﻿using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Windows.Forms;

using System.IO;

using System.Globalization;

using System.Configuration;

using System.Data.OleDb;

using PrintDataGrid;

namespace csvToGrid

{

public partial class Import : Form

{

public Import()

{

InitializeComponent();

}

public void button1\_Click(object sender, EventArgs e)

{

DataSet dataset;

string delimiter = ",";

string tablename = "medTable";

dataset = new DataSet();

OpenFileDialog openFileDialog1 = new OpenFileDialog();

openFileDialog1.Filter = "CSV Files (\*.csv)|\*.csv|All Files (\*.\*)|\*.\*";

openFileDialog1.FilterIndex = 1;

if (openFileDialog1.ShowDialog() == DialogResult.OK)

{

if (MessageBox.Show("Are you sure you want to import the data from \n " + openFileDialog1.FileName + "? \n " + " After importing data, please review all data before sending it to the database. ", "Are you sure?", MessageBoxButtons.YesNo) == DialogResult.Yes)

{

filename = openFileDialog1.FileName;

StreamReader sr = new StreamReader(filename);

string csv = File.ReadAllText(openFileDialog1.FileName);

dataset.Tables.Add(tablename);

dataset.Tables[tablename].Columns.Add("Prescription");

dataset.Tables[tablename].Columns.Add("Customer\_Name");

dataset.Tables[tablename].Columns.Add("Medication");

dataset.Tables[tablename].Columns.Add("Quantity");

dataset.Tables[tablename].Columns.Add("Date\_Filled");

string allData = sr.ReadToEnd();

string[] rows = allData.Split("\r".ToCharArray());

foreach (string r in rows)

{

string[] items = r.Split(delimiter.ToCharArray());

dataset.Tables[tablename].Rows.Add(items);

}

this.dataGridView1.DataSource = dataset.Tables[0].DefaultView;

//MessageBox.Show("File was successfully imported.", "Success!", MessageBoxButtons.OK);

if (MessageBox.Show("Does the correct data appear to be imported?", "Are you sure?", MessageBoxButtons.YesNo) == DialogResult.Yes)

{

//DataSet dataset;

string ConnString = @"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\\Search\\KinneyDatabase.accdb"; //Persist Security Info=True";

for (int i = 0; i < dataGridView1.Rows.Count; i++)

{

//string StrQuery = @"INSERT INTO script\_Orders (" + "'script', " + "'cust\_Name') VALUES (" + dataGridView1.Rows[i].Cells["Prescription"].Value + ", " + dataGridView1.Rows[i].Cells["Customer\_Name"].Value + ");";

string StrQuery = String.Format("INSERT INTO script\_Orders (script,cust\_Name,drug,qty,fill\_Date) VALUES ('{0}','{1}','{2}','{3}',#{4}#)", dataGridView1.Rows[i].Cells["Prescription"].Value, dataGridView1.Rows[i].Cells["Customer\_Name"].Value, dataGridView1.Rows[i].Cells["Medication"].Value, dataGridView1.Rows[i].Cells["Quantity"].Value, dataGridView1.Rows[i].Cells["Date\_Filled"].Value);

try

{

using (OleDbConnection conn = new OleDbConnection(ConnString))

{

using (OleDbCommand comm = new OleDbCommand(StrQuery, conn))

{

conn.Open();

comm.ExecuteNonQuery();

conn.Close();

}

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message + "\n" + "\n" + "Please ignore this error as we try to resolve it.", "Ooops!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

}

else

{

this.dataGridView1.DataSource = null;

this.Refresh();

button1\_Click(sender, e);

}

}

}

}

public string filename { get; set; }

private void openFileDialog1\_FileOk(object sender, CancelEventArgs e)

{

}

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

{

}

private void button4\_Click(object sender, EventArgs e)

{

Application.Exit();

}

private void button2\_Click(object sender, EventArgs e)

{

this.Close();

}

private void button3\_Click(object sender, EventArgs e)

{

string ConnString = @"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\\Search\\KinneyDatabase.accdb"; //Persist Security Info=True";

for (int i = 0; i < dataGridView1.Rows.Count; i++)

{

string StrQuery = String.Format("INSERT INTO script\_Orders (script,cust\_Name,drug,qty,fill\_Date) VALUES ('{0}','{1}','{2}','{3}',#{4}#)", dataGridView1.Rows[i].Cells["Prescription"].Value, dataGridView1.Rows[i].Cells["Customer\_Name"].Value, dataGridView1.Rows[i].Cells["Medication"].Value, dataGridView1.Rows[i].Cells["Quantity"].Value, dataGridView1.Rows[i].Cells["Date\_Filled"].Value);

try

{

using (OleDbConnection conn = new OleDbConnection(ConnString))

{

using (OleDbCommand comm = new OleDbCommand(StrQuery, conn))

{

conn.Open();

comm.ExecuteNonQuery();

conn.Close();

}

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message + "\n" +"\n" + "Please ignore this error as we try to resolve it." , "Ooops!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

}

}

private void button5\_Click(object sender, EventArgs e)

{

// Calling DataGridView Printing

PrintDGV.Print\_DataGridView(dataGridView1);

}

private void button6\_Click(object sender, EventArgs e)

{

OleDbConnection OdbConn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Search\KinneyDatabase.accdb");

DataTable dt = new DataTable();

OleDbDataAdapter OdbA = new OleDbDataAdapter("Select script AS Prescription,cust\_Name AS [Customer Name],drug AS Medication,qty AS Quantity,fill\_Date AS [Date Filled] from script\_Orders", OdbConn);

OdbA.Fill(dt);

dataGridView1.DataSource = dt;

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

try

{

OleDbConnection OdbConn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Search\KinneyDatabase.accdb");

DataTable dt = new DataTable();

OleDbDataAdapter OdbA = new OleDbDataAdapter("Select script AS Prescription,cust\_Name AS [Customer Name],drug AS Medication,qty AS Quantity,fill\_Date AS [Date Filled] from script\_Orders WHERE script LIKE '%" + textBox1.Text.ToString() + "%'", OdbConn);

OdbA.Fill(dt);

dataGridView1.DataSource = dt;

}

catch (Exception c)

{

throw (c);

}

Console.WriteLine("Exception caught!");

}

private void textBox2\_TextChanged(object sender, EventArgs e)

{

try

{

OleDbConnection OdbConn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Search\KinneyDatabase.accdb");

DataTable dt = new DataTable();

OleDbDataAdapter OdbA = new OleDbDataAdapter("Select script AS Prescription,cust\_Name AS [Customer Name],drug AS Medication,qty AS Quantity,fill\_Date AS [Date Filled] from script\_Orders WHERE cust\_Name LIKE '%" + textBox2.Text.ToString() + "%'", OdbConn);

OdbA.Fill(dt);

dataGridView1.DataSource = dt;

}

catch (Exception c)

{

throw (c);

}

Console.WriteLine("Exception caught!");

}

private void dateTimePicker1\_ValueChanged(object sender, EventArgs e)

{

OleDbConnection OdbConn = new OleDbConnection(@"Provider=Microsoft.ACE.OLEDB.12.0;Data Source=C:\Search\KinneyDatabase.accdb");

DataTable dt = new DataTable();

OleDbDataAdapter OdbA = new OleDbDataAdapter("Select script AS Prescription,cust\_Name AS [Customer Name],drug AS Medication,qty AS Quantity,fill\_Date AS [Date Filled] from script\_Orders WHERE fill\_Date LIKE " + "#" + dateTimePicker1.Text + "#", OdbConn);

OdbA.Fill(dt);

dataGridView1.DataSource = dt;

}

}

}