using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Data.SqlClient;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace CoffeeShop

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

//Connection

SqlConnection sqlConnection = new SqlConnection(@"Server=DESKTOP-6J6EM2U\SQLEXPRESS; Database=Delwar; Integrated Security=True");

string commandString="";

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

{

//Open

sqlConnection.Open();

//Command

commandString = "INSERT INTO CustomerInfo (ID, Name, Contact, Address, Orders, Quantity) Values (" + idTextBox.Text + ", '" + nameTextBox.Text + "', '" + contactTextBox.Text + "', '" + addressTextBox.Text + "', '" + ordersComboBox.Text + "', "+quantityTextBox.Text+")";

SqlCommand sqlCommand = new SqlCommand(commandString, sqlConnection);

//Insert

int isExecuted = sqlCommand.ExecuteNonQuery();

if (isExecuted > 0)

{

MessageBox.Show("Saved");

}

else

{

MessageBox.Show("Not Saved");

}

sqlConnection.Close();

}

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

{

//Open

sqlConnection.Open();

//Command

commandString = @"SELECT \* FROM CustomerInfo";

SqlCommand sqlCommand = new SqlCommand(commandString, sqlConnection);

//Show

SqlDataAdapter sqlDataAdapter = new SqlDataAdapter(sqlCommand);

DataTable dataTable = new DataTable();

sqlDataAdapter.Fill(dataTable);

if (dataTable.Rows.Count > 0)

{

showDataGridView.DataSource = dataTable;

}

else

{

MessageBox.Show("No Data Found");

}

//Close

sqlConnection.Close();

}

private void showDataGridView\_MouseDoubleClick(object sender, MouseEventArgs e)

{

idTextBox.Text = showDataGridView.SelectedRows[0].Cells[0].Value.ToString();

nameTextBox.Text = showDataGridView.SelectedRows[0].Cells[1].Value.ToString();

contactTextBox.Text = showDataGridView.SelectedRows[0].Cells[2].Value.ToString();

addressTextBox.Text = showDataGridView.SelectedRows[0].Cells[3].Value.ToString();

ordersComboBox.Text = showDataGridView.SelectedRows[0].Cells[4].Value.ToString();

quantityTextBox.Text = showDataGridView.SelectedRows[0].Cells[5].Value.ToString();

}

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

{

//Open

sqlConnection.Open();

//Command

commandString = "DELETE FROM CustomerInfo WHERE ID = '" + idTextBox.Text + "'";

SqlDataAdapter sqlDataAdapter = new SqlDataAdapter(commandString, sqlConnection);

sqlDataAdapter.SelectCommand.ExecuteNonQuery();

sqlConnection.Close();

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

}

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

{

try

{

sqlConnection.Open();

commandString = "UPDATE CustomerInfo SET Name = '"+nameTextBox.Text+"', Contact = '" + contactTextBox.Text + "', Address = '" + addressTextBox.Text + "', Orders = '" + ordersComboBox.Text + "', Quantity = '" + quantityTextBox.Text + "' WHERE ID = " + idTextBox.Text + "";

SqlDataAdapter sqlDataAdapter = new SqlDataAdapter(commandString, sqlConnection);

sqlDataAdapter.SelectCommand.ExecuteNonQuery();

sqlConnection.Close();

}

catch (Exception ex)

{

MessageBox.Show("General exception. {0}", ex.Message);

}

MessageBox.Show("Data Updated!!!");

}

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

{

try

{

//Open

sqlConnection.Open();

//Command

commandString = "SELECT \* FROM CustomerInfo WHERE ID = " + idTextBox.Text + "";

SqlCommand sqlCommand = new SqlCommand(commandString, sqlConnection);

//Show

SqlDataAdapter sqlDataAdapter = new SqlDataAdapter(sqlCommand);

DataTable dataTable = new DataTable();

sqlDataAdapter.Fill(dataTable);

if (dataTable.Rows.Count > 0)

{

showDataGridView.DataSource = dataTable;

}

else

{

MessageBox.Show("Sorry! No Data Found");

}

//Close

sqlConnection.Close();

}

catch (Exception ex)

{

MessageBox.Show("General exception. {0}", ex.Message);

}

}

}

}