Mobile Store Management

Aim:

To create a mobile store management application using WinForm .Application involves following:

* Billing
* Adding / Modifying Stock details
* View status of Stock remaining
* View All transaction done

Abstract:

We are creating a mobile store management application (Windows application). We use C#.NET framework top accomplish the project using Visual Studio IDE. The Project concentrates on three modules –

Create Bill by adding items into user’s purchase list and develop bill for the same indicating the total amount to be paid. Here the quantity for the purchased item will also be reduced accordingly

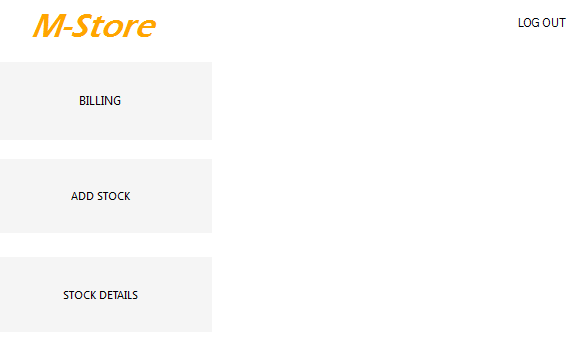
Adding stocks into master DB of the mobile store .This can be done in two ways i) We can add a new item (Mobile) along with its product code, quantity and price. Ii) We can modify the quantity for the existing item which will be updated in DB.

Billing history is provided so admin can view all the transactions done so far.

Stock Details can also be reviewed using another Window. This will display all the stock at first. Also stock listing can be done categorically

LOGIN PAGE

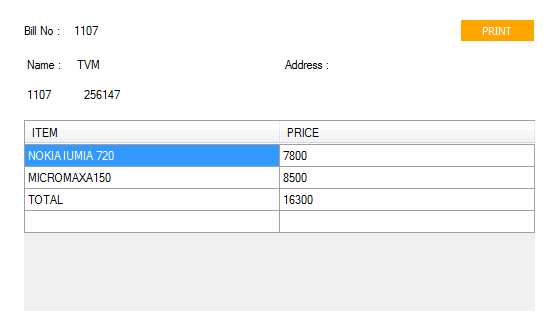
MENU PAGE



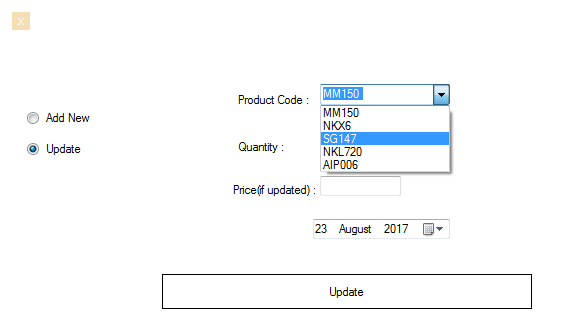
BILLING PAGE



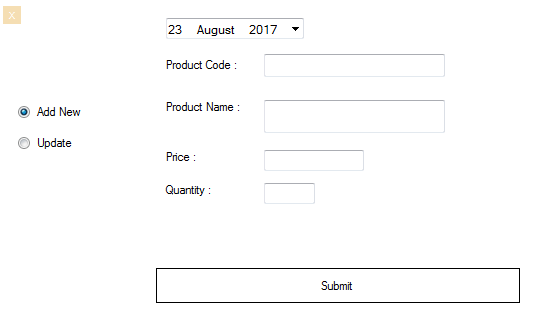
PAY BILL WINDOW

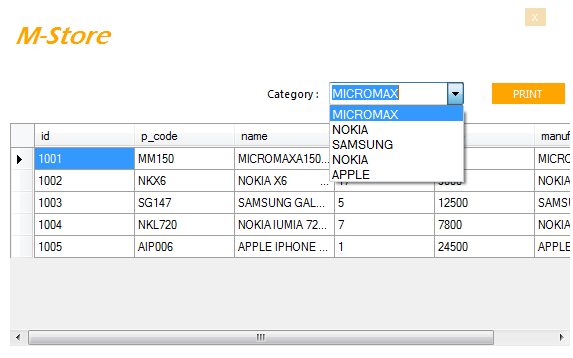


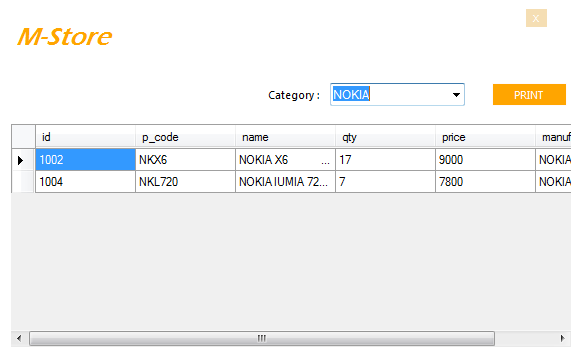
MODIFY STOCK WINDOW



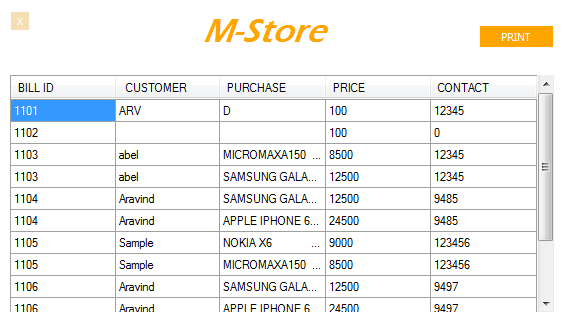
ADD STOCK WINDOW



VIEW STOCK WINDOW

VIEW STOCK WINDOW (CATEGORY) 

VIEW PURCHASES (BILLS)



Code

/\*billing.cs\*/

using System.Data.SqlClient;

namespace MobileStore

{

public partial class billing : Form

{

SqlConnection con = new SqlConnection("Data Source=NETWORKZ-PC;Initial Catalog=MobileStore;Integrated Security=True");

public billing()

{

InitializeComponent();

con.Open();

string billid = "SELECT (MAX(bill\_id)+1) FROM billing";

SqlCommand cmd = new SqlCommand(billid, con);

SqlDataReader dr = cmd.ExecuteReader();

dr.Read();

bill\_no.Text = (dr[0]).ToString();

con.Close();

}

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

{

ItemsBox1.Items.Add(comboBox1.Text);

}

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

{

ItemsBox1.Items.Remove(ItemsBox1.SelectedItem);

}

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

{

Menu m = new Menu();

this.Hide();

m.Show();

}

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

{

con.Open();

foreach (object ob in ItemsBox1.Items)

{

string item = ob.ToString();

string update1 = "UPDATE stock SET qty= (SELECT qty-1 FROM stock WHERE name='"+item+"') WHERE name='"+ob.ToString()+"'";

SqlCommand cmd1 = new SqlCommand(update1, con);

cmd1.ExecuteNonQuery();

string priceqry = "SELECT price FROM stock WHERE name='"+item+"'";

SqlCommand cmdprice = new SqlCommand(priceqry, con);

SqlDataReader dr = cmdprice.ExecuteReader();

dr.Read();

string price = (dr[0]).ToString();

dr.Close();

string update = "INSERT INTO billing(bill\_id,cust\_name,address,contact,items,total) VALUES("+bill\_no.Text+",'" + cust\_name.Text + "','" + address.Text + "'," + contact.Text + ",'" + item + "',"+price+")";

SqlCommand cmd = new SqlCommand(update, con);

cmd.ExecuteNonQuery();

}

Pay p = new Pay();

p.Show();

this.Hide();

con.Close();

}

}

}

/\*Pay.cs\*/

using System.Data.SqlClient;

namespace MobileStore

{

public partial class Pay : Form

{

public Pay()

{

int total = 0;

InitializeComponent();

SqlConnection con = new SqlConnection("Data Source=NETWORKZ-PC;Initial Catalog=MobileStore;Integrated Security=True");

con.Open();

string billid = "SELECT bill\_id,cust\_name,address,contact,items,total FROM billing WHERE bill\_id=(SELECT MAX(bill\_id) FROM billing)";

SqlCommand cmd = new SqlCommand(billid, con);

SqlDataReader dr = cmd.ExecuteReader();

while (dr.Read())

{

billNo.Text = (dr[0]).ToString();

labelname.Text = (dr[2]).ToString();

label3.Text = (dr[3]).ToString();

contact.Text = (dr[0]).ToString();

string items = dr[4].ToString();

string price = dr[5].ToString();

total = total + Convert.ToInt16(price);

var index = dataGridView1.Rows.Add();

dataGridView1.Rows[index].Cells["item"].Value = items;

dataGridView1.Rows[index].Cells["price"].Value = price.ToString();

}

this.dataGridView1.Rows.Add("TOTAL ", total);

con.Close();

}

} } }

/\*Add\_stock.cs\*/

namespace MobileStore

{

public partial class add\_stock : Form

{

SqlConnection con = new SqlConnection("Data Source=NETWORKZ-PC;Initial Catalog=MobileStore;Integrated Security=True");

public add\_stock()

{

InitializeComponent();

panel2.Hide();

}

private void add\_stock\_Load(object sender, EventArgs e)

{

// TODO: This line of code loads data into the 'mobileStoreDataSet1.stock' table. You can move, or remove it, as needed.

this.stockTableAdapter.Fill(this.mobileStoreDataSet1.stock);

panel1.Show();

}

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

{

SqlConnection con = new SqlConnection("Data Source=NETWORKZ-PC;Initial Catalog=MobileStore;Integrated Security=True");

con.Open();

string update="INSERT INTO stock(p\_code,name,qty,price) VALUES('"+pcode.Text+"','"+pname.Text+"',"+Convert.ToInt16(qty.Text)+","+Convert.ToInt16(price.Text)+")";

SqlCommand cmd = new SqlCommand(update, con);

int returnvalue=cmd.ExecuteNonQuery();

if (returnvalue!=0)

MessageBox.Show("Added Successfully");

con.Close();

}

private void radioButton2\_CheckedChanged(object sender, EventArgs e)

{

panel1.Hide();

panel2.Show();

}

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

{

panel2.Hide();

panel1.Show();

}

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

{

con.Open();

string update = "UPDATE stock SET qty=" + qtynew.Text + ",price=" + pricenew.Text + " WHERE p\_code='" + pcode\_update.Text + "'";

SqlCommand cmd = new SqlCommand(update, con);

int returnvalue = cmd.ExecuteNonQuery();

if (returnvalue != 0)

MessageBox.Show("Added Successfully");

con.Close();

}

private void pcode\_update\_SelectedIndexChanged(object sender, EventArgs e)

{

con.Open();

string update\_var = "SELECT qty,price FROM stock WHERE p\_code='" + pcode\_update.Text + "'";

SqlCommand cmd = new SqlCommand(update\_var, con);

SqlDataReader dr = cmd.ExecuteReader();

dr.Read();

int qty = Convert.ToInt16((dr[0]));

int price = Convert.ToInt16((dr[1]));

pricenew.Text=price.ToString();

qtynew.Text = qty.ToString();

con.Close();

}

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

{

button1.BackColor = Color.Orange;

}

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

{

button1.BackColor = Color.WhiteSmoke;

}

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

{

button2.BackColor = Color.WhiteSmoke;

}

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

{

button2.BackColor = Color.Orange;

}

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

{

this.Hide();

Menu m = new Menu();

m.Show();

}

}

}

/\*Menu.cs\*/

namespace MobileStore

{

public partial class Menu : Form

{

public Menu()

{

InitializeComponent();

label1.Hide();

label2.Hide();

label3.Hide();

}

private void label1\_Click(object sender, EventArgs e)

{

}

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

{

this.Hide();

billing b = new billing();

b.Show();

}

private void billing\_MouseHover(object sender, EventArgs e)

{

billingbtn.BackColor = Color.Orange;

label1.Show();

}

private void billing\_MouseLeave(object sender, EventArgs e)

{

billingbtn.BackColor = Color.WhiteSmoke;

label1.Hide();

}

private void add\_stockbtn\_MouseHover(object sender, EventArgs e)

{

add\_stockbtn.BackColor = Color.Orange;

label2.Show();

}

private void add\_stockbtn\_MouseLeave(object sender, EventArgs e)

{

add\_stockbtn.BackColor = Color.WhiteSmoke;

label2.Hide();

}

private void stock\_detailbtn\_MouseHover(object sender, EventArgs e)

{

stock\_detailbtn.BackColor = Color.Orange;

label3.Show();

}

private void stock\_detailbtn\_MouseLeave(object sender, EventArgs e)

{

stock\_detailbtn.BackColor = Color.WhiteSmoke;

label3.Hide();

}

private void add\_stockbtn\_Click(object sender, EventArgs e)

{

add\_stock f2 = new add\_stock();

this.Hide();

f2.Show();

}

private void stock\_detailbtn\_Click(object sender, EventArgs e)

{

ViewStoc f3 = new ViewStoc();

this.Hide();

f3.Show();

}

private void label5\_Click(object sender, EventArgs e)

{

this.Hide();

Form1 f0 = new Form1();

f0.Show();

}

private void label6\_Click(object sender, EventArgs e)

{

Form2 f3 = new Form2();

f3.Show();

this.Hide();

}

}

}

Conclusion

The project has been done and executed successfully. It is done with the intention of serving as an application for mobile store stock management and billing. It can be further enhanced to more formatted billing application and also multiple roles can be added for stock verification and auditing purposes.