**E-PROJECT**

**REPORT**

SIMS

SALES & INVENTORY MANAGEMENT SYSTEM

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**PROJECT SYNOPSIS**

* OBJECTIVE:

You are expected to develop a ‘Sales and Inventory Management System (SIMS)’ so that users can manage the details and admin functionalities.

* PROBLEM STATEMENT:

The owner of the store has employed salesmen, sales manager, and inventory manager. Salesmen look after selling the products to the customers; sales manager is looking after producing the invoices and managing sales related data whereas inventory manager is taking care of stock checking and re-ordering the products.

The sales manager and inventory manager maintain the registers of the various records required. But due to increase in sales they are finding it difficult to manage the large amount of transactions which are causing discrepancies in the data.

**PROJECT ANALYSIS**

* TOOLS AND TECHNOLOGIES:
* **TOOLS**:
* Visual Studio .Net / ASP / Visual studio 6.0
* IIS server
* .Net Framework
* Java Virtual Machine/ J2EE server
* Notepad/Java editor
* j2sdk1.4.1\_02 (or later).
* EJB Dev Kit
* Java enabled web server
* JSP / Servlets Dev. Kit
* **TECHNOLOGIES**:
* C#
* STAGES OF PROJECT:

|  |  |  |
| --- | --- | --- |
| **S.No** | **STAGES OF PROJECT** | **DAYS** |
| 1 | Layout Designing | 5 |
| 2 | Coding | 4 |
| 3 | Collecting Data | 2 |
| 4 | Testing | 2 |
| 5 | Report | 1 |

* REFERENCES:

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**Design Details**

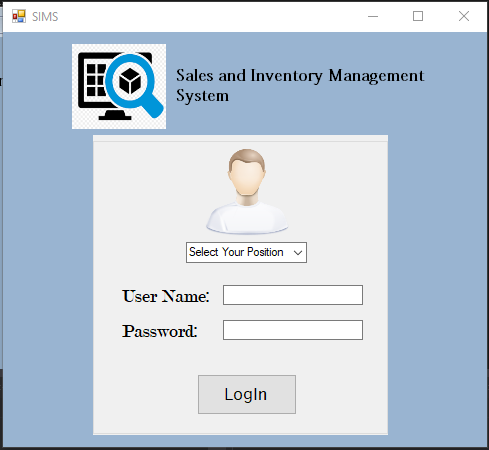
* + LAYOUT: The layout is made of tabs specified for different section it is a very good way to make the User Experience better and simplified.
  + COLOR: We have used colors to make the software look more attractive. We have mainly use blue and white color combination.

**SCREEN SHOTS**

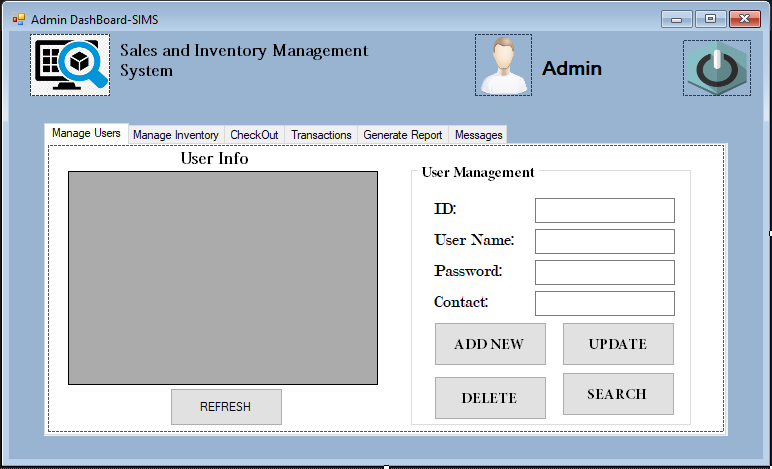
START SCREEN

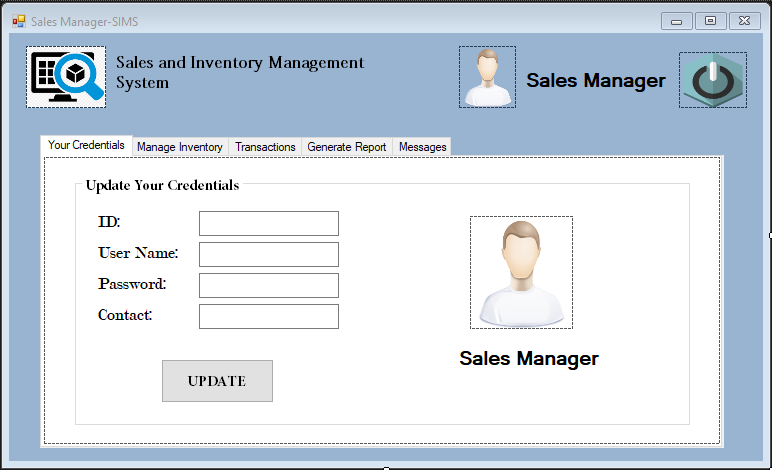
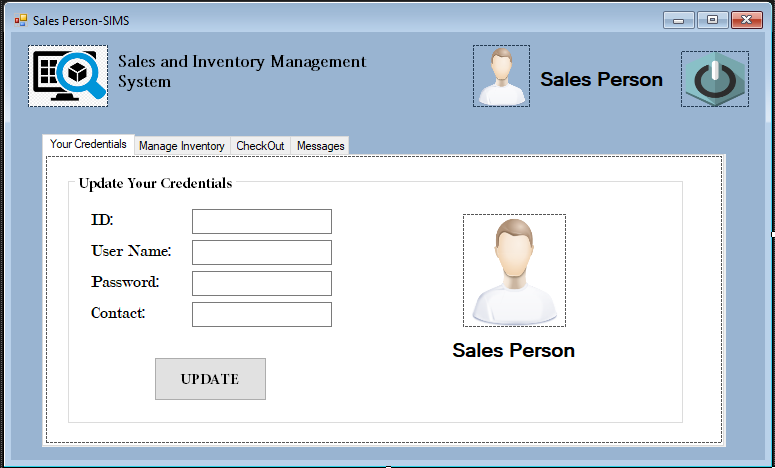
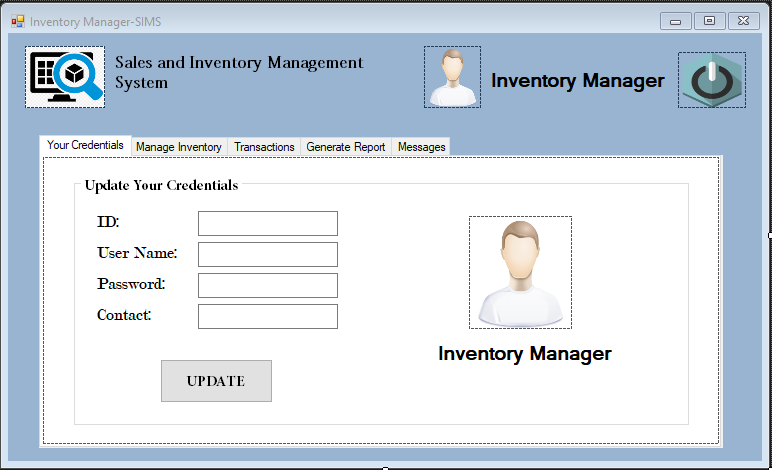
Start screen of the software is the place where every user has to go through every time thay are going to log in, this page will take them to their desired page or the page that is designated to them.

There are four positions of users which are: Admin, Sales Manager, Sales Person and Inventory Manager.



ALL USER’S SCREENS

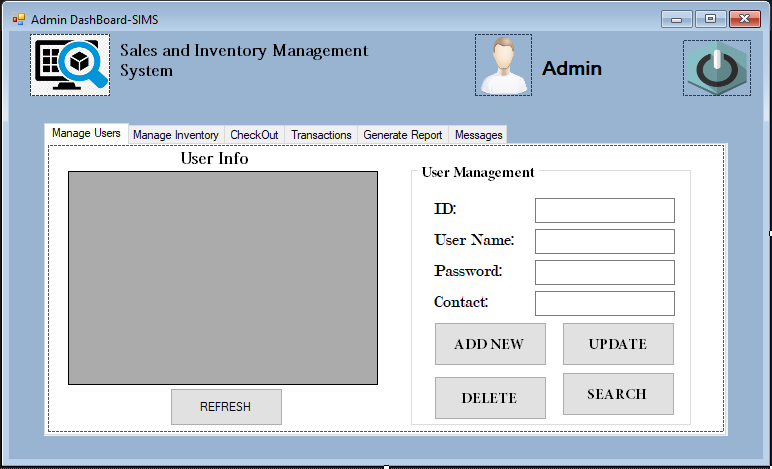




Manage Users

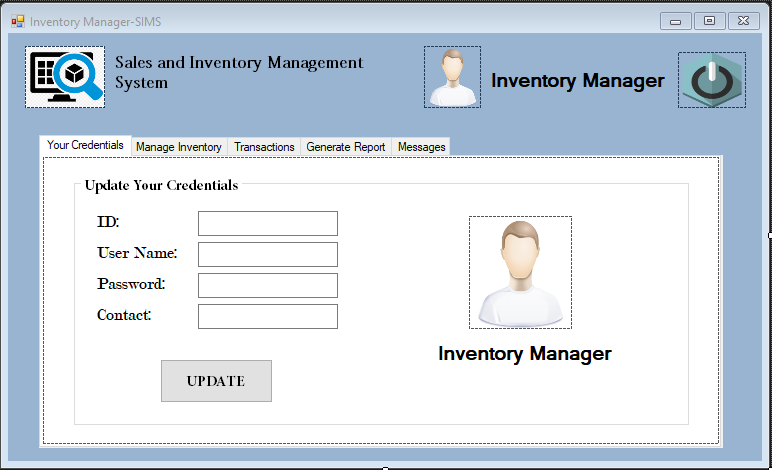
Manage users is a tab which is only provided to the admin, this tab lets the admin to have a check on every user the admin can

* Add new users
* Update user credentials
* Delete any user
* Search any user

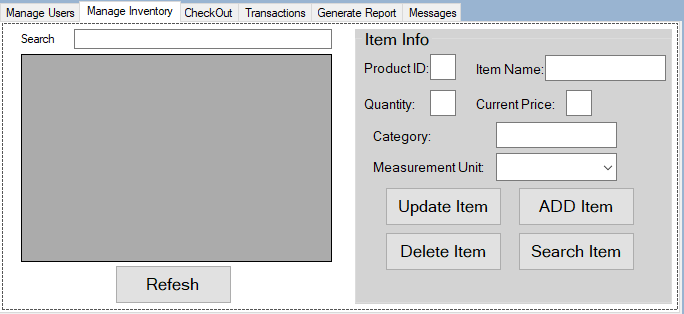


Your Credentials

Through this page every user can change his ID, Username, Password and contacts.

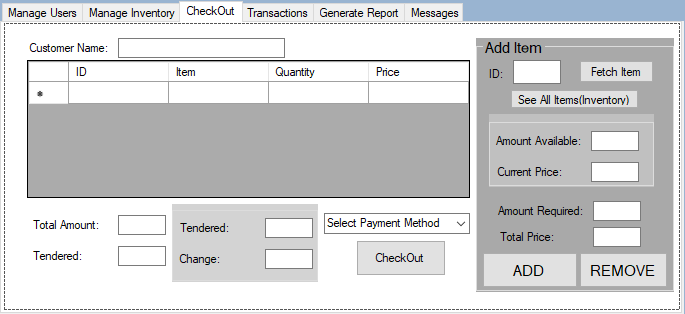


Manage Inventory

With this tab a user can check any item in the inventory and other than that the user can add new item, update any info about the item and delete an item from the inventory.

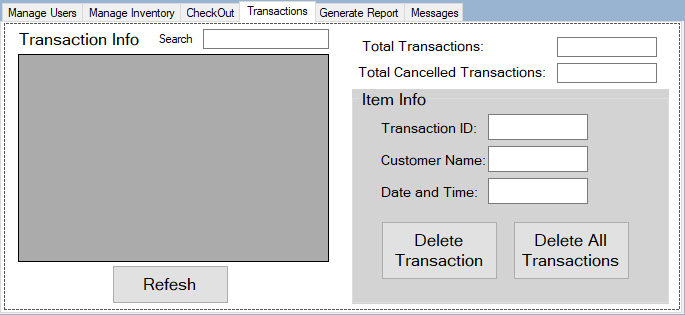
CheckOut

This tab is actually the main POS(Point of Sale) station where you can create an order and have a transaction, this tab is mainly used by he person at the checkout counter.



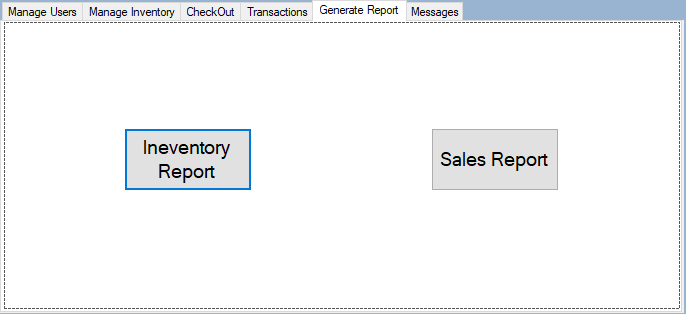
Transactions

With this tab a user can check any transaction ever made through the checkout tab, here user can see the total number of transaction and all number of cancelled transaction and can delete any transactions.

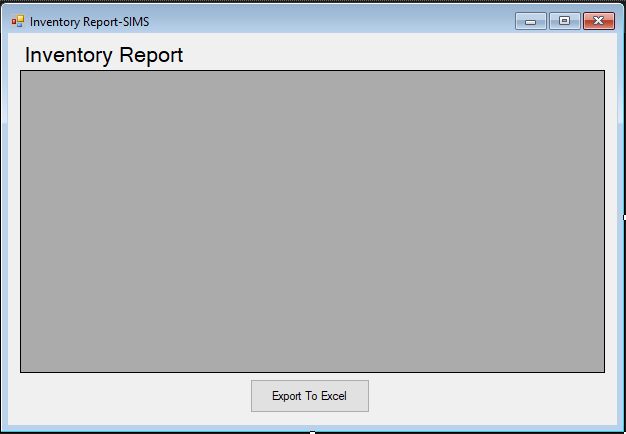


Generate Report

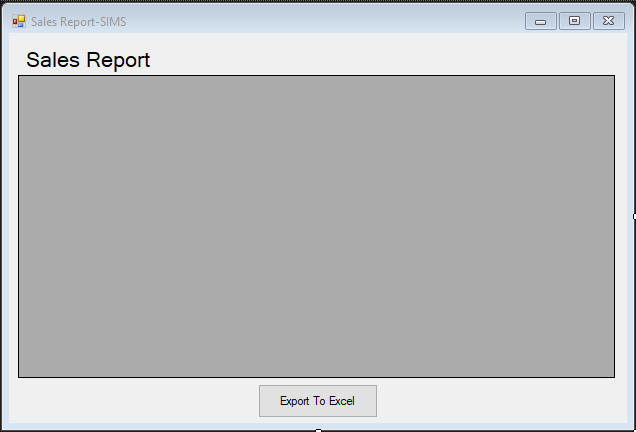
With this tab a user generate report about inventory and sales management.



Inventory Report



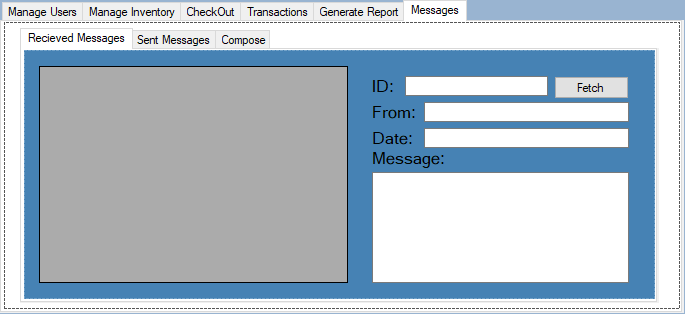
Sales Report



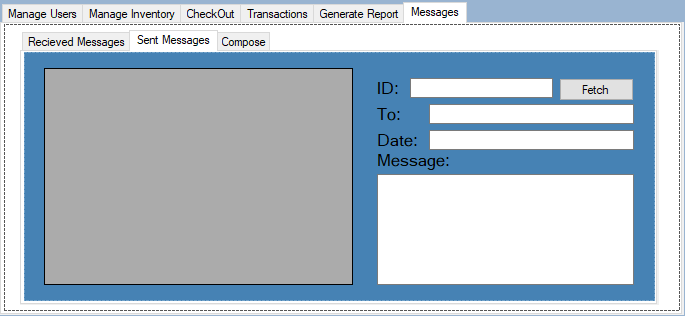
Messages

Using these tabs a user can send messages to any other user who has an ID on the server.

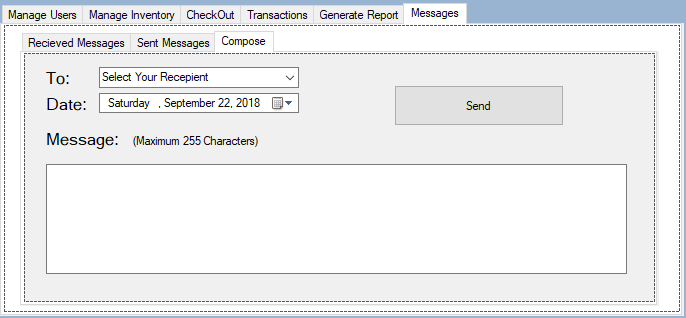
Received Messages



Sent Messages



Compose Messages



**SOURCE CODE**

Form1.cs

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 eproject\_SIMS\_

{

public partial class Form1 : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

public Form1()

{

InitializeComponent();

}

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

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string username = textBox1.Text;

string pass = textBox2.Text;

string selected = this.comboBox1.GetItemText(this.comboBox1.SelectedItem);

string q = "select \* from users where usename = '" + username + "' AND password = '" + pass + "' AND post = '" + selected + "'";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

if (selected.Contains(value: "Admin"))

{

mainscreen mainsc = new mainscreen();

mainsc.Visible = true;

this.Visible = false;

}

if (selected.Contains(value: "Sales Person"))

{

salespersondash salepdash = new salespersondash();

salepdash.Visible = true;

this.Visible = false;

}

if (selected.Contains(value: "Sales Manager"))

{

salesmanagerdash salemdash = new salesmanagerdash();

salemdash.Visible = true;

this.Visible = false;

}

if (selected.Contains(value: "Inventory Manager"))

{

inventorymanagerdash invmdash = new inventorymanagerdash();

invmdash.Visible = true;

this.Visible = false;

}

}

else

{

MessageBox.Show("Incorrect name or password");

}

con.Close();

}

}

}

Checkout.cs

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 eproject\_SIMS\_

{

public partial class checkout : Form

{

public checkout()

{

InitializeComponent();

}

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

private void button12\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox15.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory where id = " + itemid;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

string itemname = dr.GetString(1);

textBox1.Text = itemname;

textBox17.Text = dr.GetInt32(2).ToString();

textBox16.Text = dr.GetInt32(3).ToString();

//textBox23.Text = dr.GetString(4);

//textBox36.Text = dr.GetString(5);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button24\_Click(object sender, EventArgs e)

{

int amntreq = Convert.ToInt32(textBox19.Text);

int curentprice = Convert.ToInt32(textBox16.Text);

if (amntreq > 0)

{

int totprice = curentprice \* amntreq;

textBox18.Text = totprice.ToString();

}

}

private void button13\_Click(object sender, EventArgs e)

{

inventoryreport invrep = new inventoryreport();

invrep.Visible = true;

}

private void button14\_Click(object sender, EventArgs e)

{

int n = dataGridView3.Rows.Add();

dataGridView3.Rows[n].Cells[0].Value = textBox15.Text;

dataGridView3.Rows[n].Cells[1].Value = textBox1.Text;

dataGridView3.Rows[n].Cells[2].Value = textBox19.Text;

dataGridView3.Rows[n].Cells[3].Value = textBox18.Text;

}

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

{

int sum=0;

for (int i = 0; i <= dataGridView3.Rows.Count - 1; i++)

{

sum += Convert.ToInt32(dataGridView3.Rows[i].Cells[3].Value);

}

textBox11.Text = sum.ToString();

}

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

{

int tot = Convert.ToInt32(textBox11.Text);

int given = Convert.ToInt32(textBox12.Text);

int change = given - tot;

textBox13.Text = change.ToString();

textBox14.Text = given.ToString();

}

private void button11\_Click(object sender, EventArgs e)

{

// int id = Convert.ToInt32(textBox2.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string cname = textBox10.Text;

DateTime now = DateTime.Now;

string date = now.ToString();

int tot = Convert.ToInt32(textBox11.Text);

string selected = comboBox2.SelectedItem.ToString();

string q = "insert into transactions values ('" + cname + "','" + date + "','" + tot + "','" + selected + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Transaction Proceeded Succesfully");

}

private void dataGridView3\_CellClick(object sender, DataGridViewCellEventArgs e)

{

int index = e.RowIndex;

DataGridViewRow selectedrow = dataGridView3.Rows[index];

textBox15.Text = selectedrow.Cells[0].Value.ToString();

textBox1.Text = selectedrow.Cells[1].Value.ToString();

textBox19.Text = selectedrow.Cells[2].Value.ToString();

textBox18.Text = selectedrow.Cells[3].Value.ToString();

textBox17.Text = "";

textBox16.Text = "";

}

}

}

Inventorymanagerdash.cs

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 eproject\_SIMS\_

{

public partial class inventorymanagerdash : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

public inventorymanagerdash()

{

InitializeComponent();

displayinfo();

displayinv();

displaytransactions();

displayrecieved();

displaysent();

}

private void displaysent()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Sender = 'Inventory Manager' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView6.DataSource = table;

con.Close();

}

private void displayrecieved()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Recepient = 'Inventory Manager' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView5.DataSource = table;

con.Close();

}

private void displaytransactions()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from transactions";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView4.DataSource = table;

con.Close();

}

private void displayinv()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView2.DataSource = table;

con.Close();

}

private void displayinfo()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from users where post='Inventory Manager'";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox1.Text = dr.GetString(1);

textBox2.Text = dr.GetString(2);

textBox3.Text = dr.GetString(3);

textBox4.Text = dr.GetString(4);

}

}

private void pictureBox2\_Click(object sender, EventArgs e)

{

this.Visible = false;

Form1 f1 = new Form1();

f1.Visible = true;

}

private void button18\_Click(object sender, EventArgs e)

{

inventoryreport invrep = new inventoryreport();

invrep.Visible = true;

}

private void button20\_Click(object sender, EventArgs e)

{

salesreport salrep = new salesreport();

salrep.Visible = true;

}

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

{

displayinfo();

}

private void button10\_Click(object sender, EventArgs e)

{

displayinv();

}

private void button8\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

//int id = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox5.Text;

string q = "insert into inventory values ('" + itemname + "','" + itemqty + "','" + itemprice + "','" + itemcategory + "','" + itemunit + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Item Is Added Succesfully");

}

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

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

int itemid = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox5.Text;

String q = "update inventory set name = '" + itemname + "' ,quantity = '" + itemqty + "',price = '" + itemprice + "',category = '" + itemcategory + "',measuringunit = '" + itemunit + "' where id=" + itemid;

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

MessageBox.Show("DATA UPDATED");

con.Close();

}

private void button9\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory where id = " + itemid;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox7.Text = dr.GetString(1);

textBox8.Text = dr.GetInt32(2).ToString();

textBox9.Text = dr.GetInt32(3).ToString();

textBox23.Text = dr.GetString(4);

textBox5.Text = dr.GetString(5);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button7\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from inventory where id =" + itemid;

cmd = new SqlCommand(q, con);

MessageBox.Show("RECORD DELETED");

cmd.ExecuteNonQuery();

con.Close();

}

private void button16\_Click(object sender, EventArgs e)

{

displaytransactions();

}

private void button19\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string id = textBox20.Text;

String q = "DELETE FROM transactions WHERE id = " + id;

cmd = new SqlCommand(q, con);

MessageBox.Show("This Transaction was Deleted");

cmd.ExecuteNonQuery();

con.Close();

}

private void button17\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from transactions";

cmd = new SqlCommand(q, con);

MessageBox.Show("All Transactions Deleted");

cmd.ExecuteNonQuery();

con.Close();

}

private void dataGridView4\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

int index = e.RowIndex;

DataGridViewRow selectedrow = dataGridView4.Rows[index];

textBox20.Text = selectedrow.Cells[0].Value.ToString();

textBox21.Text = selectedrow.Cells[1].Value.ToString();

textBox22.Text = selectedrow.Cells[2].Value.ToString();

textBox11.Text = selectedrow.Cells[3].Value.ToString();

textBox10.Text = selectedrow.Cells[4].Value.ToString();

}

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

{

displayrecieved();

}

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

{

displaysent();

}

private void button21\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox25.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox26.Text = dr.GetString(2);

textBox27.Text = dr.GetString(3);

textBox28.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button22\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox32.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox31.Text = dr.GetString(1);

textBox30.Text = dr.GetString(3);

textBox29.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button23\_Click(object sender, EventArgs e)

{

string recepient = comboBox3.Text;

string date = dateTimePicker1.Text;

string message = textBox33.Text;

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string q = "insert into messages values ('" + recepient + "','" + "Inventory Manager" + "','" + date + "','" + message + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Message Sent Succesfully");

}

}

}

Inventoryreport.cs

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 eproject\_SIMS\_

{

public partial class inventoryreport : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

public inventoryreport()

{

InitializeComponent();

display();

}

private void display()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView1.DataSource = table;

con.Close();

}

}

}

mainscreen.cs

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 eproject\_SIMS\_

{

public partial class mainscreen : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

// int newrow = 0;

public mainscreen()

{

InitializeComponent();

display();

displayinv();

displaytransaction();

displayrecieved();

displaysent();

}

private void displaysent()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Sender = 'Admin' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView6.DataSource = table;

con.Close();

}

private void displayrecieved()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Recepient = 'Admin' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView5.DataSource = table;

con.Close();

}

private void displaytransaction()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from transactions";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView4.DataSource = table;

con.Close();

}

private void pictureBox2\_Click(object sender, EventArgs e)

{

this.Visible = false;

Form1 f1 = new Form1();

f1.Visible = true;

}

private void button18\_Click(object sender, EventArgs e)

{

inventoryreport invrep = new inventoryreport();

invrep.Visible = true;

}

private void button20\_Click(object sender, EventArgs e)

{

salesreport salrep = new salesreport();

salrep.Visible = true;

}

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

{

// int id = Convert.ToInt32(textBox2.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string username = textBox1.Text;

string password = textBox3.Text;

string post = this.comboBox4.GetItemText(this.comboBox4.SelectedItem);

string contact = textBox4.Text;

string q = "insert into users values ('" + username + "','" + password + "','" + post + "','" + contact + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Record Is Added Succesfully");

}

private void display()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from users";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView1.DataSource = table;

con.Close();

}

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

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

int id = Convert.ToInt32(textBox2.Text);

string username = textBox1.Text;

string password = textBox3.Text;

string post = this.comboBox4.GetItemText(this.comboBox4.SelectedItem);

string contact = textBox4.Text;

String q = "update users set usename = '" + username + "' ,password = '" + password + "',post = '" + post + "',contact = '" + contact + "' where id=" + id;

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

MessageBox.Show("DATA UPDATED");

con.Close();

display();

}

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

{

display();

}

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

{

int id = Convert.ToInt32(textBox2.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from users where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox1.Text = dr.GetString(1);

textBox3.Text = dr.GetString(2);

comboBox4.Text = dr.GetString(3);

textBox4.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

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

{

int id = Convert.ToInt32(textBox2.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from users where id =" + id;

cmd = new SqlCommand(q, con);

MessageBox.Show("RECORD DELETED");

cmd.ExecuteNonQuery();

con.Close();

}

// ------------------------- MANAGE INVENTORY --------------

private void button10\_Click(object sender, EventArgs e)

{

displayinv();

}

private void displayinv()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView2.DataSource = table;

con.Close();

}

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

{

}

private void button8\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

//int id = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox36.Text;

string q = "insert into inventory values ('" + itemname + "','" + itemqty + "','" + itemprice + "','" + itemcategory + "','" + itemunit + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Item Is Added Succesfully");

}

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

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

int itemid = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox36.Text;

String q = "update inventory set name = '" + itemname + "' ,quantity = '" + itemqty + "',price = '" + itemprice + "',category = '" + itemcategory + "',measuringunit = '" + itemunit + "' where id=" + itemid;

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

MessageBox.Show("DATA UPDATED");

con.Close();

}

private void button9\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory where id = " + itemid;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox7.Text = dr.GetString(1);

textBox8.Text = dr.GetInt32(2).ToString();

textBox9.Text = dr.GetInt32(3).ToString();

textBox23.Text = dr.GetString(4);

textBox36.Text = dr.GetString(5);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button7\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from inventory where id =" + itemid;

cmd = new SqlCommand(q, con);

MessageBox.Show("RECORD DELETED");

cmd.ExecuteNonQuery();

con.Close();

}

private void textBox19\_TextChanged(object sender, EventArgs e)

{

}

private void button25\_Click(object sender, EventArgs e)

{

checkout ch = new checkout();

ch.Visible = true;

}

private void dataGridView4\_CellClick(object sender, DataGridViewCellEventArgs e)

{

int index = e.RowIndex;

DataGridViewRow selectedrow = dataGridView4.Rows[index];

textBox20.Text = selectedrow.Cells[0].Value.ToString();

textBox21.Text = selectedrow.Cells[1].Value.ToString();

textBox22.Text = selectedrow.Cells[2].Value.ToString();

textBox11.Text = selectedrow.Cells[3].Value.ToString();

textBox10.Text = selectedrow.Cells[4].Value.ToString();

}

private void button17\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from transactions";

cmd = new SqlCommand(q, con);

MessageBox.Show("All Transactions Deleted");

cmd.ExecuteNonQuery();

con.Close();

}

private void button16\_Click(object sender, EventArgs e)

{

displaytransaction();

}

private void button11\_Click(object sender, EventArgs e)

{

displayrecieved();

}

private void button21\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox25.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox26.Text = dr.GetString(2);

textBox27.Text = dr.GetString(3);

textBox28.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button12\_Click(object sender, EventArgs e)

{

displaysent();

}

private void button22\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox32.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox31.Text = dr.GetString(1);

textBox30.Text = dr.GetString(3);

textBox29.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button23\_Click(object sender, EventArgs e)

{

string recepient = comboBox3.Text;

string date = dateTimePicker1.Text;

string message = textBox33.Text;

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string q = "insert into messages values ('" + recepient + "','"+"Admin"+"','" + date + "','" + message + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Message Sent Succesfully");

}

private void button13\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string id = textBox20.Text;

String q = "DELETE FROM transactions WHERE id = "+id;

cmd = new SqlCommand(q, con);

MessageBox.Show("This Transaction was Deleted");

cmd.ExecuteNonQuery();

con.Close();

}

}

}

salesmanagerdash.cs

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 eproject\_SIMS\_

{

public partial class salesmanagerdash : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

public salesmanagerdash()

{

InitializeComponent();

displayinfo();

displayinv();

displaytransactions();

displayrecieved();

displaysent();

}

private void displaysent()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Sender = 'Sales Manager' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView6.DataSource = table;

con.Close();

}

private void displayrecieved()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Recepient = 'Sales Manager' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView5.DataSource = table;

con.Close();

}

private void displaytransactions()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from transactions";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView4.DataSource = table;

con.Close();

}

private void displayinv()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView2.DataSource = table;

con.Close();

}

private void displayinfo()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from users where post='Sales Manager'";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox1.Text = dr.GetString(1);

textBox2.Text = dr.GetString(2);

textBox3.Text = dr.GetString(3);

textBox4.Text = dr.GetString(4);

}

}

private void pictureBox2\_Click(object sender, EventArgs e)

{

this.Visible = false;

Form1 f1 = new Form1();

f1.Visible = true;

}

private void button18\_Click(object sender, EventArgs e)

{

inventoryreport invrep = new inventoryreport();

invrep.Visible = true;

}

private void button20\_Click(object sender, EventArgs e)

{

salesreport salrep = new salesreport();

salrep.Visible = true;

}

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

{

displayinfo();

}

private void button10\_Click(object sender, EventArgs e)

{

displayinv();

}

private void button9\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory where id = " + itemid;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox7.Text = dr.GetString(1);

textBox8.Text = dr.GetInt32(2).ToString();

textBox9.Text = dr.GetInt32(3).ToString();

textBox23.Text = dr.GetString(4);

textBox14.Text = dr.GetString(5);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

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

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

int itemid = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox14.Text;

String q = "update inventory set name = '" + itemname + "' ,quantity = '" + itemqty + "',price = '" + itemprice + "',category = '" + itemcategory + "',measuringunit = '" + itemunit + "' where id=" + itemid;

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

MessageBox.Show("DATA UPDATED");

con.Close();

}

private void button8\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

//int id = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox14.Text;

string q = "insert into inventory values ('" + itemname + "','" + itemqty + "','" + itemprice + "','" + itemcategory + "','" + itemunit + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Item Is Added Succesfully");

}

private void button7\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from inventory where id =" + itemid;

cmd = new SqlCommand(q, con);

MessageBox.Show("RECORD DELETED");

cmd.ExecuteNonQuery();

con.Close();

}

private void button16\_Click(object sender, EventArgs e)

{

displaytransactions();

}

private void dataGridView4\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

int index = e.RowIndex;

DataGridViewRow selectedrow = dataGridView4.Rows[index];

textBox20.Text = selectedrow.Cells[0].Value.ToString();

textBox21.Text = selectedrow.Cells[1].Value.ToString();

textBox22.Text = selectedrow.Cells[2].Value.ToString();

textBox5.Text = selectedrow.Cells[3].Value.ToString();

textBox15.Text = selectedrow.Cells[4].Value.ToString();

}

private void button19\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string id = textBox20.Text;

String q = "DELETE FROM transactions WHERE id = " + id;

cmd = new SqlCommand(q, con);

MessageBox.Show("This Transaction was Deleted");

cmd.ExecuteNonQuery();

con.Close();

}

private void button17\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from transactions";

cmd = new SqlCommand(q, con);

MessageBox.Show("All Transactions Deleted");

cmd.ExecuteNonQuery();

con.Close();

}

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

{

displayrecieved();

}

private void button21\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox25.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox26.Text = dr.GetString(2);

textBox27.Text = dr.GetString(3);

textBox28.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

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

{

displaysent();

}

private void button22\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox32.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox31.Text = dr.GetString(1);

textBox30.Text = dr.GetString(3);

textBox29.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button23\_Click(object sender, EventArgs e)

{

string recepient = comboBox3.Text;

string date = dateTimePicker1.Text;

string message = textBox33.Text;

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string q = "insert into messages values ('" + recepient + "','" + "Sales Manager" + "','" + date + "','" + message + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Message Sent Succesfully");

}

}

}

salespersondash.cs

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 eproject\_SIMS\_

{

public partial class salespersondash : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

public salespersondash()

{

InitializeComponent();

displayinfo();

displayinv();

displayrecieved();

displaysent();

}

private void displaysent()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Sender = 'Sales Person' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView6.DataSource = table;

con.Close();

}

private void displayrecieved()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where Recepient = 'Sales Person' ";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView5.DataSource = table;

con.Close();

}

private void displayinv()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView2.DataSource = table;

con.Close();

}

private void displayinfo()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from users where post='Sales Person'";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox1.Text = dr.GetString(1);

textBox2.Text = dr.GetString(2);

textBox3.Text = dr.GetString(3);

textBox4.Text = dr.GetString(4);

}

}

private void pictureBox2\_Click(object sender, EventArgs e)

{

this.Visible = false;

Form1 f1 = new Form1();

f1.Visible = true;

}

private void button13\_Click(object sender, EventArgs e)

{

inventoryreport invrep = new inventoryreport();

invrep.Visible = true;

}

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

{

displayinfo();

}

private void button10\_Click(object sender, EventArgs e)

{

displayinv();

}

private void button9\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from inventory where id = " + itemid;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox7.Text = dr.GetString(1);

textBox8.Text = dr.GetInt32(2).ToString();

textBox9.Text = dr.GetInt32(3).ToString();

textBox23.Text = dr.GetString(4);

textBox5.Text = dr.GetString(5);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

private void button8\_Click(object sender, EventArgs e)

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

//int id = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox5.Text;

string q = "insert into inventory values ('" + itemname + "','" + itemqty + "','" + itemprice + "','" + itemcategory + "','" + itemunit + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Item Is Added Succesfully");

}

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

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

int itemid = Convert.ToInt32(textBox6.Text);

string itemname = textBox7.Text;

int itemqty = Convert.ToInt32(textBox8.Text);

string itemcategory = textBox23.Text;

int itemprice = Convert.ToInt32(textBox9.Text);

string itemunit = textBox5.Text;

String q = "update inventory set name = '" + itemname + "' ,quantity = '" + itemqty + "',price = '" + itemprice + "',category = '" + itemcategory + "',measuringunit = '" + itemunit + "' where id=" + itemid;

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

MessageBox.Show("DATA UPDATED");

con.Close();

}

private void button7\_Click(object sender, EventArgs e)

{

int itemid = Convert.ToInt32(textBox6.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "delete from inventory where id =" + itemid;

cmd = new SqlCommand(q, con);

MessageBox.Show("RECORD DELETED");

cmd.ExecuteNonQuery();

con.Close();

}

private void button25\_Click(object sender, EventArgs e)

{

checkout ch = new checkout();

ch.Visible = true;

}

private void button21\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox25.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox26.Text = dr.GetString(2);

textBox27.Text = dr.GetString(3);

textBox28.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

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

{

displayrecieved();

}

private void button22\_Click(object sender, EventArgs e)

{

int id = Convert.ToInt32(textBox32.Text);

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from messages where id = " + id;

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

if (dr.Read())

{

textBox31.Text = dr.GetString(1);

textBox30.Text = dr.GetString(3);

textBox29.Text = dr.GetString(4);

}

else

{

MessageBox.Show("RECORD NOT FOUND");

}

con.Close();

}

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

{

displaysent();

}

private void button23\_Click(object sender, EventArgs e)

{

string recepient = comboBox3.Text;

string date = dateTimePicker1.Text;

string message = textBox33.Text;

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

string q = "insert into messages values ('" + recepient + "','" + "Sales Person" + "','" + date + "','" + message + "')";

cmd = new SqlCommand(q, con);

cmd.ExecuteNonQuery();

con.Close();

MessageBox.Show("Message Sent Succesfully");

}

}

}

Salesreportdash.cs

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 eproject\_SIMS\_

{

public partial class salesreport : Form

{

SqlConnection con;

SqlDataReader dr;

SqlCommand cmd;

public salesreport()

{

InitializeComponent();

display();

}

private void display()

{

con = new SqlConnection(@"Data Source=LAB1PC14\SQL2012;Initial Catalog=sims;User ID=sa;Password=sa9");

con.Open();

String q = "select \* from transactions";

cmd = new SqlCommand(q, con);

dr = cmd.ExecuteReader();

DataTable table = new DataTable();

table.Load(dr);

dataGridView1.DataSource = table;

con.Close();

}

}

}

program.cs

using System;

using System.Collections.Generic;

using System.Linq;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace eproject\_SIMS\_

{

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());

}

}

}

SQL Query (executethisfirst)

create database sims

use sims

create table users (id int PRIMARY KEY IDENTITY (1,1 ), usename varchar(60), password varchar(60), post varchar(60), contact varchar(60))

INSERT INTO users VALUES ('admin','admin','Admin','03254169854');

INSERT INTO users VALUES ('saleperson','saleperson','Sales Person','03254876521');

INSERT INTO users VALUES ('salemanager','salemanager','Sales Manager','02154876351');

INSERT INTO users VALUES ('invmanager','invmanager','Inventory Manager','02154896512');

create table inventory (id int PRIMARY KEY IDENTITY ( 1,1 ), name varchar(60), quantity int, price int, category varchar(60), measuringunit varchar(60))

INSERT INTO inventory VALUES ('Bread',99,45,'Eatables','Packets');

INSERT INTO inventory VALUES ('Eggs',109,8,'Eatables','Peices');

INSERT INTO inventory VALUES ('Apple',199,10,'Friuts','Peices');

INSERT INTO inventory VALUES ('Orange',199,12,'Friuts','Peices');

INSERT INTO inventory VALUES ('PineApple',209,200,'Friuts','Peices');

INSERT INTO inventory VALUES ('Butter',399,250,'Eatables','Tub');

INSERT INTO inventory VALUES ('Ice Cream',159,350,'Eatables','Tub');

INSERT INTO inventory VALUES ('Vegetable Oil',159,180,'Eatables','Bag');

INSERT INTO inventory VALUES ('Oilive Oil',159,400,'Eatables','Bag');

INSERT INTO inventory VALUES ('Rice',209,150,'Eatables','Kg');

create table transactions (id int PRIMARY KEY IDENTITY ( 1,1 ), CustomerName varchar(60), Date DATE, Amount int, PaymentMethod varchar(60) )

create table messages(id int PRIMARY KEY IDENTITY ( 1,1 ), Recepient varchar(60), Sender varchar(60), Date varchar(60), Message varchar(255) )

select \* from users

select \* from inventory

select \* from transactions

select \* from messages

**USER GUIDE**

* DEVICES:

Desktop PC.

* OPERATING SYSTEM:

Windows.

* SPACE:

1.90 MB (2,001,687 bytes)

**DEVELOPERS GUIDE**

* REQUIREMENTS:
* Operating System: Windows.
* Tools: Microsoft Visual Studios.
* Technologies: C#.
* STEPS TO OPEN:

1. Install Visual Studios.
2. Extract the file with name ‘EPROJECT(2018)SIMS’.
3. Open Extracted Files
4. First execute the SQL query file which is named ‘execute this first’.
5. Then open the folder name ‘eproject(SIMS)’.
6. Then open the Visual Studio File named ‘eproject(SIMS)’.
7. When the solution/project is loaded preview run(start) program.

* MODULE DISCRIPTION:

This contains the detail description of module with comments so that the developer can understand the code.

Following is the coding to respective pages.

THE END