using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.IO;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

using CSVLib;

namespace expanse

{

public partial class DailyExpanseUI : Form

{

private string fileLocation = @"C:\Users\PC21\Desktop\expanse\expanse\library\CSVLib.csv";

public DailyExpanseUI()

{

InitializeComponent();

}

private double totalExpanse;

private double maxValue;

private double value;

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

{

FileStream aStream = new FileStream(fileLocation, FileMode.Append);

CsvFileWriter aWriter = new CsvFileWriter(aStream);

List<string> expanseRecord = new List<string>();

expanseRecord.Add(amountTextBox.Text);

expanseRecord.Add(categoryComboBox.Text);

expanseRecord.Add(particularTextBox.Text);

aWriter.WriteRow(expanseRecord);

MessageBox.Show(@"Entry SuccessFul.....");

amountTextBox.Text = "";

particularTextBox.Text = "";

aStream.Close();

}

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

{

totalExpanseTextBox.Text = totalExpanseTextBox.ToString();

maximumExpanseTextBox.Text = maximumExpanseTextBox.ToString();

FileStream aStream = new FileStream(fileLocation, FileMode.Open);

CsvFileReader aReader = new CsvFileReader(aStream);

List<string> aExpanse = new List<string>();

totalExpanse = 0;

while (aReader.ReadRow(aExpanse))

{

value = Convert.ToDouble(aExpanse[0]);

if (maxValue < value)

{

maxValue = value;

}

totalExpanse += value;

}

totalExpanseTextBox.Text = totalExpanse.ToString();

maximumExpanseTextBox.Text = maxValue.ToString();

aStream.Close();

}

}

}