataGridViewTextBoxColumn();

this.TenSV = new System.Windows.Forms.DataGridViewTextBoxColumn();

this.GioiTinh = new System.Windows.Forms.DataGridViewTextBoxColumn();

this.NgaySinh = new System.Windows.Forms.DataGridViewTextBoxColumn();

this.QueQuan = new System.Windows.Forms.DataGridViewTextBoxColumn();

this.MaLop = new System.Windows.Forms.DataGridViewTextBoxColumn();

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

this.label8 = new System.Windows.Forms.Label();

this.groupBox1.SuspendLayout();

((System.ComponentModel.ISupportInitialize)(this.dgvSinhVien)).BeginInit();

this.SuspendLayout();

//

// groupBox1

//

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

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

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

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

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

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

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

this.groupBox1.Controls.Add(this.label1);

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

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

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

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

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

this.groupBox1.Location = new System.Drawing.Point(12, 40);

this.groupBox1.Name = "groupBox1";

this.groupBox1.Size = new System.Drawing.Size(260, 300);

this.groupBox1.TabIndex = 0;

this.groupBox1.TabStop = false;

this.groupBox1.Text = "Nhập thông tin:";

//

// txtMaSV

//

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

this.txtMaSV.Name = "txtMaSV";

this.txtMaSV.Size = new System.Drawing.Size(140, 22);

this.txtMaSV.TabIndex = 0;

//

// txtTenSV

//

this.txtTenSV.Location = new System.Drawing.Point(100, 60);

this.txtTenSV.Name = "txtTenSV";

this.txtTenSV.Size = new System.Drawing.Size(140, 22);

this.txtTenSV.TabIndex = 1;

//

// cboGioiTinh

//

this.cboGioiTinh.DropDownStyle = System.Windows.Forms.ComboBoxStyle.DropDownList;

this.cboGioiTinh.FormattingEnabled = true;

this.cboGioiTinh.Items.AddRange(new object[] {

"Nam",

"Nữ"});

this.cboGioiTinh.Location = new System.Drawing.Point(100, 90);

this.cboGioiTinh.Name = "cboGioiTinh";

this.cboGioiTinh.Size = new System.Drawing.Size(140, 24);

this.cboGioiTinh.TabIndex = 2;

//

// dtpNgaySinh

//

this.dtpNgaySinh.Format = System.Windows.Forms.DateTimePickerFormat.Short;

this.dtpNgaySinh.Location = new System.Drawing.Point(100, 120);

this.dtpNgaySinh.Name = "dtpNgaySinh";

this.dtpNgaySinh.Size = new System.Drawing.Size(140, 22);

this.dtpNgaySinh.TabIndex = 3;

//

// txtQueQuan

//

this.txtQueQuan.Location = new System.Drawing.Point(100, 150);

this.txtQueQuan.Name = "txtQueQuan";

this.txtQueQuan.Size = new System.Drawing.Size(140, 22);

this.txtQueQuan.TabIndex = 4;

//

// txtMaLop

//

this.txtMaLop.Location = new System.Drawing.Point(100, 180);

this.txtMaLop.Name = "txtMaLop";

this.txtMaLop.Size = new System.Drawing.Size(140, 22);

this.txtMaLop.TabIndex = 5;

//

// btnThem

//

this.btnThem.Location = new System.Drawing.Point(50, 220);

this.btnThem.Name = "btnThem";

this.btnThem.Size = new System.Drawing.Size(150, 30);

this.btnThem.TabIndex = 6;

this.btnThem.Text = "Thêm sinh viên";

this.btnThem.UseVisualStyleBackColor = true;

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

//

// label1

//

this.label1.AutoSize = true;

this.label1.Location = new System.Drawing.Point(10, 33);

this.label1.Name = "label1";

this.label1.Size = new System.Drawing.Size(84, 16);

this.label1.TabIndex = 7;

this.label1.Text = "Mã sinh viên:";

//

// label2

//

this.label2.AutoSize = true;

this.label2.Location = new System.Drawing.Point(10, 63);

this.label2.Name = "label2";

this.label2.Size = new System.Drawing.Size(89, 16);

this.label2.TabIndex = 8;

this.label2.Text = "Tên sinh viên:";

//

// label3

//

this.label3.AutoSize = true;

this.label3.Location = new System.Drawing.Point(10, 93);

this.label3.Name = "label3";

this.label3.Size = new System.Drawing.Size(57, 16);

this.label3.TabIndex = 9;

this.label3.Text = "Giới tính:";

//

// label4

//

this.label4.AutoSize = true;

this.label4.Location = new System.Drawing.Point(10, 123);

this.label4.Name = "label4";

this.label4.Size = new System.Drawing.Size(70, 16);

this.label4.TabIndex = 10;

this.label4.Text = "Ngày sinh:";

//

// label5

//

this.label5.AutoSize = true;

this.label5.Location = new System.Drawing.Point(10, 153);

this.label5.Name = "label5";

this.label5.Size = new System.Drawing.Size(68, 16);

this.label5.TabIndex = 11;

this.label5.Text = "Quê quán:";

//

// label6

//

this.label6.AutoSize = true;

this.label6.Location = new System.Drawing.Point(10, 183);

this.label6.Name = "label6";

this.label6.Size = new System.Drawing.Size(51, 16);

this.label6.TabIndex = 12;

this.label6.Text = "Mã lớp:";

//

// dgvSinhVien

//

this.dgvSinhVien.ColumnHeadersHeightSizeMode = System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize;

this.dgvSinhVien.Columns.AddRange(new System.Windows.Forms.DataGridViewColumn[] {

this.MaSV,

this.TenSV,

this.GioiTinh,

this.NgaySinh,

this.QueQuan,

this.MaLop});

this.dgvSinhVien.Location = new System.Drawing.Point(283, 60);

this.dgvSinhVien.Name = "dgvSinhVien";

this.dgvSinhVien.RowHeadersWidth = 51;

this.dgvSinhVien.RowTemplate.Height = 24;

this.dgvSinhVien.Size = new System.Drawing.Size(500, 280);

this.dgvSinhVien.TabIndex = 1;

//

// MaSV

//

this.MaSV.HeaderText = "Mã SV";

this.MaSV.MinimumWidth = 6;

this.MaSV.Name = "MaSV";

this.MaSV.Width = 80;

//

// TenSV

//

this.TenSV.HeaderText = "Tên SV";

this.TenSV.MinimumWidth = 6;

this.TenSV.Name = "TenSV";

this.TenSV.Width = 120;

//

// GioiTinh

//

this.GioiTinh.HeaderText = "Giới tính";

this.GioiTinh.MinimumWidth = 6;

this.GioiTinh.Name = "GioiTinh";

this.GioiTinh.Width = 80;

//

// NgaySinh

//

this.NgaySinh.HeaderText = "Ngày sinh";

this.NgaySinh.MinimumWidth = 6;

this.NgaySinh.Name = "NgaySinh";

//

// QueQuan

//

this.QueQuan.HeaderText = "Quê quán";

this.QueQuan.MinimumWidth = 6;

this.QueQuan.Name = "QueQuan";

this.QueQuan.Width = 120;

//

// MaLop

//

this.MaLop.HeaderText = "Mã lớp";

this.MaLop.MinimumWidth = 6;

this.MaLop.Name = "MaLop";

this.MaLop.Width = 80;

//

// label7

//

this.label7.AutoSize = true;

this.label7.Font = new System.Drawing.Font("Microsoft Sans Serif", 10F, System.Drawing.FontStyle.Bold);

this.label7.Location = new System.Drawing.Point(250, 10);

this.label7.Name = "label7";

this.label7.Size = new System.Drawing.Size(311, 20);

this.label7.TabIndex = 2;

this.label7.Text = "Thêm dữ liệu không dùng Parameter";

//

// label8

//

this.label8.AutoSize = true;

this.label8.Location = new System.Drawing.Point(280, 40);

this.label8.Name = "label8";

this.label8.Size = new System.Drawing.Size(129, 16);

this.label8.TabIndex = 3;

this.label8.Text = "Danh sách sinh viên:";

//

// Form1

//

this.ClientSize = new System.Drawing.Size(800, 370);

this.Controls.Add(this.groupBox1);

this.Controls.Add(this.dgvSinhVien);

this.Controls.Add(this.label7);

this.Controls.Add(this.label8);

this.Name = "Form1";

this.Text = "Thêm dữ liệu không dùng Parameter";

this.Load += new System.EventHandler(this.Form1\_Load);

this.groupBox1.ResumeLayout(false);

this.groupBox1.PerformLayout();

((System.ComponentModel.ISupportInitialize)(this.dgvSinhVien)).EndInit();

this.ResumeLayout(false);

this.PerformLayout();

}

#endregion

private System.Windows.Forms.GroupBox groupBox1;

private System.Windows.Forms.TextBox txtMaSV;

private System.Windows.Forms.TextBox txtTenSV;

private System.Windows.Forms.ComboBox cboGioiTinh;

private System.Windows.Forms.DateTimePicker dtpNgaySinh;

private System.Windows.Forms.TextBox txtQueQuan;

private System.Windows.Forms.TextBox txtMaLop;

private System.Windows.Forms.Button btnThem;

private System.Windows.Forms.Label label1, label2, label3, label4, label5, label6;

private System.Windows.Forms.DataGridView dgvSinhVien;

private System.Windows.Forms.DataGridViewTextBoxColumn MaSV, TenSV, GioiTinh, NgaySinh, QueQuan, MaLop;

private System.Windows.Forms.Label label7, label8;

}

}

A screenshot of a computer

AI-generated content may be incorrect.