Maleeha Ali

**Source Code**

**Program.cs:**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace NewsPaper

{

static class Program

{

/// <summary>

/// The main entry point for the application.

/// </summary>

[STAThread]

static void Main()

{

Application.EnableVisualStyles();

Application.SetCompatibleTextRenderingDefault(false);

Application.Run(new Form1());

}

}

}

**Form 1**

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 MySql.Data.MySqlClient;

using System.Data.SQLite;

using System.Security.Cryptography;

namespace NewsPaper

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

textBox2.PasswordChar = '\*';

textBox2.MaxLength = 20;

}

//Sha1 Encrpytion

string base64(string input)

{

string base64Encoded;

byte[] data = System.Text.ASCIIEncoding.ASCII.GetBytes(input);

base64Encoded = System.Convert.ToBase64String(data);

return base64Encoded;

}

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

{

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

SQLiteCommand myadap = new SQLiteCommand("SELECT \* FROM users WHERE User = '" + textBox1.Text + "' AND Password ='"+base64(textBox2.Text)+"';", myconn);

SQLiteDataReader myReader;

try {

myconn.Open();

myReader = myadap.ExecuteReader();

int count = 0;

while (myReader.Read())

{

count = count + 1;

}

//checking to see if the employee name and id are valid

if (count == 1)

{

//creates the second form and displays it

Form2 f = new Form2();

// Hide();

f.ShowDialog();

myconn.Close();

}

else

{

//print out if employee name and id are not correct

MessageBox.Show("Username or Password Is Not Correct ...Please Try Again!");

}

}

catch (Exception ex) {

MessageBox.Show(ex.Message);

}

}

}

}

**Form 2**

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 MySql.Data.MySqlClient;

namespace NewsPaper

{

public partial class Form2 : Form

{

public Form2()

{

InitializeComponent();

}

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

{

//generate bill form

//creates the second form and displays it

Form7 bill = new Form7();

bill.ShowDialog();

}

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

{

//Add/Remove customer form

//creates the third form and displays it

Form3 customer = new Form3();

customer.ShowDialog();

}

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

{

//Generate summary form

//creates the fourth form and displays it

Form4 summary = new Form4();

summary.ShowDialog();

}

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

{

//Modify cstomers information form

//creates the fifth form and displays it

Form5 modify = new Form5();

modify.ShowDialog();

}

}

}

**Form 3**

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.SQLite;

namespace NewsPaper

{

public partial class Form3 : Form

{

public Form3()

{

InitializeComponent();

}

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

{

String address = "";

String number = "";

if (comboBox1.Text == "FedEx")

{

address = "777 FedEx Drive";

number = "1800FedEx";

}

if (comboBox1.Text == "UPS")

{

address = "888 UPS Drive";

number = "1800UPS";

}

if (comboBox1.Text == "USPS")

{

address = "999 USPS Drive";

number = "1800USPS";

}

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

myconn.Open();

SQLiteCommand cmd = myconn.CreateCommand();

cmd.CommandText = "INSERT INTO carrier (CustomersName, CarrierName, CarrierAddress, CarrierNumber, Routes ) VALUES ('" + textBox1.Text + "','" + comboBox1.Text + "','" + address + "','" + number + "','" + comboBox2.Text + "');";

try

{

//Checks to see if the textbox is empty prints out if it is not

if (textBox1.Text == "" || textBox2.Text == "" || textBox3.Text == "" || comboBox1.SelectedItem == null || comboBox2.SelectedItem == null)

{

MessageBox.Show("Please Do Not Leave Field Empty");

}

else

{

cmd.ExecuteNonQuery();

myconn.Close();

MessageBox.Show("Succesfully Imported");

textBox1.Text = ""; textBox2.Text = ""; textBox3.Text = "";

myconn.Close();

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

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

{

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

String check = "";

if (radioButton1.Checked)

{

check = "Newspaper";

}

else if (radioButton2.Checked)

{

check = "Magazine";

}

myconn.Open();

SQLiteCommand cmd = myconn.CreateCommand();

cmd.CommandText = "INSERT INTO customers(CustomersName, Address, PhoneNumber, Subscription) VALUES('" + textBox1.Text + "', '" + textBox2.Text + "', '" + textBox3.Text + "', '" + check + "');";

try

{

groupBox1.Visible = true;

if (textBox1.Text == "" || textBox2.Text == "" || textBox3.Text == "" && (radioButton1.Checked ||radioButton2.Checked))

{

MessageBox.Show("Please Do Not Leave Field Empty");

}

else

{

cmd.ExecuteNonQuery();

myconn.Close();

MessageBox.Show("Succesfully Imported");

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

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

{

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

SQLiteCommand cmd = new SQLiteCommand("DELETE FROM customers WHERE CustomerID = '"+textBox5.Text+"'; DELETE FROM carrier WHERE CustomerID ='" + textBox5.Text+"';", myconn);

SQLiteDataReader myReader;

try

{

//Checks to see if the textbox is empty prints out if it is not

if (textBox5.Text == "" )

{

MessageBox.Show("Please Do Not Leave The Field Empty!");

}

else

{

myconn.Open();

myReader = cmd.ExecuteReader();

MessageBox.Show("Succesfully Deleted");

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void textBox5\_TextChanged(object sender, EventArgs e)

{

}

private void Form3\_Load(object sender, EventArgs e)

{

groupBox1.Hide();

}

}

}

**Form 4**

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.SQLite;

namespace NewsPaper

{

public partial class Form7 : Form

{

public Form7()

{

InitializeComponent();

}

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

{

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

SQLiteCommand cmd = myconn.CreateCommand();

cmd.CommandText = "SELECT Bill, PayDay, Monthly FROM customers WHERE CustomerID = '" + textBox1.Text + "'";

myconn.Open();

SQLiteDataReader myReader;

myReader = cmd.ExecuteReader();

try

{

if (textBox1.Text == "")

{

MessageBox.Show("Please enter a value!");

}

else

{

groupBox1.Visible = true;

if (myReader.Read())

{

label3.Text = (myReader["PayDay"].ToString());

label5.Text = (myReader["Bill"].ToString());

label7.Text = (myReader["Monthly"].ToString());

}

myReader.Close();

}

myconn.Close();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void Form7\_Load(object sender, EventArgs e)

{

groupBox1.Hide();

}

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

{

//UPDATE customers SET PayDay = " + time.ToString(format) + "

using (SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db"))

{

myconn.Open();

var sql = "Update customers SET Bill = Bill - @pay WHERE customers.CustomerID = @cid;";

using (var cmd = new SQLiteCommand(sql, myconn))

{

cmd.Parameters.AddWithValue("@cid", textBox1.Text);

cmd.Parameters.AddWithValue("@pay", textBox2.Text);

cmd.ExecuteNonQuery();

MessageBox.Show("Successfully Updated");

}

}

}

}

}

**Form 5**

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.SQLite;

namespace NewsPaper

{

public partial class Form5 : Form

{

public Form5()

{

InitializeComponent();

}

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

{

if (textBox1.Text == "")

{

MessageBox.Show("Please input an ID!");

}

else

{

comboBox1.Visible = true;

label2.Visible = true;

textBox2.Visible = true;

button2.Visible = true;

groupBox1.Visible = true;

}

}

private void label2\_Click(object sender, EventArgs e)

{

}

private void groupBox1\_Enter(object sender, EventArgs e)

{

}

private void comboBox1\_SelectedIndexChanged(object sender, EventArgs e)

{

label2.Text = comboBox1.Text;

}

private void Form5\_Load(object sender, EventArgs e)

{

comboBox1.Hide();

label2.Hide();

textBox2.Hide();

button2.Hide();

groupBox1.Hide();

groupBox2.Hide();

button3.Hide();

}

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

{

String change = comboBox1.Text;

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

myconn.Open();

SQLiteCommand cmd = myconn.CreateCommand();

cmd.CommandText = "UPDATE customers SET " + change + " = '" + textBox2.Text + "' WHERE customers.CustomerID = " + textBox1.Text + ";";

if(change == "CustomersName")

{

cmd.CommandText += "UPDATE carrier SET " + change + " = '" + textBox2.Text + "' WHERE carrier.CustomerID = " + textBox1.Text + ";";

}

cmd.ExecuteNonQuery();

MessageBox.Show("Successfully Modified!");

myconn.Close();

}

private void radioButton1\_CheckedChanged(object sender, EventArgs e)

{

groupBox2.Visible = true;

button3.Visible = true;

}

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

{

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

myconn.Open();

SQLiteCommand cmd = myconn.CreateCommand();

int hold = 1;

cmd.CommandText = "UPDATE customers SET Hold = '" + hold + "'WHERE customers.CustomerID = " + textBox1.Text + "; UPDATE customers SET Date = '" + dateTimePicker1.Value.Date.ToString("MM/dd/yyyy") + "' WHERE customers.CustomerID = " + textBox1.Text + ";";

cmd.ExecuteNonQuery();

MessageBox.Show("Succesfully Imported");

myconn.Close();

}

}

}

**Form 6**

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.SQLite;

namespace NewsPaper

{

public partial class Form7 : Form

{

public Form7()

{

InitializeComponent();

}

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

{

SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db");

SQLiteCommand cmd = myconn.CreateCommand();

cmd.CommandText = "SELECT Bill, PayDay, Monthly FROM customers WHERE CustomerID = '" + textBox1.Text + "'";

myconn.Open();

SQLiteDataReader myReader;

myReader = cmd.ExecuteReader();

try

{

if (textBox1.Text == "")

{

MessageBox.Show("Please enter a value!");

}

else

{

groupBox1.Visible = true;

if (myReader.Read())

{

label3.Text = (myReader["PayDay"].ToString());

label5.Text = (myReader["Bill"].ToString());

label7.Text = (myReader["Monthly"].ToString());

}

myReader.Close();

}

myconn.Close();

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void Form7\_Load(object sender, EventArgs e)

{

groupBox1.Hide();

}

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

{

//UPDATE customers SET PayDay = " + time.ToString(format) + "

using (SQLiteConnection myconn = new SQLiteConnection(@"Data Source = C:\Users\chick\Newspaper.db"))

{

myconn.Open();

var sql = "Update customers SET Bill = Bill - @pay WHERE customers.CustomerID = @cid;";

using (var cmd = new SQLiteCommand(sql, myconn))

{

cmd.Parameters.AddWithValue("@cid", textBox1.Text);

cmd.Parameters.AddWithValue("@pay", textBox2.Text);

cmd.ExecuteNonQuery();

MessageBox.Show("Successfully Updated");

}

}

}

}

}