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;

using System.Data.SqlClient;

namespace ConnectToMyDatabase

{

public partial class Form2 : Form

{

SqlConnection con = new SqlConnection(@"Data Source =(LocalDB)\MSSQLLocalDB;AttachDbFilename=C:\Users\mrako\Desktop\Visual Studio Code\C#\MY\_DATABASE\_20200618\ConnectToMyDatabase\Database1.mdf;Integrated Security=True;");

SqlCommand cmd;

SqlDataAdapter adapt;

//ID variable used in Updating and Deleting Record

int ID =0 ;

public Form2()

{

InitializeComponent();

DisplayData();

}

//Display Data in DataGridView

private void DisplayData()

{

con.Open();

DataTable dt = new DataTable();

adapt = new SqlDataAdapter("select \* from Studets\_Table", con);

adapt.Fill(dt);

dataGridView1.DataSource = dt;

con.Close();

}

//Clear Data

private void ClearData()

{

text\_Name.Text = "";

text\_GPA.Text = "";

ID = 0;

}

private void Button2\_Click(object sender, EventArgs e)

{

if (text\_Name.Text != "" && text\_GPA.Text != "")

{

cmd = new SqlCommand("insert into Studets\_Table(ID,Name,GPA) values(@ID,@name,@GPA)", con);

con.Open();

cmd.Parameters.AddWithValue("@ID", text\_ID.Text);

cmd.Parameters.AddWithValue("@name", text\_Name.Text);

cmd.Parameters.AddWithValue("@GPA", text\_GPA.Text);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record Inserted Successfully");

DisplayData();

ClearData();

}

else

{

MessageBox.Show("Please Provide Details!");

}

}

private void Button3\_Click(object sender, EventArgs e)

{

if (ID != 0)

{

cmd = new SqlCommand("delete Studets\_Table where ID=@id", con);

con.Open();

cmd.Parameters.AddWithValue("@id",ID);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record Deleted Successfully!");

DisplayData();

ClearData();

}

else

{

MessageBox.Show("Please Select Record to Delete");

}

}

private void Form2\_Load(object sender, EventArgs e)

{

// TODO: This line of code loads data into the 'database1DataSet.Studets\_Table' table. You can move, or remove it, as needed.

this.studets\_TableTableAdapter.Fill(this.database1DataSet.Studets\_Table);

// TODO: This line of code loads data into the 'dataSet1.demotb' table. You can move, or remove it, as needed.

//this.demotbTableAdapter.Fill(this.dataSet1.demotb);

}

private void DataGridView1\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

private void Label1\_Click(object sender, EventArgs e)

{

}

private void DataGridView1\_CellContentClick\_1(object sender, DataGridViewCellEventArgs e)

{

ID = Convert.ToInt32(dataGridView1.Rows[e.RowIndex].Cells[0].Value.ToString());

text\_Name.Text = dataGridView1.Rows[e.RowIndex].Cells[1].Value.ToString();

text\_GPA.Text = dataGridView1.Rows[e.RowIndex].Cells[2].Value.ToString();

}

private void Button1\_Click(object sender, EventArgs e)

{

if (text\_Name.Text != "" && text\_GPA.Text != "")

{

cmd = new SqlCommand("update Studets\_Table set Name=@name,GPA=@gpa where ID=@id", con);

con.Open();

cmd.Parameters.AddWithValue("@id", text\_ID.Text);

cmd.Parameters.AddWithValue("@name", text\_Name.Text);

cmd.Parameters.AddWithValue("@gpa", text\_GPA.Text);

cmd.ExecuteNonQuery();

MessageBox.Show("Record Updated Successfully");

con.Close();

DisplayData();

ClearData();

}

else

{

MessageBox.Show("Please Select Record to Update");

}

}

private void Button2\_Click\_1(object sender, EventArgs e)

{

con.Close();

this.Hide();

Environment.Exit(-1);

}

}

}