SALES MANAGEMENT SYSTEM

A Project Presentation submitted in
Partial fulfillment of the requirements
For the award of Degree

BACHELOR OF SCIENCE
(COMPUTER SCIENCE)

UNIVERSITY OF PONDICHERRY

Submitted By

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CERTIFICATE

This is to certify that the report entitled

SALES MANAGEMENT SYSTEM

Being submitted to University of Pondicherry, YANAM

By

ILLURI NAGA SURYA BHASKAR [17CS0308]

For the partial fulfillment for the award of degree of

BACHELOR OF SCIENCES

Is a bonafide record work carried by her under the guidance and Supervision

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Submitted for the VIVA-VOICE examination on _____

INTERNAL EXAMINER **EXTERNAL EXAMINER**

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SYNOPSIS

1. ACKNOWLEDEGEMENT

We express our sincere gratitude to our respectful Principal, Dr. V. BHASKAR REDDY.

We also express our gratitude to the Head of the Department of Computer Science, Mr. KOLA SURYA PRAKASH, M.C.A, M.PHIL.

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Last but not the least, our friends timely helps needs mention because of which we were able to cross a number of hurdles.

At last but above all, we would like to give our hearty thanks to our parents for their invaluable moral and financial support.

ILLURI NAGA SURYA BHASKAR

2. ABSTRACT

The Proposed Project on "SALES MANAGEMENT" is the an Offline application designed to deal with the sales and purchasing process in different shops. Sales management is a user friendly application software which is used by the Shop items vendors to record the sales and stock of readymade, ordered, purchased by the Customer.

This project includes the features of a database that is addition, deletion and modification and searching of the record are easy. This record are developed using its designed using VC# as front end and SQL Server as backend. The main intension behind designing and developing this project is to enable has to transact in easy, and it also maintain the details about the available and outstanding stock of items.

The search facility provides a faster and easiest way of viewing the records. Upon all, this application is 'Password protected', which stands as firewall against all those intruders who tries to enter into our application. It is planned to design in such a way that a normal computer user even with account knowledge can use this software to maintain the resource flow.

These processes are done by entering the details and clicking on the respective place. Thus the project satisfies the entire needs of the jewelers in the process of maintaining these records and saves a lot of time.

INTRODUCTION

3. INTRODUCTION

Using manual process the work become slowly. As technologies are been developed and we now updating to the advanced technology want work to be done faster and to reduce the manpower in the work.

The maintenance cost will be more and it should be maintain carefully. A person who doesn't have knowledge of it could not be able to handle the system. Thus taking this into consideration. In the Sales Shop Management project, the project can give any kind of information through reports and queries if required.

This project contains seven main modules are

- COMPANY DETAILS
- MANAGER DETAILS
- SALES DETAILS
- BILL GENERATE DETAILS
- MEMBERSHIP CARD DETAILS
- ITEM'S STOCK DETAILS
- REPORT DETAILS

COMPANY DETAILS:

This module contains all the item's rates and details like edit items, delete item and searching particular item using this module and stored in database. You can categorize your Shop Item's into various categories such as Mobile phones, Bikes, Pets, etc. which would help you organize and search items easily.

MANAGER DETAILS:

This module is supposed to update the orders of Items in the database and to record details of buyer.

SALES DETAILS:

This module stores all the purchase records with purchase quantity and price. Sales record by entering Order number, customer details, item detail, etc.

BILL GENERATE DETAILS:

This module stores all the order the system generate bill after sale.

MEMBERSHIP CARD DETAILS:

This module who buy the item in daily manager given the membership card in this company providing some discount.

ITEM'S STOCK DETAILS:

This module shown in items stock available or not. Incase items stock not available manager can added the new items stock with company producing the items.

REPORT DETAILS:

This module who stored database data like Item details, Customer details and purchasing details are using this module as showing the Order and Sales reports.

SYSTEM ENVIRONMENT

4. SYSTEM ENVIRONMENT

HARDWARE CONFIGURATION:

PROCESSOR	: I-3 PROCESSOR
RAM	: 4 GB
HARD DISK	: 500 G.B.
MONITOR	: L.E.D Color Monitor
KEYBOARD	: Standard 101/102 Key (or) Microsoft Natural PS/2 Key
MOUSE	: Scrolling Mouse

SOFTWARE CONFIGURATION:

OPERATING SYSTEM	: Windows 7 Professional sp3
FRONT END	: VC#
BACK END	: SQL SERVER

ABOUT SOFTWARE

5.ABOUT SOFTWARE

INTRODUCTION TO VC#

Microsoft Visual Studio is an Integrated Development Environment (IDE) from Microsoft. It can be used to develop console and graphical user-interface applications along with Windows Forms applications, web sites, web applications, and web services in both native code together with managed code for all platforms supported by Microsoft Windows, Windows Mobile, Windows CE, .NET Framework, .NET Compact Framework and Microsoft Silverlight.

Visual Studio functions as the code editing area, form designer, code validator, compiler and library browser for a software development project. It supports languages by means of language services, which allow any programming language to be supported (to varying degrees) by the code editor and debugger, provided a language-specific service has been authored.

CONTROLS:

There are several controls in VC# and some of them mentioned below:

- LABEL:

This control displays text on a form that the users can't edit. Labels commonly identify other controls and can be transparent, so the text appears to be placed directly on the form. One can set the label's text with the caption property.

- TEXT BOX:

The text box control displays the text that is to be edited by user. It is a mini text editor; and its important property is the text on the control or read the text that the user enters. It can be single line or multi line. Further it can have scroll bars, be read only, and have many other attributes. There is another type of advanced text box known as rich text box, which can support a variety of formats such as coloring, underline and hold the text.

- COMMAND BUTTON:

This is the next common element of the windows interface. A command Button represents an action that is carried out when the user clicks the button.

- COMBO BOX:

This control is similar to the list box control, but it contains a text edit field. The user can either choose an item from the list or enter a new string in the edit field. The item selected form the list (or entered in the edit field) is given by the controls and requires fewer resources.

- OPTION BUTTON:

The option buttons or radio buttons appear in groups, and the user can choose only one of them. The option buttons main property is checked and it is true if the control is checked otherwise false. The option button is a toggle on every click it changes its status.

- FORM:

A form is one of the main building blocks in the visual basic applications. It is basically a window that we can add different elements in order to create complete applications. Most of the applications will only have one interface, which is the single form. In some situations we may need to use multiple forms called documents. In the design mode, the form is filled with grid dots. The dots disappear at runtime.

INTRODUCTION TO SQL SERVER:

A Database Management system requires a query language to enable users to access data. SQL is one of them which stand for Structured Query Language. It is the language used commonly by most relational database system to control relational Databases.

SQL is a non- procedural query language. It contains other capabilities besides querying a Database. It includes the features for defining the structure of data and for modifying data in a Database. SQL uses a combination of relational algebra and relational calculus. SQL has established itself as the standard Database language. SQL is used to access data within Oracle Database.

OBJECTS:

Objects are logical units within the Database that are used to store information, and are referred to as the Backend Database. Database objects are the underlying backbone of Relational Database. A Database object is any defined in a Database that is used to store or reference data. Some examples of Database objects include Tables, Views, and Clusters, Sequence, Indexes and synonyms.

TABLE:

A Table is a unit of storage, which holds data in the form of rows and columns. A row is a record of data in a Database Table. Column is a field. Thus, a collection of all Tables with their inter-relationships could be termed as a Database. Table is also defined as the logical storage unit for data in a relational Database.

PROJECT DESCRIPTION

6.PROJECTDESCRIPTION

In this project the details about the customer, order and bill are stored in separate tables. Customer's details are stored in a different tables by day to day process at the time of purchase. The standard rate of purchasing items such as phone, bike, etc., are stored in a separate table. Reports generation and billing can be done easily. As the market rates are volatile these rates can be changed as and when required.

The mainly used modules are

- COMPANY DETAILS
- MANAGER DETAILS
- SALES DETAILS
- BILL GENERATE DETAILS
- MEMBERSHIP CARD DETAILS
- ITEM'S STOCK DETAILS
- REPORT DETAILS

COMPANY DETAILS:

This module contains below forms

- ELECTRONIC SHOP
- BIKE SHOWROOM SHOP
- PETS SHOP

- ELECTRONIC SHOP:

  In this form contains all the electronic gadgets rate intimates and it updates the items, stock details and details to the database. In this company can fixed item's rate using this form.

- BIKE SHOWROOM SHOP:

  This form contains all the electronic gadgets rate intimates and it updates the items, stock details and details to the database. In this company can fixed item's rate using this form.

- PETS SHOP:

  In pets shop form contains all the electronic gadgets rate intimates and it updates the items, stock details and details to the database. In this company can fixed item's rate using this form.

MANAGER DETAILS:

In this module company user can add manager whole details and help to send notification to who selected in this job.

SALES DETAILS:

In this form stores all the purchase records with purchase quantity and price. User should enter purchased item, customer details, purchase date. The system calculates grand total automatically.

BILL GENERATE DETAILS:

This form stores sales record by entering Purchase date, Customer details, Item details. The system generates bill after the sale.

MEMBERSHIP CARD DETAILS:

In this module the new users can register their details to become a user of the daily customers. The details of the users will be entered into database table user-details.

ITEM'S STOCK DETAILS:

The item's stock form contains the entire item's stock available or not shows that using in this form to the database. The manager of shop can add item's stock using this form.

REPORT DETAILS:

This module who stored database data like Item details, Customer details and purchasing details are using this module as showing the Order and Sales reports.

SYSTEM DESIGN

7.SYSTEM DESIGN

➢ SYSTEM DEFINITION:

After a detailed system study by conducting interviews, referring manuals, reports and observations it is found that the existing system has some minor drawbacks. They are:

- No proper system maintenance.
- Minor modifications are needed in the documents.
- No proper formats of reports.

In order to overcome these drawbacks in the existing system, a new system is proposed with few modifications.

➢ EXISTING SYSTEM:

The existing system needs some minor modifications. The existing system process is done by manually. In this system the people have to maintain all the records about donors, blood bags and to modify the record of blood bag continuously. In this case the human may make errors so the details of donors and blood bags are not clear in blood bank. It is tough to maintain all the records in blood bank manually and the reports are not clear in this process of management and the users have to go for blood bank to find the required blood for patient it is time taking process to go to blood banks for blood.

- **PROPOSED SYSTEM:**

The Proposed System is similar to the existing system with few modifications. This system rectifies some defects found in the present system, but the process done in both the cases are similar in nature.

In this proposed system it is easy to maintain the records of blood bags and donor information and the reports. By this proposed system the users can find the blood bag is available in particular blood bank or not from anywhere by login in to the blood bank account. The proposed system is used to find a blood present or not and if not found the required blood from blood bank then the users may search for donor by selecting the blood group and view the details of blood donors in the blood bank. It is easy to access the information about the donors by using the proposed system.

DATABASE DESIGN

8. DATABASE DESIGN:

TABLE: LOGIN DETAILS

FIELD NAME	DESCRIPTION	DATA TYPE
USERNAME	USER NAME	INT
PASSWORD	PASSWORD	VARCHAR(50)

TABLE: ELECTRONIC SHOP DETAILS:

FIELD NAME	DESCRIPTION	DATA TYPE
ELECTRONICID	ELECTRONIC ID	INT
ELECTRONICITEM	ELECTRONIC ITEM	VARCHAR(50)
ITEMBRAND	ITEM BRAND	VARCHAR(50)
PRICE	PRICE	INT
DESCRIPTION	DESCRIPTION	VARCHAR(50)
STOCK	STOCK	INT

TABLE: BIKE SHOWROOM SHOP DETAILS

FIELD NAME	DESCRIPTION	DATA TYPE
VEHICLEID	VEHICLE ID	INT
VEHICLEIDMODEL	VEHICLEID MODEL	VARCHAR(50)
VEHICLEIDCOMPANY	VEHICLE ID COMPANY	VARCHAR(50)
BIKENAME	BIKE NAME	NVARCHAR(50)
VEHICLECOLOR	VEHICLE COLOR	VARCHAR(50)
MILAGE	MILAGE	INT
BREAKINGSYSTEM	BREAKING SYSTEM	VARCHAR(50)
ENGINECC	ENGINECC	NVARCHAR(50)
PRICE	PRICE	INT
STOCK	STOCK	INT

TABLE: PETS SHOP DETAILS

FIELD NAME	DESCRIPTION	DATA TYPE
PETID	PET ID	INT
PETNAME	PET NAME	VARCHAR(50)
PETCOLOR	PET COLOR	VARCHAR(50)
PRICE	PRICE	INT
DESCRIPTION	DESCRIPTION	NVARCHAR(50)
STOCK	STOCK	INT

TABLE: MANAGER DETAILS

FIELD NAME	DESCRIPTION	DATA TYPE
MANAGERID	MANAGER ID	INT
MANAGERNAME	MANAGER NAME	VARCHAR(50)
PHONENUMBER	PHONE NUMBER	NVARCHAR(50)
ADDRESS	ADDRESS	NVARCHAR(50)
QUALIFICATION	QUALIFICATION	VARCHAR(50)
GENDER	GENDER	VARCHAR(50)
MANAGERPASSWORD	MANAGER PASSWORD	NVARCHAR(50)

TABLE: MEMBERSHIP CARD DETAILS

FIELD NAME	DESCRIPTION	DATA TYPE
MEMBERSHIPCARDID	MEMBERSHIPCARD ID	INT
HOLDERNAME	HOLDER NAME	VARCHAR(50)
CREDITPOINTS	CREDITPOINTS	INT
ITEMPRICE	ITEM PRICE	INT

TABLE: SALES DETAILS

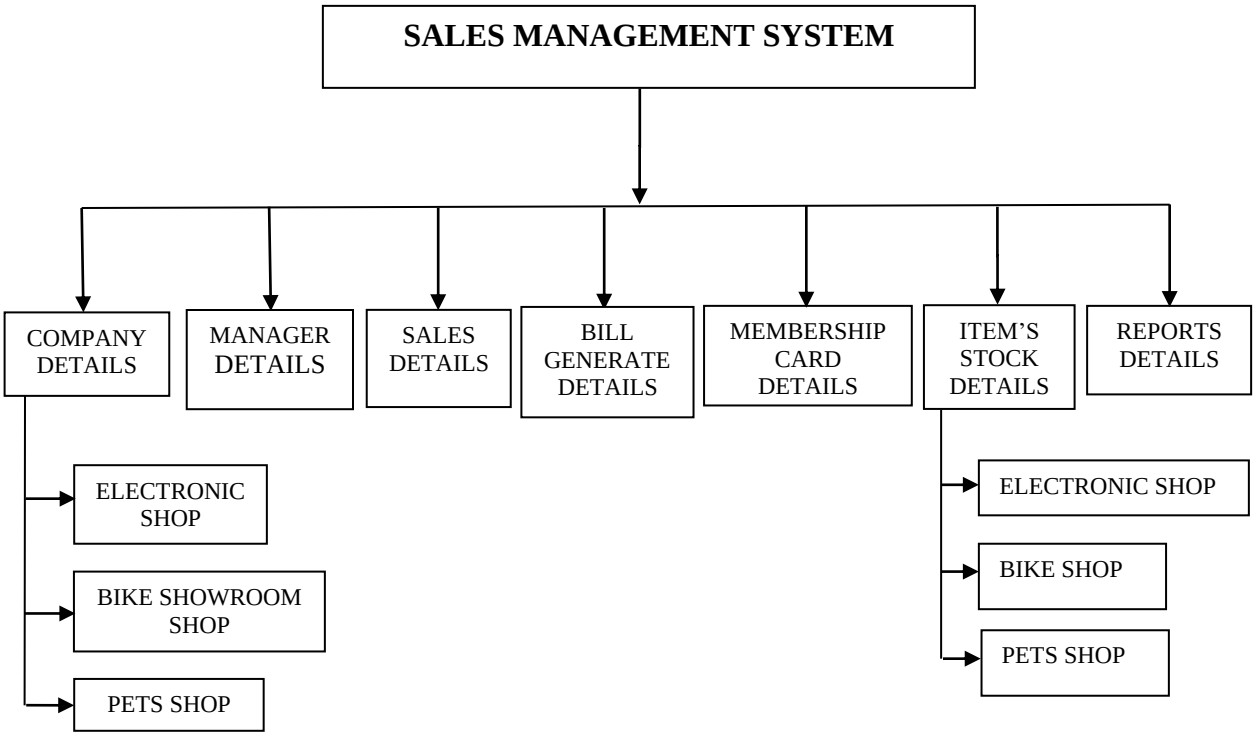
FIELD NAME	DESCRIPTION	DATA TYPE
ORDERID	ORDER ID	INT
SHOPNAME	SHOP NAME	VARCHAR(50)
ITEMID	ITEMID	INT
ITEMNAME	ITEMNAME	VARCHAR(50)
BRAND	BRAND	VARCHAR(50)
PRICE	PRICE	INT
DESCRIPTION	DESCRIPTION	NVARCHAR(50)
QUANTITY	QUANTITY	INT
MANAGERNAME	MANAGER NAME	VARCHAR(50)
CUSTOMERNAME	CUSTOMER NAME	VARCHAR(50)
CUSTOMERCONTACTNUMBER	CUSTOMER CONTACT NUMBER	NVARCHAR(50)
ADDRESS	ADDRESS	NVARCHAR(50)

TABLE: BILL GENERATE DETAILS

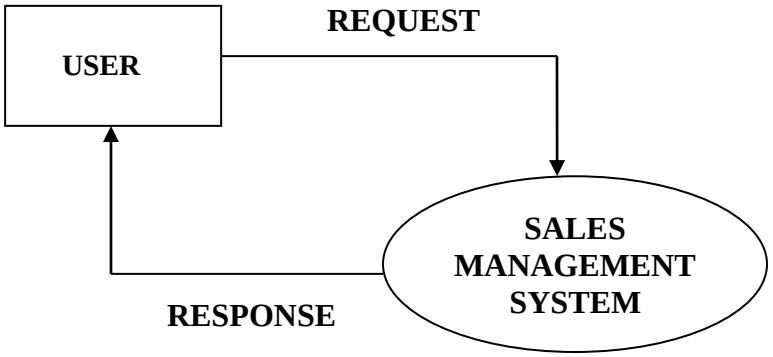
FIELD NAME	DESCRIPTION	DATA TYPE
BILLNO	BILL NO	INT
DATE	DATE	DATE
ORDERID	ORDER ID	INT
SHOPNAME	SHOP NAME	VARCHAR(50)
ITEMNAME	ITEMNAME	VARCHAR(50)
BRAND	BRAND	VARCHAR(50)
PRICE	PRICE	INT
QUANTITY	QUANTITY	INT
MANAGERNAME	MANAGER NAME	VARCHAR(50)
CUSTOMERNAME	CUSTOMER NAME	VARCHAR(50)
CUSTOMERCONTACTNUMBER	CUSTOMER CONTACT NUMBER	NVARCHAR(50)
ADDRESS	ADDRESS	NVARCHAR(50)
MEMBERSHIPCARD	MEMBERSHIPCARD	VARCHAR(50)
MEMBERSHIPCARDID	MEMBERSHIPCARDID	INT
HOLDERNAME	HOLDERNAME	VARCHAR(50)
CREDITPOINTS	CREDITPOINTS	INT
ITEMPRICE	ITEMPRICE	INT
DISCOUNT	DISCOUNT	INT
TOTALPRICE	TOTALPRICE	INT
TOTALAMOUNT	TOTALAMOUNT	INT

DESIGN LAYOUT

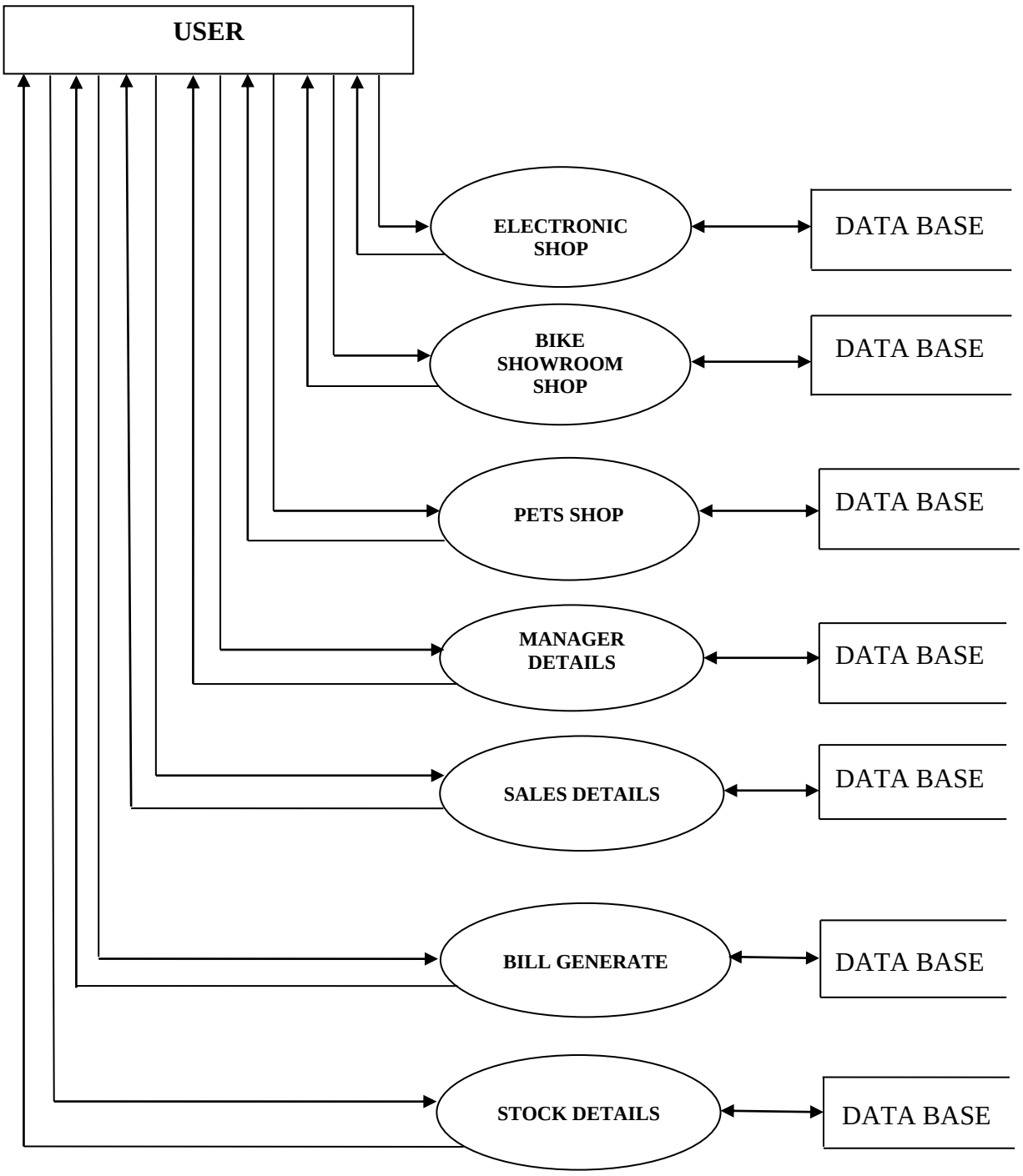
9.ARCHITECTURE DESIGN

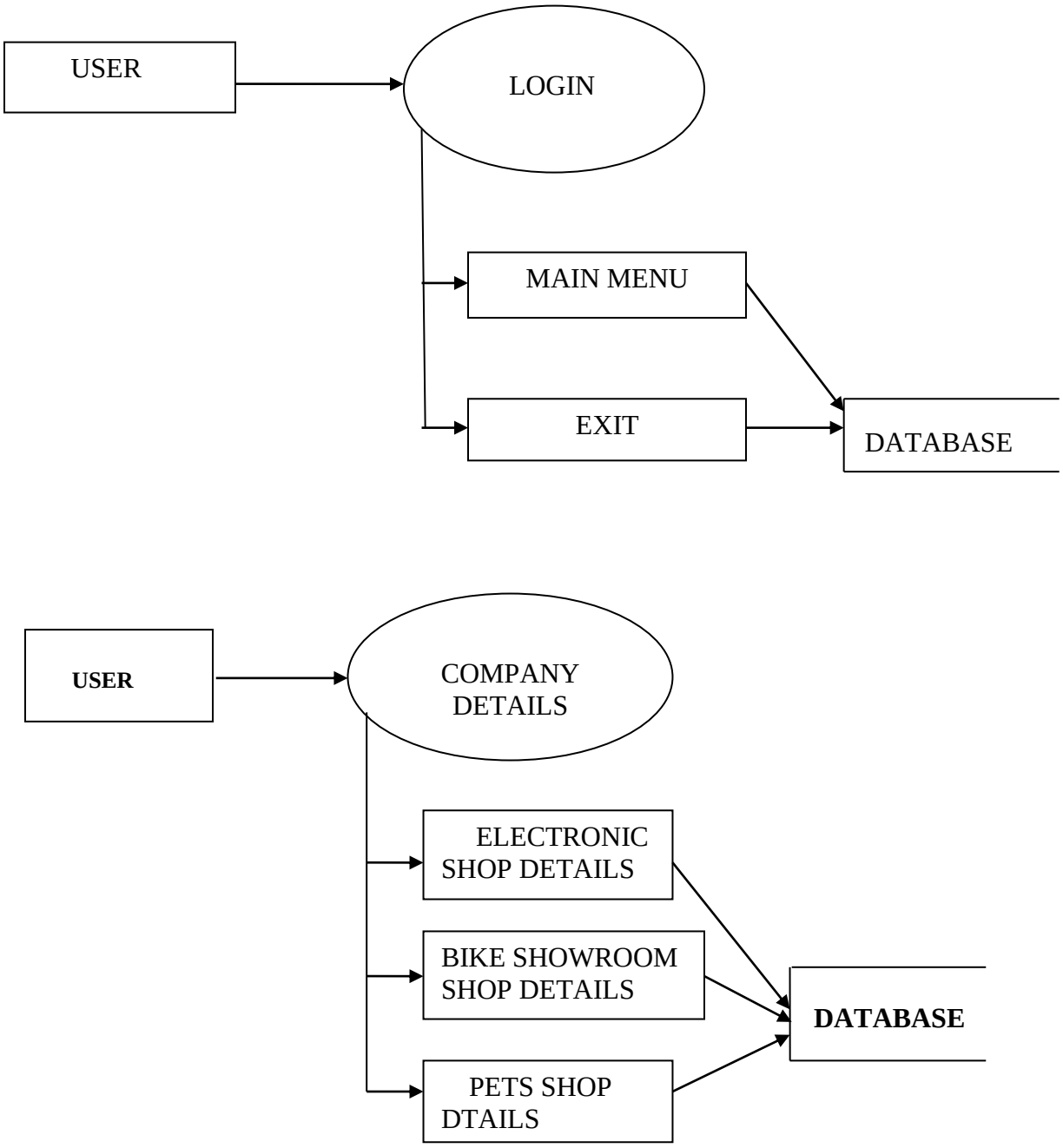


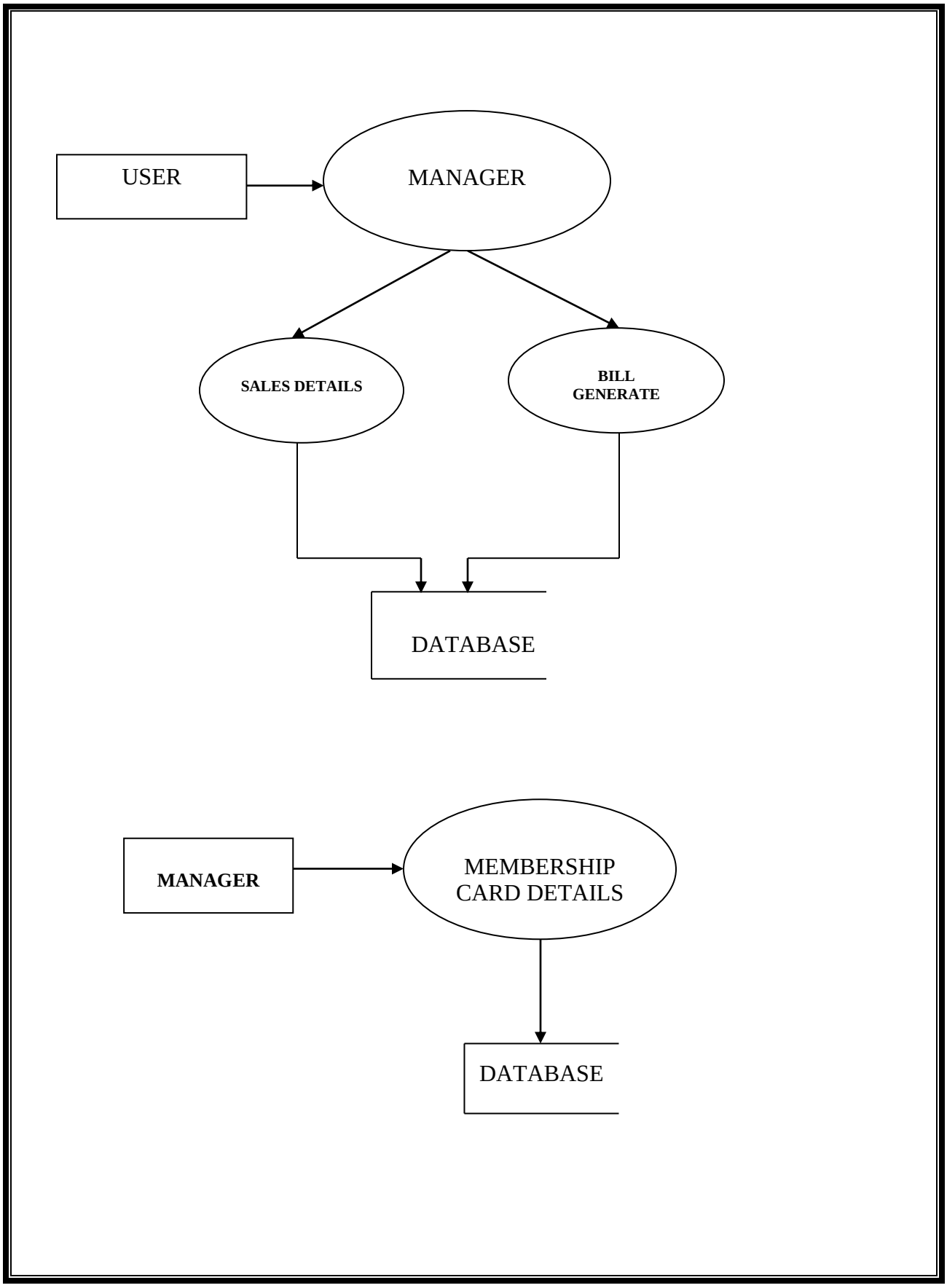
CONTEXT DIAGRAM



DATAFLOW DIAGRAM




USER
LOGIN
MAIN MENU
EXIT
DATABASE
USER
COMPANY DETAILS
ELECTRONIC SHOP DETAILS
BIKE SHOWROOM SHOP DETAILS
PETS SHOP DTAILS
DATABASE


USER
MANAGER
SALES DETAILS
BILL GENERATE
DATABASE
MANAGER
MEMBERSHIP CARD DETAILS
DATABASE

SOURCE CODE

10.SOURCE CODING

In this coding phase, the design of a system is translated through source code that can be compiled and executed and is finally converted into machine coding. Although the coding phase does not affect the structure of the system, it has great impact on the internal structure of the modules, which in turn affect the testability and understandability of the system.

The goal of the coding phase is to produce simple and clear programs. Here the aim is not to reduce the coding effort, but to problem in a manner so the testing and maintenance costs are reduced. Programs should be constructed so that they are easy to read, write and understand.

In view of these facts we coded the programs using C# and the coding is given below.

CODING FOR LOGIN FORM:

```
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.Data.SqlClient;

namespace SalesManagementSystem
{
    public partial class Login : Form
    {
        public Login()
        {
            InitializeComponent();
        }
        private void button1_Click(object sender, EventArgs e)
        {
            if(textBox1.Text=="" && textBox2.Text=="")
            {
                MessageBox.Show("Please Enter the UserName & Password");
            }
            else
            {
                if (textBox2.Text.Length == 8)
                {
                    SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
```

```
            MessageBox.Show("SQL Connected");
                    con.Open();
                    SqlDataAdapter sda = new SqlDataAdapter("select count(*)
from Login where UserName='" + textBox1.Text + "' and Password='" +
textBox2.Text + "'", con);
                    DataTable dt = new DataTable();
                    sda.Fill(dt);
                    if (dt.Rows[0][0].ToString() == "1")
                    {
                        this.Hide();
                        MessageBox.Show("Successfully Login");
                        Main m1 = new Main();
                        m1.Show();
                    }
                    else
                    {
                        MessageBox.Show("Please Enter Correct Password");
                    }
                    con.Close();
                }
                else
                {
                    MessageBox.Show("Please Enter the Password only 8 Digits
of Numbers");
                }
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            this.Close();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsLetter(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }
    }
}
```

CODING FOR MAIN FORM:

```
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;

namespace SalesManagementSystem
{
    public partial class Main : Form
    {
        public Main()
        {
            InitializeComponent();
        }
        private void eLECTRONICSHOPToolStripMenuItem_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Electronic_shop e1 = new Electronic_shop();
            e1.Show();
        }

        private void bIKESHOWROOMSHOPToolStripMenuItem_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Bike_Showroom_Shop b1 = new Bike_Showroom_Shop();
            b1.Show();
        }

        private void fURNITURESHOPToolStripMenuItem_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Pets_Shop p1 = new Pets_Shop();
            p1.Show();
        }

        private void mANAGERDETAILSToolStripMenuItem_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Manager_Details m1 = new Manager_Details();
            m1.Show();
        }

        private void sALESDETAILSToolStripMenuItem_Click(object sender,
EventArgs e)
```

```
        {
            this.Hide();
            Manager_Login ml = new Manager_Login();
            ml.Show();
        }

        private void bILLGENERATEDETAILSToolStripMenuItem_Click(object
sender, EventArgs e)
        {
            this.Hide();
            Bill_Generate bg = new Bill_Generate();
            bg.Show();
        }

        private void iTEMSORDERREPORTToolStripMenuItem_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Membership_Login ml = new Membership_Login();
            ml.Show();
        }

        private void eLECTRONICSHOPToolStripMenuItem1_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Electronic_Shop_Stock_Details es = new
Electronic_Shop_Stock_Details();
            es.Show();
        }

        private void bIKESHOPToolStripMenuItem_Click(object sender, EventArgs
e)
        {
            this.Hide();
            Bike_Shop_Stock_Details bs = new Bike_Shop_Stock_Details();
            bs.Show();
        }

        private void pETSSHOPToolStripMenuItem_Click(object sender, EventArgs
e)
        {
            this.Hide();
            Pets_Shop_Stock_Details ps = new Pets_Shop_Stock_Details();
            ps.Show();
        }

        private void iTEMSORDERREPORTToolStripMenuItem1_Click(object sender,
EventArgs e)
        {
            this.Hide();
            Item_Order_Details_Report lr = new Item_Order_Details_Report();
            lr.Show();
        }

        private void bILLREPORTToolStripMenuItem1_Click(object sender,
EventArgs e)
```

```
        {
            this.Hide();
            Bill_Report br = new Bill_Report();
            br.Show();
        }

        private void mEMBERSHIPCARDREPORTToolStripMenuItem_Click(object
sender, EventArgs e)
        {
            this.Hide();
            MembershipCard_Report mr = new MembershipCard_Report();
            mr.Show();
        }

        private void eXITToolStripMenuItem1_Click(object sender, EventArgs e)
        {
            this.Hide();
            Login l1 = new Login();
            l1.Show();
        }
    }
}
```

CODING FOR ELECTRONIC SHOP FORM:

```
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.Data.SqlClient;
using Microsoft.VisualBasic;

namespace SalesManagementSystem
{
    public partial class Electronic_shop : Form
    {
        public Electronic_shop()
        {
            InitializeComponent();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && comboBox1.Text == "" && comboBox2.Text
== "" && textBox2.Text == "" && textBox3.Text == "" && textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
```

```
            SqlCommand cmd = new SqlCommand("select * from Electronic where
ElectronicId='" + textBox1.Text + "'",con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataSet ds = new DataSet();
                da.Fill(ds);
                int i = ds.Tables[0].Rows.Count;
                if (i > 0)
                {
                    MessageBox.Show("ElectronicID" + textBox1.Text + "Alredy
Exists");
                    ds.Clear();
                }
                else
                {
                    con.Open();
                    SqlDataAdapter sda = new SqlDataAdapter("insert into
Electronic(ElectronicId,ElectronicItem,ItemBrand,Price,Description,Stock)
values('" + textBox1.Text + "' , '" + comboBox1.Text + "' , '" +
comboBox2.Text + "' , '" + textBox2.Text + "' , '" + textBox3.Text + "' , '"
+ textBox4.Text + "')", con);
                    sda.SelectCommand.ExecuteNonQuery();
                    con.Close();
                    MessageBox.Show("INSERTED SUCCESSFULLY!!!!!!!!!!!!!");
                }
            }

        }

        private void button2_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && comboBox1.Text == "" && comboBox2.Text
== "" && textBox2.Text == "" && textBox3.Text == "" && textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Electronic
set ElectronicItem='" + comboBox1.Text + "' , ItemBrand='" + comboBox2.Text +
"' , Price='" + textBox2.Text + "' , Description='" + textBox3.Text + "' ,
Stock='" + textBox4.Text + "' where ElectronicId='" + textBox1.Text + "'",
con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY UPDATED!!!!!!!!!!!!!!!");
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Electronic-ID");
            }
            else
```

```
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from
Electronic where ElectronicId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from
Electronic",con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            string st;
            st = Interaction.InputBox("Enter Electronic-ID.", "Electronic-
ID", "", -1, -1);
            try
            {
                int i = int.Parse(st);
                if (i < 100)
                {
                    con.Open();
                    SqlCommand cmd = new SqlCommand("select * from Electronic
where ElectronicId=" + i, con);
                    SqlDataReader sdr = cmd.ExecuteReader();
                    if (sdr.Read())
                    {
                        comboBox1.Text = (sdr["ElectronicItem"].ToString());
                        comboBox2.Text = (sdr["ItemBrand"].ToString());
                        textBox2.Text = (sdr["Price"].ToString());
                        textBox3.Text = (sdr["Description"].ToString());
                        textBox4.Text = (sdr["Stock"].ToString());
                    }
                    else
                    {
                        textBox1.Text = "";
                        comboBox1.Text = "";
                        comboBox2.Text = "";
                        textBox2.Text = "";
                        textBox3.Text = "";
                        textBox4.Text = "";
                        MessageBox.Show("Please Enter Correct Electronic-
ID");
                    }
                    con.Close();
                }
            }
```

```
            catch (FormatException ex)
            {
                MessageBox.Show("String format is invalid...");
                MessageBox.Show(ex.Message);
            }
        }

        private void button6_Click(object sender, EventArgs e)
        {
            textBox1.Text = comboBox1.Text = comboBox2.Text = textBox2.Text =
textBox3.Text = textBox4.Text = "";
            comboBox2.Text = (" ");
            comboBox1.Text = (" ");
        }

        private void button7_Click(object sender, EventArgs e)
        {
            this.Close();
            Main m1 = new Main();
            m1.Show();
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            comboBox1.Text =
dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
            comboBox2.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
            textBox4.Text =
dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if(!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }

        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
```

```
        }

        private void textBox4_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }

        }

        private void comboBox1_SelectedIndexChanged(object sender, EventArgs
e)
        {
            if (comboBox1.Text == "TV")
            {
                comboBox2.Items.Clear();

                comboBox2.Items.Add("SONY");
                comboBox2.Items.Add("Videocon");
                comboBox2.Items.Add("LG");
                comboBox2.Items.Add("Samsung");
                comboBox2.Items.Add("Panasonic");
                comboBox2.Items.Add("Philips");
                comboBox2.Items.Add("Hitachi");
                comboBox2.Items.Add("Toshiba");
                comboBox2.Items.Add("Haier");
                comboBox2.Items.Add("TCL");
            }
            else
            {
                comboBox2.Items.Clear();

                if (comboBox1.Text == "PHONE")
                {
                    comboBox2.Items.Add("Samsung");
                    comboBox2.Items.Add("IPHONE");
                    comboBox2.Items.Add("MI");
                    comboBox2.Items.Add("Vivo");
                    comboBox2.Items.Add("Oppo");
                    comboBox2.Items.Add("Lava");
                    comboBox2.Items.Add("NOKIA");
                    comboBox2.Items.Add("LG");
                    comboBox2.Items.Add("Realme");
                    comboBox2.Items.Add("SONY");
                }
                else
                {
                    comboBox2.Items.Clear();

                    if(comboBox1.Text == "LAPTOP")
                    {
                        comboBox2.Items.Add("HP");
                        comboBox2.Items.Add("ASUS");
                        comboBox2.Items.Add("LENOVO");
```

```
            comboBox2.Items.Add("DELL");
            comboBox2.Items.Add("ACER");
            comboBox2.Items.Add("TOSHIBA");
            comboBox2.Items.Add("APPLE");
            comboBox2.Items.Add("SAMSUNG");
            comboBox2.Items.Add("HUAWEI");
            comboBox2.Items.Add("LG");
        }
        else
        {
            comboBox2.Items.Clear();

            if(comboBox1.Text == "A/C")
            {
                comboBox2.Items.Add("VOLTAS");
                comboBox2.Items.Add("HITACHI");
                comboBox2.Items.Add("DAIKIN");
                comboBox2.Items.Add("HAIER");
                comboBox2.Items.Add("LG");
                comboBox2.Items.Add("MITSUBISHI");
                comboBox2.Items.Add("BLUE STAR");
                comboBox2.Items.Add("O GENERAL");
                comboBox2.Items.Add("Whirlpool");
                comboBox2.Items.Add("VIDEOCON");
            }
            else
            {
                comboBox2.Items.Clear();

                if (comboBox1.Text == "WASHING MACHINE")
                {
                    comboBox2.Items.Add("LG");
                    comboBox2.Items.Add("SAMSUNG");
                    comboBox2.Items.Add("Whirlpool");
                    comboBox2.Items.Add("IFB");
                    comboBox2.Items.Add("ONIDA");
                    comboBox2.Items.Add("HAIER");
                    comboBox2.Items.Add("Godrej");
                    comboBox2.Items.Add("BOSCH");
                    comboBox2.Items.Add("VIDEOCON");
                    comboBox2.Items.Add("PANASONIC");
                }
                else
                {
                    comboBox2.Items.Clear();

                    if (comboBox1.Text == "FRIDGE")
                    {
                        comboBox2.Items.Add("BOSCH");
                        comboBox2.Items.Add("Godrej");
                        comboBox2.Items.Add("LG");
                        comboBox2.Items.Add("HAIER");
                        comboBox2.Items.Add("VOLTAS");
                        comboBox2.Items.Add("Whirlpool");
                        comboBox2.Items.Add("PANASONIC");
                    }
```

```
                                    else
                                    {
                                        comboBox2.Items.Clear();
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
```

CODING FOR BIKE SHOWROOM SHOP FORM:

```
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.Data.SqlClient;
using Microsoft.VisualBasic;

namespace SalesManagementSystem
{
    public partial class Bike_Showroom_Shop : Form
    {
        public Bike_Showroom_Shop()
        {
            InitializeComponent();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");

        private void button1_Click(object sender, EventArgs e)
        {
            //SqlDataAdapter sda = new SqlDataAdapter("select
isnull(max(cast(VehicleId as int)),0)+1from Bike",con);
            //DataTable dt = new DataTable();
            //sda.Fill(dt);
            //textBox1.Text = dt.Rows[0][0].ToString();
            //this.ActiveControl = textBox2;
            if (textBox1.Text == "" && comboBox1.Text == "" && comboBox2.Text
== "" && comboBox3.Text == "" && comboBox4.Text == "" && comboBox5.Text == ""
&& comboBox6.Text == "" && textBox2.Text == "" && textBox3.Text == "" &&
textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
```

```
                SqlCommand cmd = new SqlCommand("select * from Bike where
VehicleId='" + textBox1.Text + "'", con);
                SqlDataAdapter sdaa = new SqlDataAdapter(cmd);
                DataSet ds = new DataSet();
                sdaa.Fill(ds);
                int i = ds.Tables[0].Rows.Count;
                if (i > 0)
                {
                    MessageBox.Show("VehicleID" + textBox1.Text + "Alredy
Exists");
                    ds.Clear();
                }
                else
                {
                    con.Open();
                    SqlDataAdapter sdaaa = new SqlDataAdapter("insert into
Bike(VehicleId,VehicleModel,VehicleCompany,VehicleColor,Milage,BreakingSystem
,EngineCC,Price,Stock,BikeName) values('" + textBox1.Text + "' , '" +
comboBox1.Text + "' , '" + comboBox2.Text + "' , '" + comboBox3.Text + "' ,
'" + comboBox4.Text + "' , '" + comboBox5.Text + "' , '" + comboBox6.Text +
"' , '" + textBox2.Text + "' , '" + textBox3.Text + "' , '" + textBox4.Text +
"')", con);
                    sdaaa.SelectCommand.ExecuteNonQuery();
                    con.Close();
                    MessageBox.Show("INSERTED SUCCESSFULLY!!!!!!!!!!!!!");
                }
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && comboBox1.Text == "" && comboBox2.Text
== "" && comboBox3.Text == "" && comboBox4.Text == "" && comboBox5.Text == ""
&& comboBox6.Text == "" && textBox2.Text == "" && textBox3.Text == "" &&
textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Bike set
VehicleModel='" + comboBox1.Text + "' , VehicleCompany='" + comboBox2.Text +
"' , BikeName='" + textBox4.Text + "' , VehicleColor='" + comboBox3.Text + "'
, Milage='" + comboBox4.Text + "' , BreakingSystem='" + comboBox5.Text + "' ,
EngineCC='" + comboBox6.Text + "' , Price='" + textBox2.Text + "' , Stock='"
+ textBox3.Text + "' where VehicleId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY UPDATED!!!!!!!!!!!!!!!");
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
```

```
            {
                MessageBox.Show("Please Enter the Vehicle-ID");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from Bike
where VehicleId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from Bike",
con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            string st;
            st = Interaction.InputBox("Enter Vehicle-ID.", "Vehicle-ID", "",
-1, -1);
            try
            {
                int i = int.Parse(st);
                if (i < 100)
                {
                    con.Open();
                    SqlCommand cmd = new SqlCommand("select * from Bike where
VehicleId=" + i, con);
                    SqlDataReader sdr = cmd.ExecuteReader();
                    if (sdr.Read())
                    {
                        comboBox1.Text = (sdr["VehicleModel"].ToString());
                        comboBox2.Text = (sdr["VehicleCompany"].ToString());
                        textBox4.Text = (sdr["BikeName"].ToString());
                        comboBox3.Text = (sdr["VehicleColor"].ToString());
                        comboBox4.Text = (sdr["Milage"].ToString());
                        comboBox5.Text = (sdr["BreakingSystem"].ToString());
                        comboBox6.Text = (sdr["EngineCC"].ToString());
                        textBox2.Text = (sdr["Price"].ToString());
                        textBox3.Text = (sdr["Stock"].ToString());
                    }
                    else
                    {
                        textBox1.Text = "";
                        comboBox1.Text = "";
                        comboBox2.Text = "";
                        comboBox3.Text = "";
```

```
                        comboBox4.Text = "";
                        comboBox5.Text = "";
                        comboBox6.Text = "";
                        textBox2.Text = "";
                        textBox3.Text = "";
                        textBox4.Text = "";
                        MessageBox.Show("Please Enter Correct Bike-ID");
                    }
                    con.Close();
                }
            }
            catch (FormatException ex)
            {
                MessageBox.Show("String format is invalid...");
                MessageBox.Show(ex.Message);
            }
        }
        private void button6_Click(object sender, EventArgs e)
        {
            textBox1.Text = comboBox1.Text = comboBox2.Text = comboBox3.Text
= comboBox4.Text = comboBox5.Text = comboBox6.Text = textBox2.Text =
textBox3.Text = textBox4.Text = "";
        }

        private void button7_Click(object sender, EventArgs e)
        {
            this.Close();
            Main m1 = new Main();
            m1.Show();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox3_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
```

```
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            comboBox1.Text =
dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
            comboBox2.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox4.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
            comboBox3.Text =
dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
            comboBox4.Text =
dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
            comboBox5.Text =
dataGridView1.SelectedRows[0].Cells[6].Value.ToString();
            comboBox6.Text =
dataGridView1.SelectedRows[0].Cells[7].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[8].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[9].Value.ToString();
        }

        private void comboBox1_SelectedIndexChanged(object sender, EventArgs
e)
        {
            if(comboBox1.Text == "SCOOTY")
            {
                comboBox2.Items.Clear();
                comboBox5.Items.Clear();
                comboBox6.Items.Clear();

                comboBox2.Items.Add("HERO");
                comboBox2.Items.Add("HONDA");
                comboBox2.Items.Add("VESPA");
                comboBox2.Items.Add("YAMAHA");
                comboBox2.Items.Add("APRILIA");
                comboBox2.Items.Add("TVS");
                comboBox2.Items.Add("BAJAJ");

                comboBox5.Items.Add("Drum Brakes");
                comboBox5.Items.Add("Single Disc");

                comboBox6.Items.Add("100 CC");
                comboBox6.Items.Add("110 CC");
                comboBox6.Items.Add("120 CC");
                comboBox6.Items.Add("125 CC");
            }
            else
            {
                comboBox2.Items.Clear();
                comboBox5.Items.Clear();
                comboBox6.Items.Clear();
```

```
                if (comboBox1.Text == "BIKE")
                {
                    comboBox2.Items.Add("ROYAL ENFIELD");
                    comboBox2.Items.Add("KTM");
                    comboBox2.Items.Add("BMW");
                    comboBox2.Items.Add("TVS");
                    comboBox2.Items.Add("YAMAHA");
                    comboBox2.Items.Add("BAJAJ");
                    comboBox2.Items.Add("HONDA");
                    comboBox2.Items.Add("HERO");

                    comboBox5.Items.Add("Drum Brakes");
                    comboBox5.Items.Add("Single Disc");
                    comboBox5.Items.Add("Dual Disc");
                    comboBox5.Items.Add("ABS Single Disc");
                    comboBox5.Items.Add("ABS Dual Disc");

                    comboBox6.Items.Add("125 CC");
                    comboBox6.Items.Add("150 CC");
                    comboBox6.Items.Add("160 CC");
                    comboBox6.Items.Add("180 CC");
                    comboBox6.Items.Add("200 CC");
                    comboBox6.Items.Add("220 CC");
                    comboBox6.Items.Add("350 CC");
                    comboBox6.Items.Add("390 CC");
                }
            }
        }
    }
}
```

CODING FOR PETS SHOP FORM:

```
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.Data.SqlClient;
using Microsoft.VisualBasic;

namespace SalesManagementSystem
{
    public partial class Pets_Shop : Form
    {
        public Pets_Shop()
        {
            InitializeComponent();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
        private void button1_Click(object sender, EventArgs e)
```

```
        {
            //SqlDataAdapter sda = new SqlDataAdapter("select
isnull(max(cast(PetId as int)),0)+1from Pets",con);
            //DataTable dt = new DataTable();
            //sda.Fill(dt);
            //textBox1.Text = dt.Rows[0][0].ToString();
            //this.ActiveControl = textBox2;
            if (textBox1.Text == "" && comboBox1.Text == "" && comboBox2.Text
== "" && textBox2.Text == "" && textBox3.Text == "" && textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                SqlCommand cmd = new SqlCommand("select * from Pets where
PetId='" + textBox1.Text + "'", con);
                SqlDataAdapter da = new SqlDataAdapter(cmd);
                DataSet ds = new DataSet();
                da.Fill(ds);
                int i = ds.Tables[0].Rows.Count;
                if (i > 0)
                {
                    MessageBox.Show("PetID" + textBox1.Text + "Alredy
Exists");
                    ds.Clear();
                }
                else
                {
                    con.Open();
                    SqlDataAdapter sdaaa = new SqlDataAdapter("insert into
Pets(PetId,PetName,PetColor,Price,Description,Stock) values('" +
textBox1.Text + "' , '" + comboBox1.Text + "' , '" + comboBox2.Text + "' , '"
+ textBox2.Text + "' , '" + textBox3.Text + "', '" + textBox4.Text + "')",
con);
                    sdaaa.SelectCommand.ExecuteNonQuery();
                    con.Close();
                    MessageBox.Show("INSERTED SUCCESSFULLY!!!!!!!!!!!!!");
                }
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && comboBox1.Text == "" && comboBox2.Text
== "" && textBox2.Text == "" && textBox3.Text == "" && textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Pets set
PetName='" + comboBox1.Text + "' , PetColor='" + comboBox2.Text + "' ,
Price='" + textBox2.Text + "' , Description='" + textBox3.Text + "' ,
Stock='" + textBox4.Text + "' where PetId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
```

```
                MessageBox.Show("SUCCESSFULLY UPDATED!!!!!!!!!!!!!!!");
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Pet-ID");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from Pets
where PetId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from Pets",
con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            string st;
            st = Interaction.InputBox("Enter Pet-ID.", "Pet-ID", "", -1, -1);
            try
            {
                int i = int.Parse(st);
                if (i < 100)
                {
                    con.Open();
                    SqlCommand cmd = new SqlCommand("select * from Pets where
PetId=" + i, con);
                    SqlDataReader sdr = cmd.ExecuteReader();
                    if (sdr.Read())
                    {
                        comboBox1.Text = (sdr["PetName"].ToString());
                        comboBox2.Text = (sdr["PetColor"].ToString());
                        textBox2.Text = (sdr["Price"].ToString());
                        textBox3.Text = (sdr["Description"].ToString());
                        textBox4.Text = (sdr["Stock"].ToString());
                    }
                    else
                    {
                        textBox1.Text = "";
```

```
                        comboBox1.Text = "";
                        comboBox2.Text = "";
                        textBox2.Text = "";
                        textBox3.Text = "";
                        textBox4.Text = "";
                        MessageBox.Show("Please Enter Correct Pet-ID");
                    }
                    con.Close();
                }
            }
            catch (FormatException ex)
            {
                MessageBox.Show("String format is invalid...");
                MessageBox.Show(ex.Message);
            }
        }

        private void button6_Click(object sender, EventArgs e)
        {
            textBox1.Text = comboBox1.Text = comboBox2.Text = textBox2.Text =
textBox3.Text = textBox4.Text = "";
        }

        private void button7_Click(object sender, EventArgs e)
        {
            this.Close();
            Main m1 = new Main();
            m1.Show();
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            comboBox1.Text =
dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
            comboBox2.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
            textBox4.Text =
dataGridView1.SelectedRows[0].Cells[5].Value.ToString();

        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }
```

```
        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox4_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }
        private void comboBox1_SelectedIndexChanged(object sender, EventArgs
e)
        {
            if (comboBox1.Text == "DOG")
            {
                comboBox2.Items.Clear();

                comboBox2.Items.Add("Black");
                comboBox2.Items.Add("Brown");
                comboBox2.Items.Add("White");
                comboBox2.Items.Add("Red");
                comboBox2.Items.Add("Cream");
                comboBox2.Items.Add("Grey");
            }
            else
            {
                comboBox2.Items.Clear();

                if(comboBox1.Text == "CAT")
                {
                    comboBox2.Items.Add("Black");
                    comboBox2.Items.Add("Brown");
                    comboBox2.Items.Add("White");
                    comboBox2.Items.Add("White&black");
                    comboBox2.Items.Add("Red");
                    comboBox2.Items.Add("Cream");
                }
                else
                {
                    comboBox2.Items.Clear();

                    if (comboBox1.Text == "RABBIT")
                    {
                        comboBox2.Items.Add("White");
                        comboBox2.Items.Add("Black");
                        comboBox2.Items.Add("Blue");
                        comboBox2.Items.Add("Chocolate");
                        comboBox2.Items.Add("Lilac");
                        comboBox2.Items.Add("Sable");
```

```
                    }
                    else
                    {
                            comboBox2.Items.Clear();

                            if(comboBox1.Text == "PARROT")
                            {
                                comboBox2.Items.Add("White");
                                comboBox2.Items.Add("Golden Yellow");
                                comboBox2.Items.Add("Yellow");
                                comboBox2.Items.Add("Green");
                                comboBox2.Items.Add("Red");
                                comboBox2.Items.Add("Blue");
                                comboBox2.Items.Add("Grey");
                            }
                            else
                            {
                                comboBox2.Items.Clear();
                            }
                    }
                }
            }
        }
    }
}
```

CODING FOR MANAGER DETAILS FORM:

```
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.Data.SqlClient;
using Microsoft.VisualBasic;

namespace SalesManagementSystem
{
    public partial class Manager_Details : Form
    {
        public Manager_Details()
        {
            InitializeComponent();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
        private void button1_Click(object sender, EventArgs e)
        {
            //SqlDataAdapter sda = new SqlDataAdapter("select
isnull(max(cast(ManagerId as int)),0)+1from Manager",con);
            //DataTable dt = new DataTable();
            //sda.Fill(dt);
```

```
            //textBox1.Text = dt.Rows[0][0].ToString();
            //this.ActiveControl = textBox2;
            if (textBox1.Text == "" && textBox2.Text == "" && textBox3.Text
== "" && textBox4.Text == "" && comboBox1.Text == "" && comboBox2.Text == ""
&& textBox5.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                if (textBox3.Text.Length == 10)
                {
                    SqlCommand cmd = new SqlCommand("select * from Manager
where ManagerId='" + textBox1.Text + "'", con);
                    SqlDataAdapter sdaa = new SqlDataAdapter(cmd);
                    DataSet ds = new DataSet();
                    sdaa.Fill(ds);
                    int i = ds.Tables[0].Rows.Count;
                    if (i > 0)
                    {
                        MessageBox.Show("ManagerID" + textBox1.Text + "Alredy
Exists");
                        ds.Clear();
                    }
                    else
                    {
                        con.Open();
                        SqlDataAdapter sdaaa = new SqlDataAdapter("insert
into
Manager(ManagerId,ManagerName,PhoneNumber,Address,Qualification,Gender,Manage
rPassword) values('" + textBox1.Text + "' , '" + textBox2.Text + "' , '" +
textBox3.Text + "', '" + textBox4.Text + "' , '" + comboBox1.Text + "' , '" +
comboBox2.Text + "' , '" + textBox5.Text + "')", con);
                        sdaaa.SelectCommand.ExecuteNonQuery();
                        con.Close();
                        MessageBox.Show("INSERTED
SUCCESSFULLY!!!!!!!!!!!!!");
                    }
                }
                else
                {
                    MessageBox.Show("Please Enter the 10 Digits of Phone
Number");
                }
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && textBox2.Text == "" && textBox3.Text
== "" && textBox4.Text == "" && comboBox1.Text == "" && comboBox2.Text == ""
&& textBox5.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
```

```
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Manager set
ManagerName='" + textBox2.Text + "' , PhoneNumber='" + textBox3.Text + "' ,
Address='" + textBox4.Text + "' , Qualification='" + comboBox1.Text + "' ,
Gender='" + comboBox2.Text + "' , ManagerPassword='" + textBox5.Text + "'
where ManagerId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY UPDATED!!!!!!!!!!!!!!!");
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Manager-ID");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from Manager
where ManagerId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from Manager",
con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            string st;
            st = Interaction.InputBox("Enter Manager-ID.", "Manager-ID", "",
-1, -1);
            try
            {
                int i = int.Parse(st);
                if (i < 100)
                {
                    con.Open();
                    SqlCommand cmd = new SqlCommand("select * from Manager
where ManagerId=" + i, con);
                    SqlDataReader sdr = cmd.ExecuteReader();
                    if (sdr.Read())
```

```
                    {
                        textBox2.Text = (sdr["ManagerName"].ToString());
                        textBox3.Text = (sdr["PhoneNumber"].ToString());
                        textBox4.Text = (sdr["Address"].ToString());
                        comboBox1.Text = (sdr["Qualification"].ToString());
                        comboBox2.Text = (sdr["Gender"].ToString());
                        textBox5.Text = (sdr["ManagerPassword"].ToString());
                    }
                    else
                    {
                        textBox1.Text = "";
                        comboBox1.Text = "";
                        comboBox2.Text = "";
                        textBox2.Text = "";
                        textBox3.Text = "";
                        textBox4.Text = "";
                        textBox5.Text = "";
                        MessageBox.Show("Please Enter Correct Manager-ID");
                    }
                    con.Close();
                }
            }
            catch (FormatException ex)
            {
                MessageBox.Show("String format is invalid...");
                MessageBox.Show(ex.Message);
            }
        }

        private void button6_Click(object sender, EventArgs e)
        {
            textBox1.Text = comboBox1.Text = comboBox2.Text = textBox2.Text =
textBox3.Text = textBox4.Text = textBox5.Text = "";
        }

        private void button7_Click(object sender, EventArgs e)
        {
            this.Close();
            Main m1 = new Main();
            m1.Show();
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox4.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
            comboBox1.Text =
dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
            comboBox2.Text =
dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
```

```
                    textBox5.Text =
dataGridView1.SelectedRows[0].Cells[6].Value.ToString();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsLetter(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox3_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox5_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }
    }
}
```

CODING FOR MANAGER-LOGIN FORM:

```
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.Data.SqlClient;
```

```
namespace SalesManagementSystem
{
    public partial class Manager_Login : Form
    {
        public Manager_Login()
        {
            InitializeComponent();
        }
        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && comboBox1.Text == "" && textBox2.Text
== "")
            {
                MessageBox.Show("Please Enter the ManagerName & Gander &
ManagerPassword");
            }
            else
            {
                if (textBox1.Text == "")
                {
                    if (ValidateChildren(ValidationConstraints.Enabled))
                    {
                    }
                }
                else
                {
                    if (textBox2.Text.Length == 8)
                    {
                        SqlConnection con = new SqlConnection(@"Data
Source=HPX-PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                        MessageBox.Show("SQL Connected");
                        con.Open();
                        SqlDataAdapter sda = new SqlDataAdapter("select
count(*) from Manager where ManagerName='" + textBox1.Text + "' and Gender='"
+ comboBox1.Text + "' and ManagerPassword='" + textBox2.Text + "'", con);
                        DataTable dt = new DataTable();
                        sda.Fill(dt);
                        if (dt.Rows[0][0].ToString() == "1")
                        {
                            this.Hide();
                            MessageBox.Show("Successfully Login");
                            Sales_Details s1 = new Sales_Details();
                            s1.Show();
                        }
                        else
                        {
                            MessageBox.Show("Please Enter Correct Data");
                        }
                        con.Close();
                    }
                    else
                    {
                        MessageBox.Show("Please Enter the Password Only 8
Digits of Numbers");
                    }
                }
```

```
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main m1 = new Main();
            m1.Show();

        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsLetter(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void checkBox1_CheckedChanged(object sender, EventArgs e)
        {
            if (checkBox1.Checked)
            {
                textBox2.UseSystemPasswordChar = true;
            }
            else
            {
                textBox2.UseSystemPasswordChar = false;
            }
        }

        private void textBox1_Validating(object sender, CancelEventArgs e)
        {
            if (string.IsNullOrEmpty(textBox1.Text))
            {
                e.Cancel = true;
                textBox1.Focus();
                errorProvider1.SetError(textBox1, "Please Enter Your Manager
Name!");
            }
            else
            {
                e.Cancel = false;
                errorProvider1.SetError(textBox1, null);
            }
        }
    }
```

```
}
```

CODING FOR SALES DETAILS FORM:

```
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.Data.SqlClient;
using Microsoft.VisualBasic;

namespace SalesManagementSystem
{
    public partial class Sales_Details : Form
    {
        public Sales_Details()
        {
            InitializeComponent();
            combo();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && textBox2.Text == "" && textBox3.Text
== "" && textBox4.Text == "" && textBox5.Text == "" && textBox6.Text == "" &&
textBox7.Text == "" && textBox8.Text == "" && textBox9.Text == "" &&
textBox10.Text == "" && comboBox1.Text == "" && comboBox2.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                if (textBox9.Text.Length == 10)
                {
                    //SqlDataAdapter sda = new SqlDataAdapter("select
isnull(max(cast(ElectronicId as int)),0)+1from Electronic",con);
                    //DataTable dt = new DataTable();
                    //sda.Fill(dt);
                    //textBox1.Text = dt.Rows[0][0].ToString();
                    //this.ActiveControl = textBox2;
                    if (textBox1.Text == "" && comboBox1.Text == "" &&
textBox2.Text == "" && textBox3.Text == "" && textBox4.Text == "" &&
textBox5.Text == "" && textBox6.Text == "" && textBox7.Text == "" &&
comboBox2.Text == "" && textBox8.Text == "" && textBox9.Text == "" &&
textBox10.Text == "")
                    {
                        MessageBox.Show("Please Enter the Data");
                    }
                    else
                    {
```

```
                        SqlCommand cmd = new SqlCommand("select * from Sales
where OrderId='" + textBox1.Text + "'", con);
                        SqlDataAdapter sdaa = new SqlDataAdapter(cmd);
                        DataSet ds = new DataSet();
                        sdaa.Fill(ds);
                        int i = ds.Tables[0].Rows.Count;
                        if (i > 0)
                        {
                            MessageBox.Show("OrderID" + textBox1.Text +
"Alredy Exists");
                            ds.Clear();
                        }
                        else
                        {
                            SqlConnection conn = new SqlConnection(@"Data
Source=HPX-PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                            conn.Open();
                            SqlDataAdapter sdaaa = new SqlDataAdapter("insert
into
Sales(OrderId,ShopName,ItemId,ItemName,Brand,Price,Description,Quantity,Manag
erName,CustomerName,CustomerContactNumber,Address) values('" + textBox1.Text
+ "' , '" + comboBox1.Text + "' , '" + textBox2.Text + "' , '" +
textBox3.Text + "' , '" + textBox4.Text + "' , '" + textBox5.Text + "' , '" +
textBox6.Text + "' , '" + textBox7.Text + "' , '" + comboBox2.Text + "' , '"
+ textBox8.Text + "' , '" + textBox9.Text + "' , '" + textBox10.Text + "')",
con);
                            sdaaa.SelectCommand.ExecuteNonQuery();
                            conn.Close();
                            MessageBox.Show("INSERTED
SUCCESSFULLY!!!!!!!!!!!!!");
                        }
                    }
                }
                else
                {
                    MessageBox.Show("Please Enter the 10 Digits of Phone
Number");
                }
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && textBox2.Text == "" && textBox3.Text
== "" && textBox4.Text == "" && textBox5.Text == "" && textBox6.Text == "" &&
textBox7.Text == "" && textBox8.Text == "" && textBox9.Text == "" &&
textBox10.Text == "" && comboBox1.Text == "" && comboBox2.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
```

```
                SqlDataAdapter sda = new SqlDataAdapter("update Sales set
ShopName='" + comboBox1.Text + "' , ItemId='" + textBox2.Text + "' ,
ItemName='" + textBox3.Text + "' , Brand='" + textBox4.Text + "', Price='" +
textBox5.Text + "' , Description='" + textBox6.Text + "' ,Quantity='" +
textBox7.Text + "' , ManagerName='" + comboBox2.Text + "' , CustomerName='" +
textBox8.Text + "' , CustomerContactNumber='" + textBox9.Text + "' ,
Address='" + textBox10.Text + "' where OrderId='" + textBox1.Text + "'",
con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY UPDATED!!!!!!!!!!!!!!!");
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Order-ID");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from Sales
where OrderId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from Sales",
con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            string st;
            st = Interaction.InputBox("Enter Order-ID.", "Order-ID", "", -1,
-1);
            try
            {
                int i = int.Parse(st);
                if (i < 100)
                {
```

```
                    SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                    con.Open();
                    SqlCommand cmd = new SqlCommand("select * from Sales
where OrderId=" + i, con);
                    SqlDataReader sdr = cmd.ExecuteReader();
                    if (sdr.Read())
                    {
                        comboBox1.Text = (sdr["ShopName"].ToString());
                        textBox2.Text = (sdr["ItemId"].ToString());
                        textBox3.Text = (sdr["ItemName"].ToString());
                        textBox4.Text = (sdr["Brand"].ToString());
                        textBox5.Text = (sdr["Price"].ToString());
                        textBox6.Text = (sdr["Description"].ToString());
                        textBox7.Text = (sdr["Quantity"].ToString());
                        comboBox2.Text = (sdr["ManagerName"].ToString());
                        textBox8.Text = (sdr["CustomerName"].ToString());
                        textBox9.Text =
(sdr["CustomerContactNumber"].ToString());
                        textBox10.Text = (sdr["Address"].ToString());
                    }
                    else
                    {
                        textBox1.Text = "";
                        comboBox1.Text = "";
                        textBox2.Text = "";
                        textBox3.Text = "";
                        textBox4.Text = "";
                        textBox5.Text = "";
                        textBox6.Text = "";
                        textBox7.Text = "";
                        comboBox2.Text = "";
                        textBox8.Text = "";
                        textBox9.Text = "";
                        textBox10.Text = "";
                        MessageBox.Show("Please Enter Correct Order-ID");
                    }
                    con.Close();
                }
            }
            catch (FormatException ex)
            {
                MessageBox.Show("String format is invalid...");
                MessageBox.Show(ex.Message);
            }
        }

        private void button6_Click(object sender, EventArgs e)
        {
            textBox1.Text = "";
            comboBox1.Text = "";
            textBox2.Text = "";
            textBox3.Text = "";
            textBox4.Text = "";
            textBox5.Text = "";
            textBox6.Text = "";
```

```
            textBox7.Text = "";
            comboBox2.Text = "";
            textBox8.Text = "";
            textBox9.Text = "";
            textBox10.Text = "";
        }

        private void button7_Click(object sender, EventArgs e)
        {
            this.Close();
            Manager_Login l1 = new Manager_Login();
            l1.Show();
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            comboBox1.Text =
dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox4.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
            textBox5.Text =
dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
            textBox6.Text =
dataGridView1.SelectedRows[0].Cells[6].Value.ToString();
            textBox7.Text =
dataGridView1.SelectedRows[0].Cells[7].Value.ToString();
            comboBox2.Text =
dataGridView1.SelectedRows[0].Cells[8].Value.ToString();
            textBox8.Text =
dataGridView1.SelectedRows[0].Cells[9].Value.ToString();
            textBox9.Text =
dataGridView1.SelectedRows[0].Cells[10].Value.ToString();
            textBox10.Text =
dataGridView1.SelectedRows[0].Cells[11].Value.ToString();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
```

```
            {
                e.Handled = true;
            }
        }

        private void textBox7_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox8_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsLetter(ch) && ch != 8 && ch != 46)

            {
                e.Handled = true;
            }
        }

        private void textBox9_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void comboBox1_SelectedIndexChanged(object sender, EventArgs
e)
        {
            if(comboBox1.Text == "")
            {
            }
            else if (comboBox1.Text == "ELECTRONIC SHOP")
            {
                label4.Text = "ELECTRONIC ITEM";
                label5.Text = "ITEM'S BRAND";
                label6.Text = "PRICE";
                label7.Text = "DESCRIPTION";

                if (comboBox1.Text == "ELECTRONIC SHOP")
                {
                    if (textBox2.Text == "")
                    {
                    }
                    else
                    {
                        SqlConnection con = new SqlConnection(@"Data
Source=HPX-PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                        con.Open();
```

```
                        SqlCommand cmd = new SqlCommand("select * from
Electronic where ElectronicId=" + int.Parse(textBox2.Text), con);
                        SqlDataReader sdr = cmd.ExecuteReader();
                        if (sdr.Read())
                        {
                            textBox3.Text =
(sdr["ElectronicItem"].ToString());
                            textBox4.Text = (sdr["ItemBrand"].ToString());
                            textBox5.Text = (sdr["Price"].ToString());
                            textBox6.Text = (sdr["Description"].ToString());
                        }
                        else
                        {
                            textBox2.Text = "";
                            textBox3.Text = "";
                            textBox4.Text = "";
                            textBox5.Text = "";
                            textBox6.Text = "";
                            MessageBox.Show("Please Enter Correct Electronic-
ID");
                        }
                        con.Close();
                    }
                }
            }
            else if (comboBox1.Text == "BIKE SHOP")
            {
                label4.Text = "BIKE NAME";
                label5.Text = "VEHICLE MODEL";
                label6.Text = "PRICE";
                label7.Text = "VEHICLE COLOR";

                if (comboBox1.Text == "BIKE SHOP")
                {
                    if (textBox2.Text == "")
                    {
                    }
                    else
                    {
                        SqlConnection con = new SqlConnection(@"Data
Source=HPX-PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                        con.Open();
                        SqlCommand cmd = new SqlCommand("select * from Bike
where VehicleId=" + int.Parse(textBox2.Text), con);
                        SqlDataReader sdr = cmd.ExecuteReader();
                        if (sdr.Read())
                        {
                            textBox3.Text = (sdr["BikeName"].ToString());
                            textBox4.Text = (sdr["VehicleModel"].ToString());
                            textBox5.Text = (sdr["Price"].ToString());
                            textBox6.Text = (sdr["EngineCC"].ToString());
                        }
                        else
                        {
                            textBox2.Text = "";
                            textBox3.Text = "";
```

```
                            textBox4.Text = "";
                            textBox5.Text = "";
                            textBox6.Text = "";
                            MessageBox.Show("Please Enter Correct Bike-ID");
                        }
                        con.Close();
                    }
                }
            }
            else if (comboBox1.Text == "PETS SHOP")
            {
                label4.Text = "PET NAME";
                label5.Text = "PET COLOR";
                label6.Text = "PRICE";
                label7.Text = "DESCRIPTION";

                if (comboBox1.Text == "PETS SHOP")
                {
                    if (textBox2.Text == "")
                    {
                    }
                    else
                    {
                        SqlConnection con = new SqlConnection(@"Data
Source=HPX-PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                        con.Open();
                        SqlCommand cmd = new SqlCommand("select * from Pets
where PetId=" + int.Parse(textBox2.Text), con);
                        SqlDataReader sdr = cmd.ExecuteReader();
                        if (sdr.Read())
                        {
                            textBox3.Text = (sdr["PetName"].ToString());
                            textBox4.Text = (sdr["PetColor"].ToString());
                            textBox5.Text = (sdr["Price"].ToString());
                            textBox6.Text = (sdr["Description"].ToString());
                        }
                        else
                        {
                            textBox2.Text = "";
                            textBox3.Text = "";
                            textBox4.Text = "";
                            textBox5.Text = "";
                            textBox6.Text = "";
                            MessageBox.Show("Please Enter Correct Pet-ID");
                        }
                        con.Close();
                    }
                }
            }
            else
            {
            }
        }
        void combo()
        {
            con.Open();
```

```
            SqlCommand cmd = new SqlCommand("select * from Manager ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["ManagerName"].ToString());
                comboBox2.Items.Add(name);
            }
        }
    }
}
```

CODING FOR BILL GENERATE FORM:

```
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.Data.SqlClient;
using Microsoft.VisualBasic;

namespace SalesManagementSystem
{
    public partial class Bill_Generate : Form
    {
        public Bill_Generate()
        {
            InitializeComponent();
        }
        string MembershipCard;
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");

        private void button1_Click(object sender, EventArgs e)
        {
            //SqlDataAdapter sda = new SqlDataAdapter("select
isnull(max(cast(ElectronicId as int)),0)+1from Electronic",con);
            //DataTable dt = new DataTable();
            //sda.Fill(dt);
            //textBox1.Text = dt.Rows[0][0].ToString();
            //this.ActiveControl = textBox2;
            if (textBox1.Text == "" && textBox2.Text == "" && textBox3.Text
== "" && textBox4.Text == "" && textBox5.Text == "" && textBox6.Text == "" &&
textBox7.Text == "" && textBox8.Text == "" && textBox9.Text == "" &&
textBox10.Text == "" && textBox11.Text == "" && textBox12.Text == "" &&
textBox13.Text == "" && textBox14.Text == "" && textBox15.Text == "" &&
textBox16.Text == "" && textBox17.Text == "" && textBox18.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
```

```
                SqlCommand cmd = new SqlCommand("select * from Bill where
BillNo='" + textBox1.Text + "'", con);
                SqlDataAdapter sdaa = new SqlDataAdapter(cmd);
                DataSet ds = new DataSet();
                sdaa.Fill(ds);
                int i = ds.Tables[0].Rows.Count;
                if (i > 0)
                {
                    MessageBox.Show("BillNo" + textBox1.Text + "Alredy
Exists");
                    ds.Clear();
                }
                else
                {
                    con.Open();
                    SqlDataAdapter sdaaa = new SqlDataAdapter("insert into
Bill(BillNo,Date,OrderId,ShopName,ItemName,Brand,Price,Quantity,ManagerName,C
ustomerName,CustomerContactNumber,Address,MembershipCard,MembershipCardId,Hol
derName,CreditPoints,ItemPrice,Discount,TotalPrice,TotalAmount) values('" +
textBox1.Text + "' ,'" + dateTimePicker1.Text + "' , '" + textBox2.Text + "'
, '" + textBox3.Text + "' , '" + textBox4.Text + "' , '" + textBox5.Text + "'
, '" + textBox6.Text + "' , '" + textBox7.Text + "' , '" + textBox8.Text + "'
, '" + textBox9.Text + "' , '" + textBox10.Text + "' , '" + textBox11.Text +
"' , '" + MembershipCard + "' , '" + textBox12.Text + "' , '" +
textBox13.Text + "' , '" + textBox14.Text + "' , '" + textBox15.Text + "' ,
'" + textBox16.Text + "' , '" + textBox17.Text + "' , '" + textBox18.Text +
"')", con);
                    sdaaa.SelectCommand.ExecuteNonQuery();
                    con.Close();

                    if (textBox3.Text == "ELECTRONIC SHOP")
                    {
                        con.Open();
                        SqlDataAdapter sda = new SqlDataAdapter("update
Electronic set Stock=Stock-'" + textBox7.Text + "' where ElectronicItem='" +
textBox4.Text + "'", con);
                        sda.SelectCommand.ExecuteNonQuery();
                        con.Close();
                    }
                    else if(textBox3.Text=="BIKE SHOP")
                    {
                        con.Open();
                        SqlDataAdapter sda = new SqlDataAdapter("update Bike
set Stock=Stock -'" + textBox7.Text + "' where BikeName='" + textBox4.Text +
"'", con);
                        sda.SelectCommand.ExecuteNonQuery();
                        con.Close();
                    }
                    else if(textBox3.Text=="PETS SHOP")
                    {
                        con.Open();
                        SqlDataAdapter sda = new SqlDataAdapter("update Pets
set Stock=Stock -'" + textBox7.Text + "' where PetName='" + textBox4.Text +
"'", con);
                        sda.SelectCommand.ExecuteNonQuery();
                        con.Close();
```

```
                    }
                    else
                    {
                    }
                    MessageBox.Show("INSERTED SUCCESSFULLY!!!!!!!!!!!!!");

                }
            }
        }
        private void button2_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Bill-No");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from Bill
where BillNo='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Bill-NO");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
                SqlCommand cmd = new SqlCommand("select * from Bill where
BillNo=" + int.Parse(textBox1.Text), con);
                SqlDataReader sdr = cmd.ExecuteReader();
                if (sdr.Read())
                {
                    dateTimePicker1.Text = (sdr["Date"].ToString()); ;
                    textBox2.Text = (sdr["OrderId"].ToString());
                    textBox3.Text = (sdr["ShopName"].ToString());
                    textBox4.Text = (sdr["ItemName"].ToString());
                    textBox5.Text = (sdr["Brand"].ToString());
                    textBox6.Text = (sdr["Price"].ToString());
                    textBox7.Text = (sdr["Quantity"].ToString());
                    textBox8.Text = (sdr["ManagerName"].ToString());
                    textBox9.Text = (sdr["CustomerName"].ToString());
                    textBox10.Text =
(sdr["CustomerContactNumber"].ToString());
                    textBox11.Text = (sdr["Address"].ToString());
                    MembershipCard = (sdr["MembershipCard"].ToString());
                    textBox12.Text = (sdr["MembershipCardId"].ToString());
                    textBox13.Text = (sdr["HolderName"].ToString());
```

```
                    textBox14.Text = (sdr["CreditPoints"].ToString());
                    textBox15.Text = (sdr["ItemPrice"].ToString());
                    textBox16.Text = (sdr["Discount"].ToString());
                    textBox17.Text = (sdr["TotalPrice"].ToString());
                    textBox18.Text = (sdr["TotalAmount"].ToString());
                }
                else
                {
                    textBox1.Text = "";
                    textBox2.Text = "";
                    textBox3.Text = "";
                    textBox4.Text = "";
                    textBox5.Text = "";
                    textBox6.Text = "";
                    textBox7.Text = "";
                    textBox8.Text = "";
                    textBox9.Text = "";
                    textBox10.Text = "";
                    textBox11.Text = "";
                    textBox12.Text = "";
                    textBox13.Text = "";
                    textBox14.Text = "";
                    textBox15.Text = "";
                    textBox16.Text = "";
                    textBox17.Text = "";
                    textBox18.Text = "";
                    MessageBox.Show("Please Enter Correct Bill-No");
                }
                con.Close();
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from Bill",
con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();
        }

        private void button5_Click(object sender, EventArgs e)
        {
            textBox1.Text = textBox2.Text = textBox3.Text = textBox4.Text =
textBox5.Text = textBox6.Text = textBox7.Text = textBox8.Text = textBox9.Text
= textBox10.Text = textBox11.Text = textBox12.Text = textBox13.Text =
textBox14.Text = textBox15.Text = textBox16.Text = textBox17.Text =
textBox18.Text = "";
            radioButton1.Checked = false;
            radioButton2.Checked = false;
        }

        private void button6_Click(object sender, EventArgs e)
        {
```

```
            this.Close();
            Main m1 = new Main();
            m1.Show();
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
            textBox4.Text =
dataGridView1.SelectedRows[0].Cells[4].Value.ToString();
            textBox5.Text =
dataGridView1.SelectedRows[0].Cells[5].Value.ToString();
            textBox6.Text =
dataGridView1.SelectedRows[0].Cells[6].Value.ToString();
            textBox7.Text =
dataGridView1.SelectedRows[0].Cells[7].Value.ToString();
            textBox8.Text =
dataGridView1.SelectedRows[0].Cells[8].Value.ToString();
            textBox9.Text =
dataGridView1.SelectedRows[0].Cells[9].Value.ToString();
            textBox10.Text =
dataGridView1.SelectedRows[0].Cells[10].Value.ToString();
            textBox11.Text =
dataGridView1.SelectedRows[0].Cells[11].Value.ToString();
            MembershipCard =
dataGridView1.SelectedRows[0].Cells[12].Value.ToString();
            textBox12.Text =
dataGridView1.SelectedRows[0].Cells[13].Value.ToString();
            textBox13.Text =
dataGridView1.SelectedRows[0].Cells[14].Value.ToString();
            textBox14.Text =
dataGridView1.SelectedRows[0].Cells[15].Value.ToString();
            textBox15.Text =
dataGridView1.SelectedRows[0].Cells[16].Value.ToString();
            textBox16.Text =
dataGridView1.SelectedRows[0].Cells[17].Value.ToString();
            textBox17.Text =
dataGridView1.SelectedRows[0].Cells[18].Value.ToString();
            textBox18.Text =
dataGridView1.SelectedRows[0].Cells[19].Value.ToString();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }
```

```
        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox18_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox12_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox14_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox15_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox16_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox17_KeyPress(object sender, KeyPressEventArgs e)
        {
```

```
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox13_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsLetter(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void radioButton1_CheckedChanged(object sender, EventArgs e)
        {
            MembershipCard = "Available";
            groupBox2.Enabled = radioButton1.Checked;
        }

        private void radioButton2_CheckedChanged(object sender, EventArgs e)
        {
            MembershipCard = "NotAvailable";
            groupBox2.Enabled = false;
            if (radioButton2.Checked)
            {
                if(textBox7.Text=="" && textBox6.Text=="")
                {
                }
                else
                {
                    textBox18.Text = (Convert.ToDouble(textBox6.Text) *
Convert.ToDouble(textBox7.Text)).ToString();
                }
            }
            else
            {
                textBox18.Text = "";
            }
        }
        void find()
        {
            if (textBox2.Text == "")
            {
                MessageBox.Show("Please Enter the Order-ID");
            }
            else
            {
                con.Open();
                SqlCommand cmd = new SqlCommand("select * from Sales where
OrderId=" + int.Parse(textBox2.Text), con);
                SqlDataReader sdr = cmd.ExecuteReader();
                if (sdr.Read())
                {
```

```
                    textBox3.Text = (sdr["ShopName"].ToString());
                    textBox4.Text = (sdr["ItemName"].ToString());
                    textBox5.Text = (sdr["Brand"].ToString());
                    textBox6.Text = (sdr["Price"].ToString());
                    textBox7.Text = (sdr["Quantity"].ToString());
                    textBox8.Text = (sdr["ManagerName"].ToString());
                    textBox9.Text = (sdr["CustomerName"].ToString());
                    textBox10.Text =
(sdr["CustomerContactNumber"].ToString());
                    textBox11.Text = (sdr["Address"].ToString());
                }
                else
                {
                    textBox2.Text = "";
                    textBox3.Text = "";
                    textBox4.Text = "";
                    textBox5.Text = "";
                    textBox6.Text = "";
                    textBox7.Text = "";
                    textBox8.Text = "";
                    textBox9.Text = "";
                    textBox10.Text = "";
                    textBox11.Text = "";
                    MessageBox.Show("Please Enter Correct Order-ID");
                }
                con.Close();
            }
        }

        private void button7_Click(object sender, EventArgs e)
        {
            find();
        }

        private void button8_Click(object sender, EventArgs e)
        {
            if (textBox16.Text == "")
            {
                MessageBox.Show("Please Enter the Discount");
            }
            else
            {
                textBox17.Text = (Convert.ToDouble(textBox15.Text) -
(Convert.ToDouble(textBox16.Text) * Convert.ToDouble(textBox15.Text) /
100)).ToString();
                textBox18.Text = (Convert.ToDouble(textBox7.Text) *
Convert.ToDouble(textBox17.Text)).ToString();
            }
        }

        private void button9_Click(object sender, EventArgs e)
        {
            if (textBox12.Text == "")
            {
                MessageBox.Show("Please Enter the MembershipCard-ID");
            }
```

```
            else
            {
                con.Open();
                SqlCommand cmd = new SqlCommand("select * from MembershipCard
where MembershipCardId=" + int.Parse(textBox12.Text), con);
                SqlDataReader sdr = cmd.ExecuteReader();
                if (sdr.Read())
                {
                    textBox13.Text = (sdr["HolderName"].ToString());
                    textBox14.Text = (sdr["CreditPoints"].ToString());
                    textBox15.Text = (sdr["ItemPrice"].ToString());
                }
                else
                {
                    textBox12.Text = "";
                    textBox13.Text = "";
                    textBox14.Text = "";
                    textBox15.Text = "";
                    MessageBox.Show("Please Enter Correct MembershipCard-
ID");
                }
                con.Close();
            }
        }
    }
}
```

CODING FOR MEMBERSHIP-LOGIN FORM:

```
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.Data.SqlClient;

namespace SalesManagementSystem
{
    public partial class Membership_Login : Form
    {
        public Membership_Login()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "" && comboBox1.Text == "" && textBox2.Text
== "")
            {
                MessageBox.Show("Please Enter the ManagerName & Gander &
ManagerPassword");
            }
```

```
            else
            {
                if (textBox1.Text == "")
                {
                    if (ValidateChildren(ValidationConstraints.Enabled))
                    {
                    }
                }
                else
                {
                    if (textBox2.Text.Length == 8)
                    {
                        SqlConnection con = new SqlConnection(@"Data
Source=HPX-PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                        MessageBox.Show("SQL Connected");
                        con.Open();
                        SqlDataAdapter sda = new SqlDataAdapter("select
count(*) from Manager where ManagerName='" + textBox1.Text + "' and Gender='"
+ comboBox1.Text + "' and ManagerPassword='" + textBox2.Text + "'", con);
                        DataTable dt = new DataTable();
                        sda.Fill(dt);
                        if (dt.Rows[0][0].ToString() == "1")
                        {
                            this.Hide();
                            MessageBox.Show("Successfully Login");
                            Create_Membsrship_Card s1 = new
Create_Membsrship_Card();
                            s1.Show();
                        }
                        else
                        {
                            MessageBox.Show("Please Enter Correct Data");
                        }
                        con.Close();
                    }
                    else
                    {
                        MessageBox.Show("Please Enter the Password Only 8
Digits of Numbers");
                    }
                }
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main m1 = new Main();
            m1.Show();
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsLetter(ch) && ch != 8 && ch != 46)
            {
```

```
                e.Handled = true;
            }
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void checkBox1_CheckedChanged(object sender, EventArgs e)
        {
            if (checkBox1.Checked)
            {
                textBox2.UseSystemPasswordChar = true;
            }
            else
            {
                textBox2.UseSystemPasswordChar = false;
            }
        }

        private void textBox1_Validating(object sender, CancelEventArgs e)
        {
            if (string.IsNullOrEmpty(textBox1.Text))
            {
                e.Cancel = true;
                textBox1.Focus();
                errorProvider1.SetError(textBox1, "Please Enter Your Manager
Name!");
            }
            else
            {
                e.Cancel = false;
                errorProvider1.SetError(textBox1, null);
            }
        }
    }
}
```

CODING FOR CREATE MEMBERSHIP CARD FORM:

```
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.Data.SqlClient;
```

```
namespace SalesManagementSystem
{
    public partial class Create_Membsrship_Card : Form
    {
        public Create_Membsrship_Card()
        {
            InitializeComponent();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");

        private void textBox4_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs e)
        {
            char ch = e.KeyChar;
            if (!char.IsDigit(ch) && ch != 8 && ch != 46)
            {
                e.Handled = true;
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox4.Text == "")
            {
                MessageBox.Show("Please Enter the Bill-NO");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
                SqlCommand cmd = new SqlCommand("select * from Bill where
BillNo=" + int.Parse(textBox4.Text), con);
                SqlDataReader sdr = cmd.ExecuteReader();
                if (sdr.Read())
                {
                    textBox5.Text = (sdr["Price"].ToString());
                    textBox6.Text = (sdr["ManagerName"].ToString());
                    textBox2.Text = (sdr["CustomerName"].ToString());
                }
                else
                {
                    textBox4.Text = "";
                    textBox5.Text = "";
                    textBox6.Text = "";
                    textBox2.Text = "";
                    MessageBox.Show("Please Enter Correct Bill-No");
```

```
                }
                con.Close();
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            //SqlDataAdapter sda = new SqlDataAdapter("select
isnull(max(cast(PetId as int)),0)+1from Pets",con);
            //DataTable dt = new DataTable();
            //sda.Fill(dt);
            //textBox1.Text = dt.Rows[0][0].ToString();
            //this.ActiveControl = textBox2;
            if (textBox1.Text == "" && textBox2.Text == "" && textBox3.Text
== "" && textBox4.Text == "" && textBox5.Text == "" && textBox6.Text == "")
            {
                MessageBox.Show("Please Enter the Data");
            }
            else
            {
                SqlCommand cmd = new SqlCommand("select * from MembershipCard
where MembershipCardId='" + textBox1.Text + "'", con);
                SqlDataAdapter sdaa = new SqlDataAdapter(cmd);
                DataSet ds = new DataSet();
                sdaa.Fill(ds);
                int i = ds.Tables[0].Rows.Count;
                if (i > 0)
                {
                    MessageBox.Show("MembershipCardID" + textBox1.Text +
"Alredy Exists");
                    ds.Clear();
                }
                else
                {
                    con.Open();
                    SqlDataAdapter sdaaa = new SqlDataAdapter("insert into
MembershipCard(MembershipCardId,HolderName,CreditPoints,ItemPrice) values('"
+ textBox1.Text + "' , '" + textBox2.Text + "' , '" + textBox3.Text + "', '"
+ textBox5.Text + "')", con);
                    sdaaa.SelectCommand.ExecuteNonQuery();
                    con.Close();
                    MessageBox.Show("INSERTED SUCCESSFULLY!!!!!!!!!!!!!");
                }
            }
        }

        private void button4_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("select * from
MembershipCard", con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            dataGridView1.DataSource = dt;
            con.Close();

            con.Open();
```

```
            SqlDataAdapter da = new SqlDataAdapter("select * from Bill",
con);
            DataTable dtt = new DataTable();
            da.Fill(dtt);
            dataGridView2.DataSource = dtt;
            con.Close();
        }

        private void button3_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the MembershipCard-ID");
            }
            else
            {
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("delete from
MembershipCard where MembershipCardId='" + textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                con.Close();
                MessageBox.Show("SUCCESSFULLY DELETE RECORD!!!!!!!!!!!!!");
            }
        }

        private void button5_Click(object sender, EventArgs e)
        {
            textBox1.Text = textBox2.Text = textBox3.Text = textBox4.Text =
textBox5.Text = textBox6.Text = "";
        }

        private void button6_Click(object sender, EventArgs e)
        {
            this.Hide();
            Membership_Login m1 = new Membership_Login();
            m1.Show();
        }

        private void dataGridView1_MouseDoubleClick(object sender,
MouseEventArgs e)
        {
            textBox1.Text =
dataGridView1.SelectedRows[0].Cells[0].Value.ToString();
            textBox2.Text =
dataGridView1.SelectedRows[0].Cells[1].Value.ToString();
            textBox3.Text =
dataGridView1.SelectedRows[0].Cells[2].Value.ToString();
            textBox5.Text =
dataGridView1.SelectedRows[0].Cells[3].Value.ToString();
        }

        private void button7_Click(object sender, EventArgs e)
        {
            if (textBox5.Text == "")
            {
            }
```

```
            else
            {
                int i = Convert.ToInt32(textBox5.Text);
                if (i >= 500000)
                {
                    textBox3.Text = "30";
                }
                else if (i < 500000 && i >= 400000)
                {
                    textBox3.Text = "25";
                }
                else if (i < 400000 && i >= 300000)
                {
                    textBox3.Text = "20";
                }
                else if (i < 300000 && i >= 200000)
                {
                    textBox3.Text = "17";
                }
                else if (i < 200000 && i >= 150000)
                {
                    textBox3.Text = "13";
                }
                else if (i < 150000 && i >= 100000)
                {
                    textBox3.Text = "10";
                }
                else if (i < 100000 && i >= 75000)
                {
                    textBox3.Text = "8";
                }
                else if (i < 75000 && i >= 50000)
                {
                    textBox3.Text = "5";
                }
                else
                {
                }
            }
        }
        private void button8_Click(object sender, EventArgs e)
        {
            con.Open();
            SqlDataAdapter sda = new SqlDataAdapter("update MembershipCard
set CreditPoints=CreditPoints +'" + textBox7.Text + "' where HolderName='" +
textBox2.Text +"'", con);
            sda.SelectCommand.ExecuteNonQuery();
            con.Close();
            MessageBox.Show("Successfully Add Credit Points");
        }
    }
}
```

CODING FOR ELECTRONIC SHOP STOCK FORM:

```
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.Data.SqlClient;

namespace SalesManagementSystem
{
    public partial class Electronic_Shop_Stock_Details : Form
    {
        public Electronic_Shop_Stock_Details()
        {
            InitializeComponent();
            list();
            liststock();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
        void list()
        {
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Electronic ;",
con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["ElectronicItem"].ToString());
                ItemName.Items.Add(name);
            }
        }
        void liststock()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Electronic ;",
con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["Stock"].ToString());
                StockQty.Items.Add(name);
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
```

```
                MessageBox.Show("Please Enter the Stock-Qty");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Electronic
set Stock=Stock+'" + textBox2.Text + "' where ElectronicItem='" +
textBox1.Text + "'", con);
                sda.SelectCommand.ExecuteNonQuery();
                MessageBox.Show("Successfully Added");
                con.Close();
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main M1 = new Main();
            M1.Show();
        }

        private void groupBox1_Enter(object sender, EventArgs e)
        {

        }
    }
}
```

CODING FOR BIKE SHOWROOM SHOP STOCK FORM:

```
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.Data.SqlClient;

namespace SalesManagementSystem
{
    public partial class Bike_Shop_Stock_Details : Form
    {
        public Bike_Shop_Stock_Details()
        {
            InitializeComponent();
            Model();
            Company();
            Color();
            Stock();
        }
```

```
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
        void Model()
        {
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Bike ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["VehicleModel"].ToString());
                VehicleModel.Items.Add(name);
            }
        }
        void Company()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Bike ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["BikeName"].ToString());
                VehicleCompany.Items.Add(name);
            }
        }
        void Color()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Bike ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["VehicleColor"].ToString());
                VehicleColor.Items.Add(name);
            }
        }
        void Stock()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Bike ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["Stock"].ToString());
                StockQty.Items.Add(name);
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
```

```
            {
                MessageBox.Show("Please Enter the Stock-Qty");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Bike set
Stock=Stock+'" + textBox2.Text + "' where BikeName='" + textBox1.Text + "'",
con);
                sda.SelectCommand.ExecuteNonQuery();
                MessageBox.Show("Successfully Added");
                con.Close();
            }
        }

        private void button2_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main M1 = new Main();
            M1.Show();
        }
    }
}
```

CODING FOR PETS SHOP STOCK FORM:

```
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.Data.SqlClient;

namespace SalesManagementSystem
{
    public partial class Pets_Shop_Stock_Details : Form
    {
        public Pets_Shop_Stock_Details()
        {
            InitializeComponent();
            Na();
            Color();
            Stock();
        }
        SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
        void Na()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
```

```
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Pets ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["PetName"].ToString());
                PetName.Items.Add(name);
            }
        }
        void Color()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Pets ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["PetColor"].ToString());
                PetColor.Items.Add(name);
            }
        }
        void Stock()
        {
            SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
            con.Open();
            SqlCommand cmd = new SqlCommand("select * from Pets ;", con);
            SqlDataReader sdr = cmd.ExecuteReader();
            while (sdr.Read())
            {
                string name = (sdr["Stock"].ToString());
                StockQty.Items.Add(name);
            }
        }

        private void button1_Click(object sender, EventArgs e)
        {
            if (textBox1.Text == "")
            {
                MessageBox.Show("Please Enter the Stock-Qty");
            }
            else
            {
                SqlConnection con = new SqlConnection(@"Data Source=HPX-
PC\SQLEXPRESS;Initial Catalog=my;Integrated Security=True");
                con.Open();
                SqlDataAdapter sda = new SqlDataAdapter("update Pets set
Stock=Stock+'" + textBox2.Text + "' where PetName='" + textBox1.Text + "'",
con);
                sda.SelectCommand.ExecuteNonQuery();
                MessageBox.Show("Successfully Added");
                con.Close();
            }
        }
```

```
        private void button2_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main M1 = new Main();
            M1.Show();
        }
    }
}
```

CODING FOR ITEM'S ORDER REPORT FORM:

```
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;

namespace SalesManagementSystem
{
    public partial class Item_Order_Details_Report : Form
    {
        public Item_Order_Details_Report()
        {
            InitializeComponent();
        }

        private void Item_Order_Details_Report_Load(object sender, EventArgs
e)
        {
            // TODO: This line of code loads data into the 'myDataSet.Sales'
table. You can move, or remove it, as needed.
            this.SalesTableAdapter.Fill(this.myDataSet.Sales);

            this.reportViewer1.RefreshReport();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main m1 = new Main();
            m1.Show();
        }
    }
}
```

CODING FOR BILL REPORT FORM:

```
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;

namespace SalesManagementSystem
{
    public partial class Bill_Report : Form
    {
        public Bill_Report()
        {
            InitializeComponent();
        }

        private void Bill_Report_Load(object sender, EventArgs e)
        {
            // TODO: This line of code loads data into the 'myDataSet1.Bill'
table. You can move, or remove it, as needed.
            this.BillTableAdapter.Fill(this.myDataSet1.Bill);

            this.reportViewer1.RefreshReport();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main m1 = new Main();
            m1.Show();
        }
    }
}
```

CODING FOR MEMBERSHIP CARD REPORT FORM :

```
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;

namespace SalesManagementSystem
{
    public partial class MembershipCard_Report : Form
    {
```

```
        public MembershipCard_Report()
        {
            InitializeComponent();
        }

        private void MembershipCard_Report_Load(object sender, EventArgs e)
        {
            // TODO: This line of code loads data into the
'myDataSet2.MembershipCard' table. You can move, or remove it, as needed.

this.MembershipCardTableAdapter.Fill(this.myDataSet2.MembershipCard);
            this.reportViewer1.RefreshReport();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            this.Hide();
            Main m1 = new Main();
            m1.Show();
        }
    }
}
```

TESTING

11.TESTING

INTRODUCTION:

Testing is major quality control measure used during software development.

After the coding phase computer program is available that can be executed for testing purposes. Testing is not only has to uncover errors introduced during the previous phases. Thus the goal of testing is to uncover requirements, design & coding errors in programs.

UNIT TESTING:

The starting point of testing is Unit Testing. In this each module is tested separately & is often performed by the coder himself simultaneously along with the coding of the module. After this modules are gradually integrated into subsystems, which are then interacted to eventually from the entire system.

INTEGRATION TESTING:

During integration of modules, integration testing is performed to detect design errors by focusing on the inter connection between the modules.

SYSTEM TESTING:

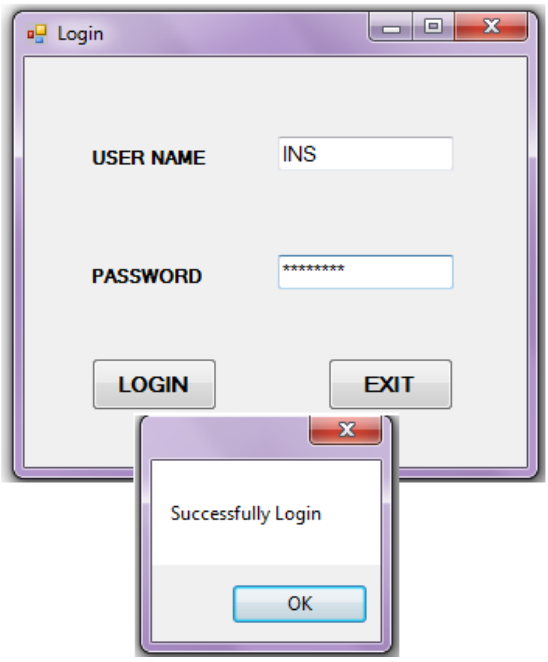
After system is put together, system testing is performed. Here the system was tested against the system requirements to see all the requirements are met and if the system programs are specified by the requirements.

Finally acceptance testing was performed to demonstrate to the client, on real life data of the client, the operation of the system.

SCREENS

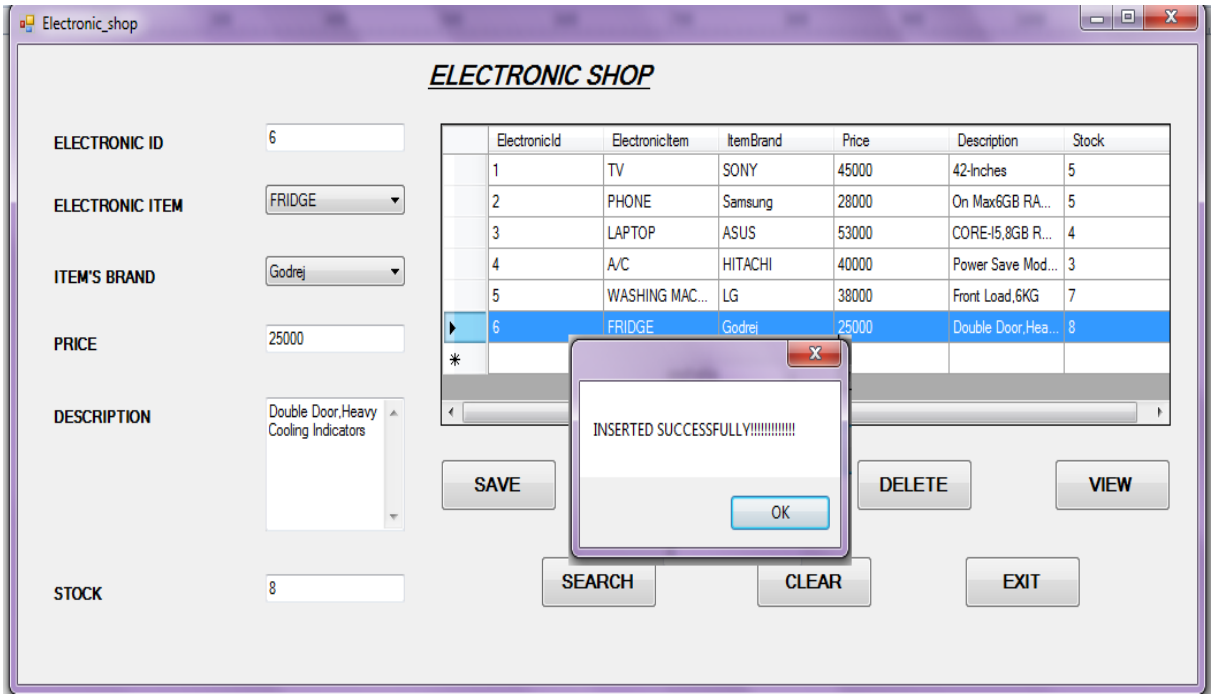
12. SCREENS

1.LOGIN FORM:

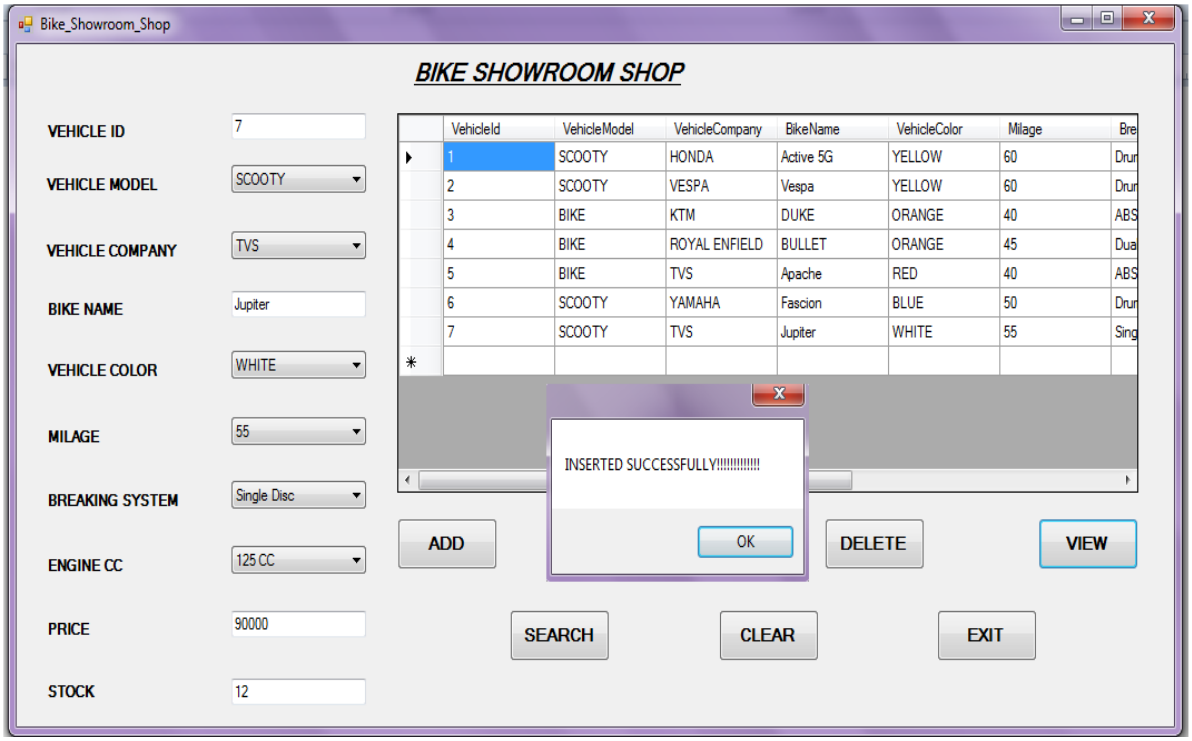


2. MAIN FORM:

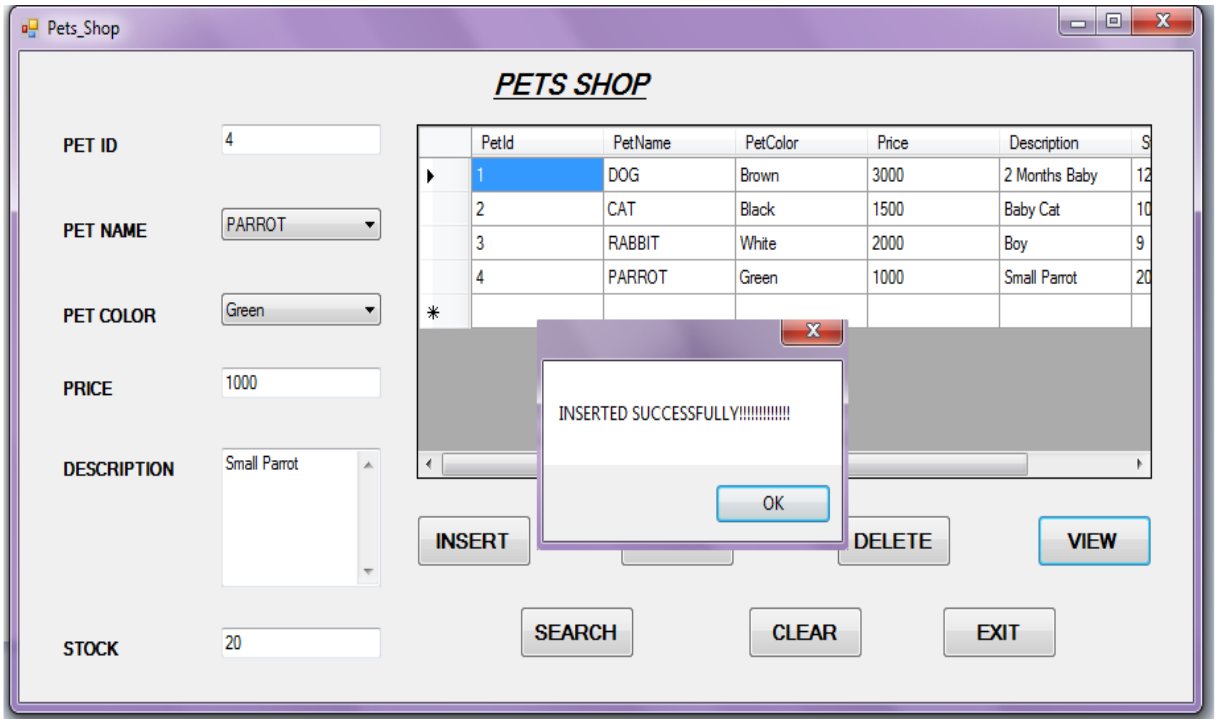
3.ELECTRONIC SHOP FORM:



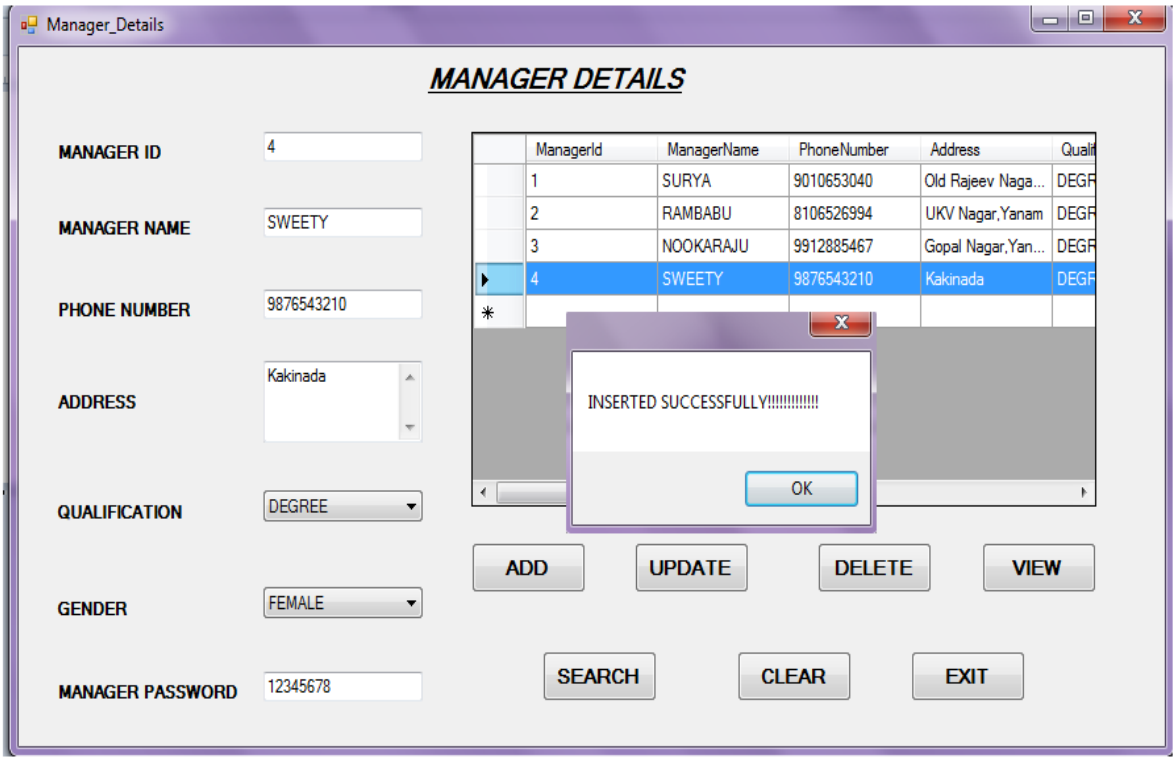
4.BIKE SHOWROOM SHOP FORM:



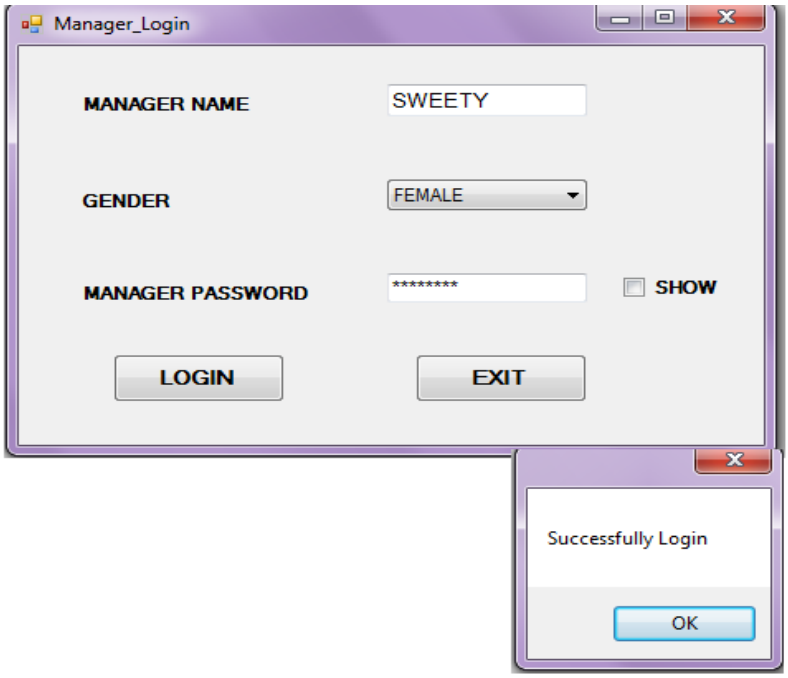
5. PETS SHOP FORM:



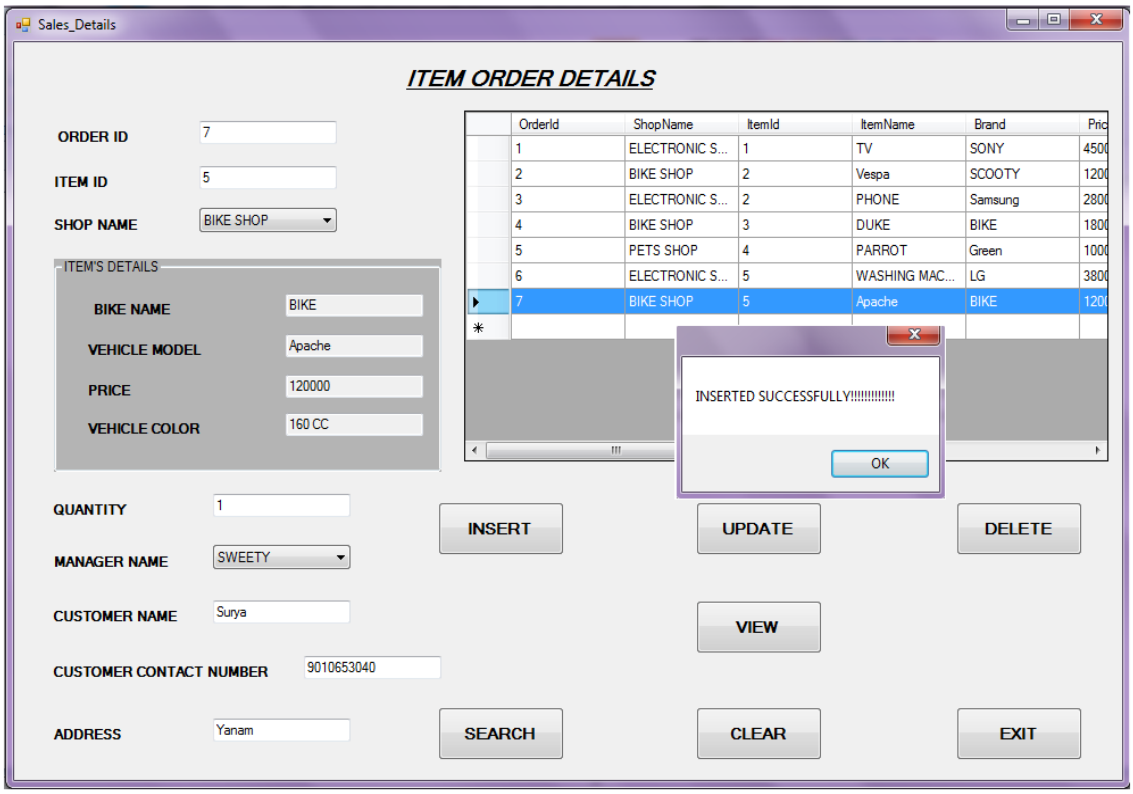
6.MANAGER DETAILS FORM:



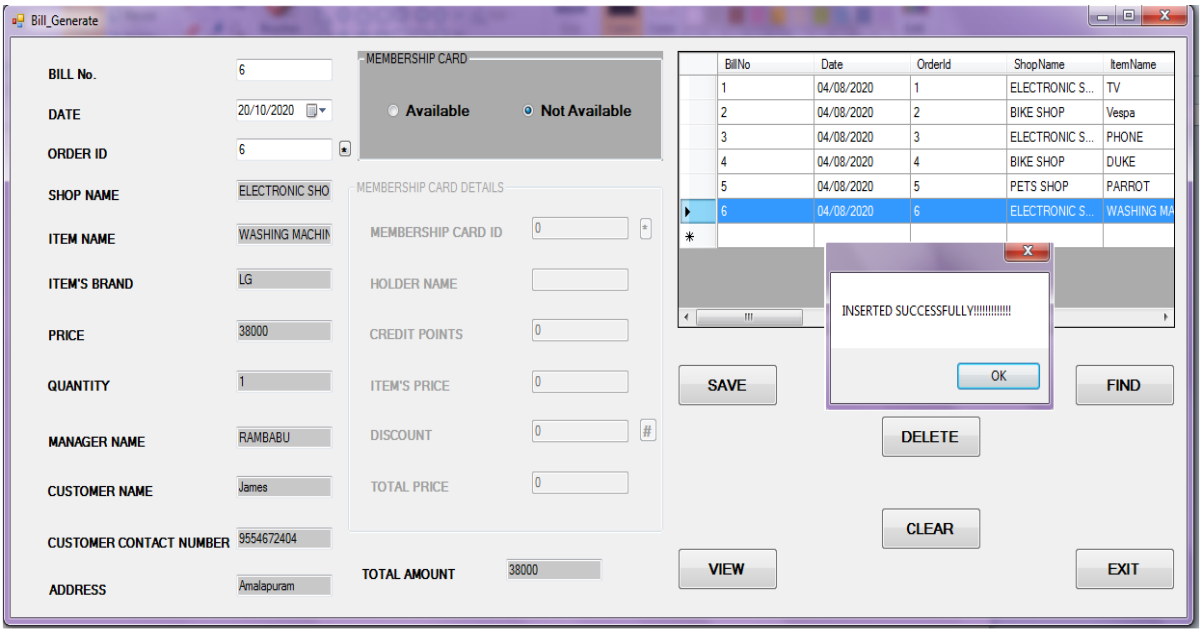
7. MANAGER LOGIN FORM:



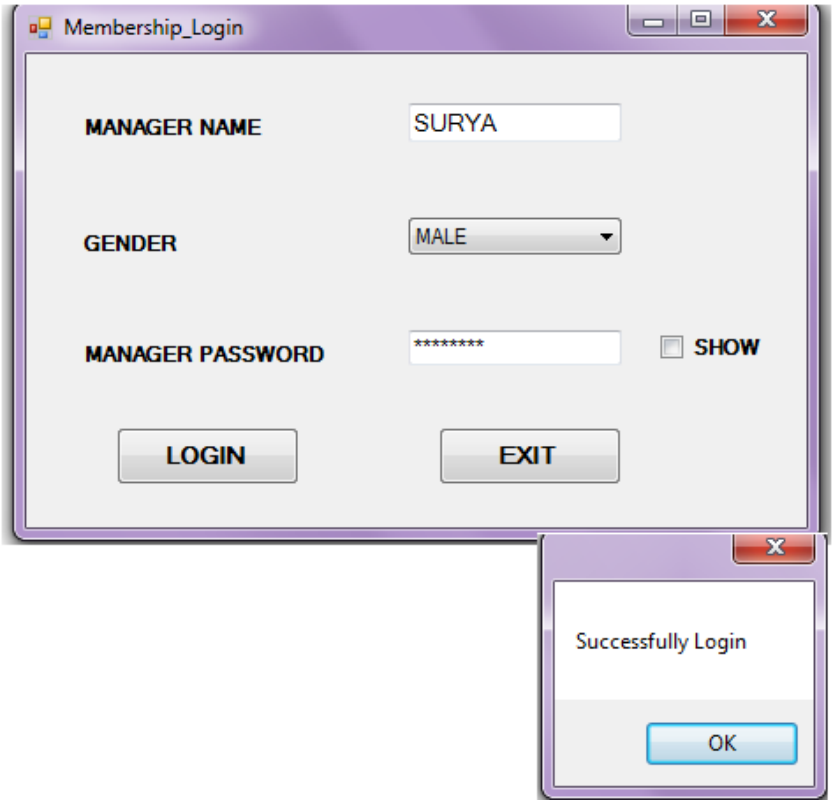
8. ITEM ORDER DETAILS FORM:



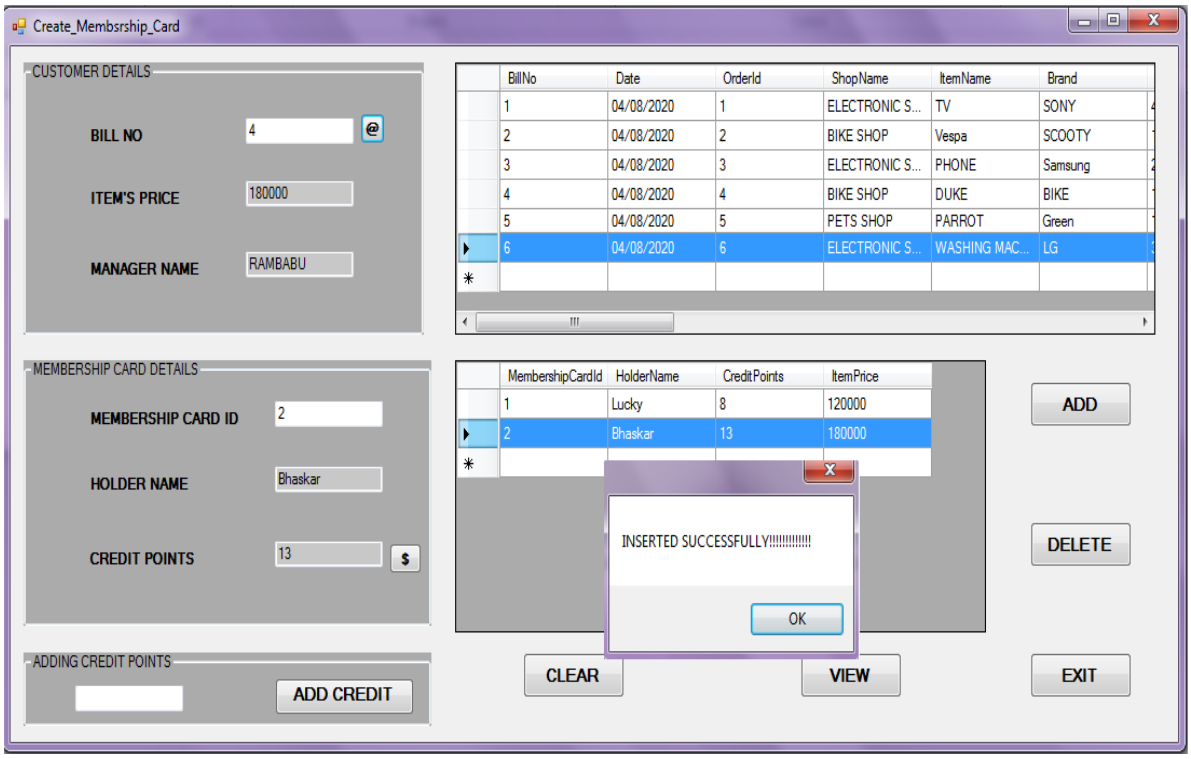
9. BILL GENERATE FORM:



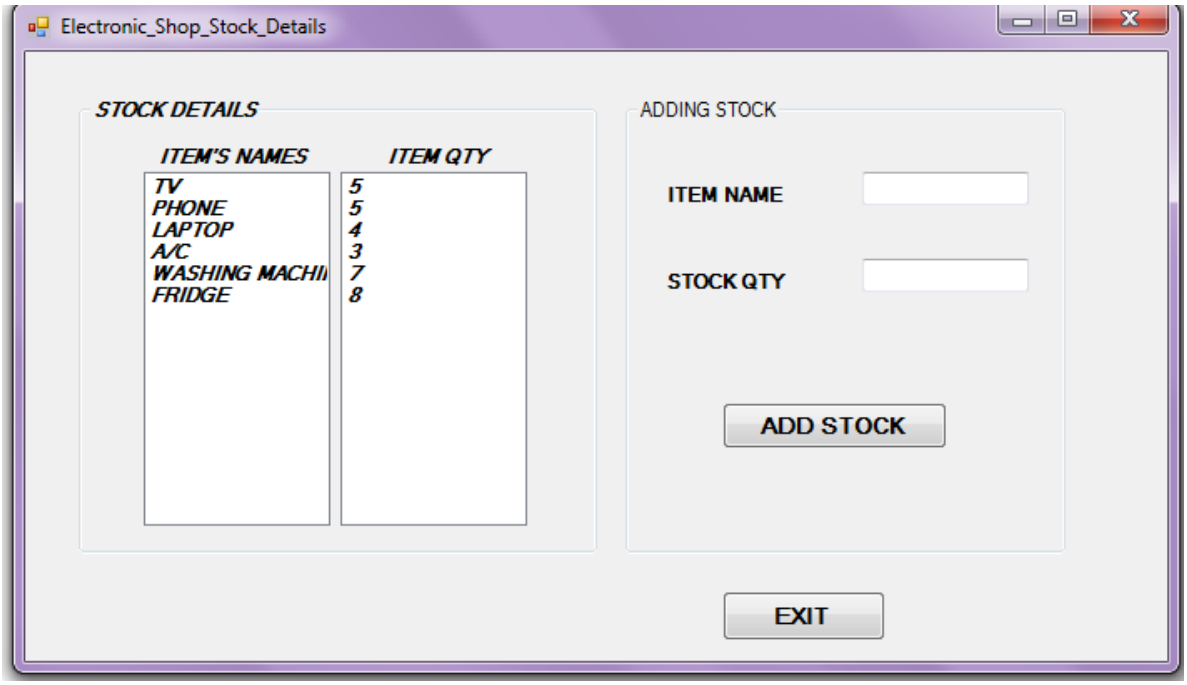
10. MEMBERSHIP-LOGIN FORM:



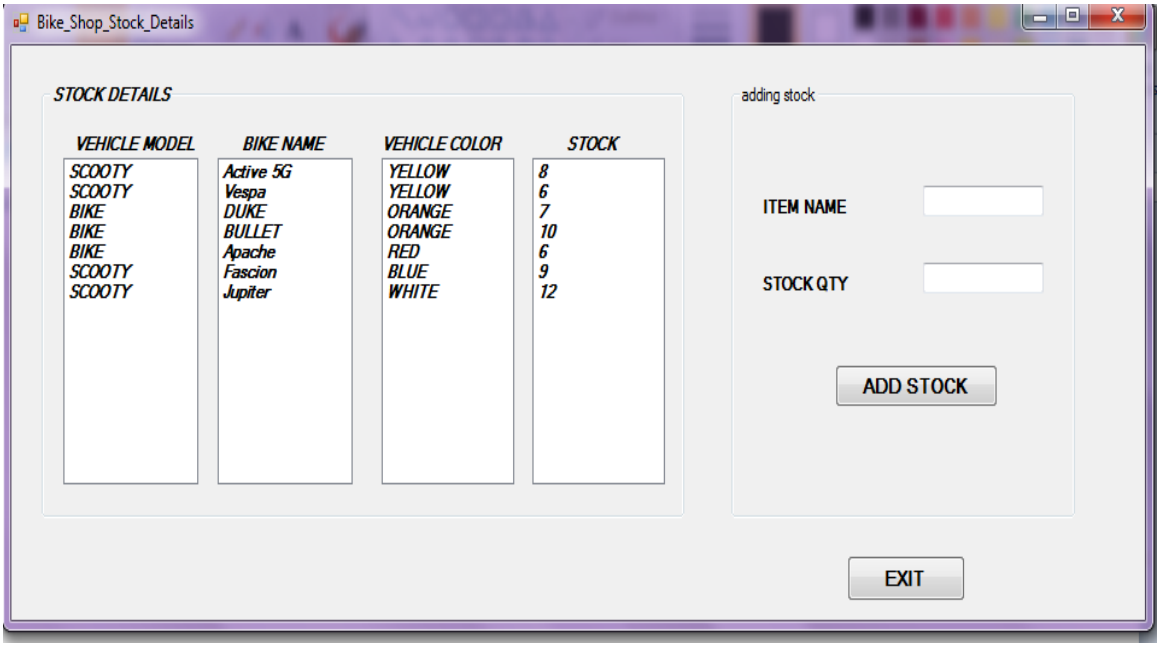
11. CREATE MEMBERSHIP CARD FORM:



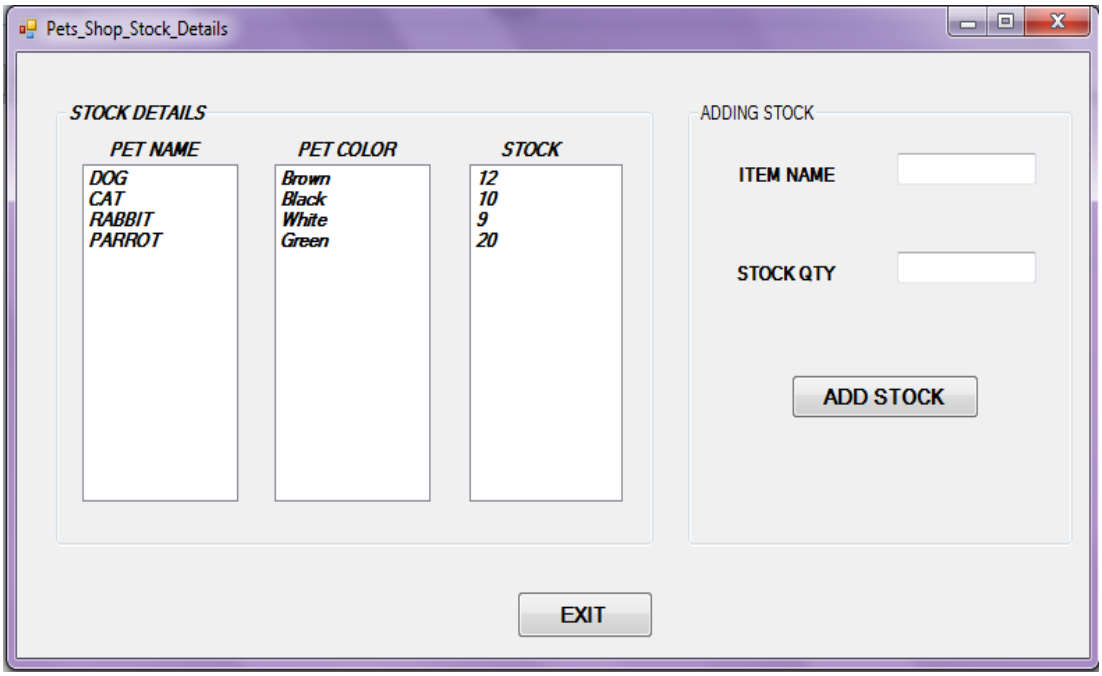
12.ELECTRONIC SHOP STOCK DETAILS FORM:



13. BIKE SHOP STOCK DETAILS FORM:

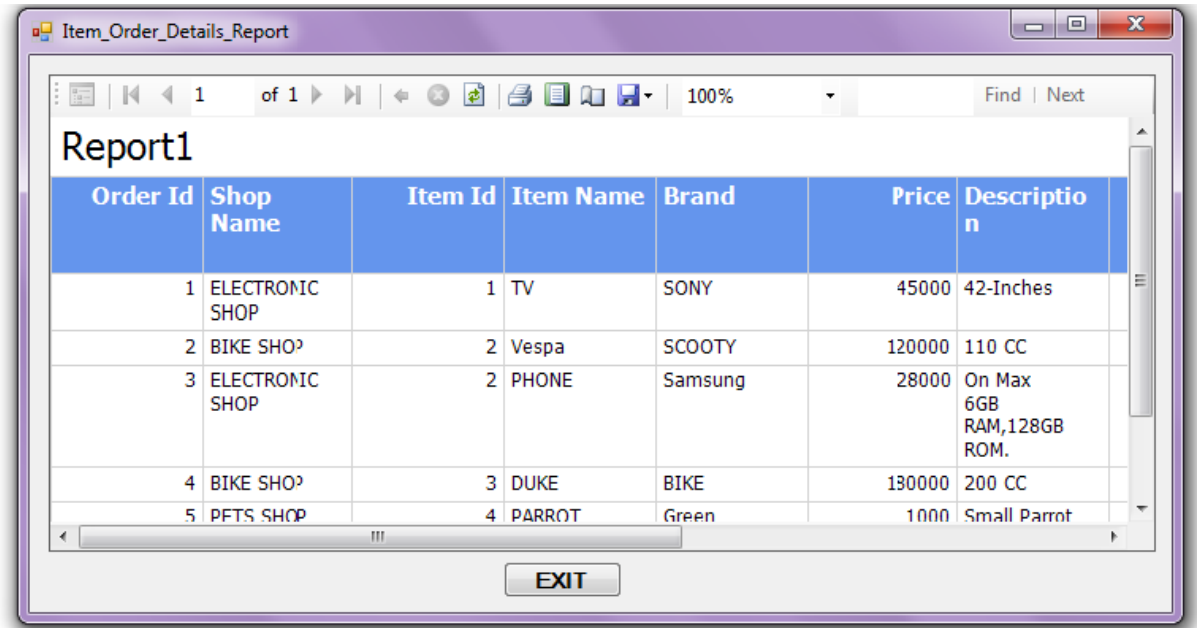


14. PETS SHOP STOCK DETAILS FORM:

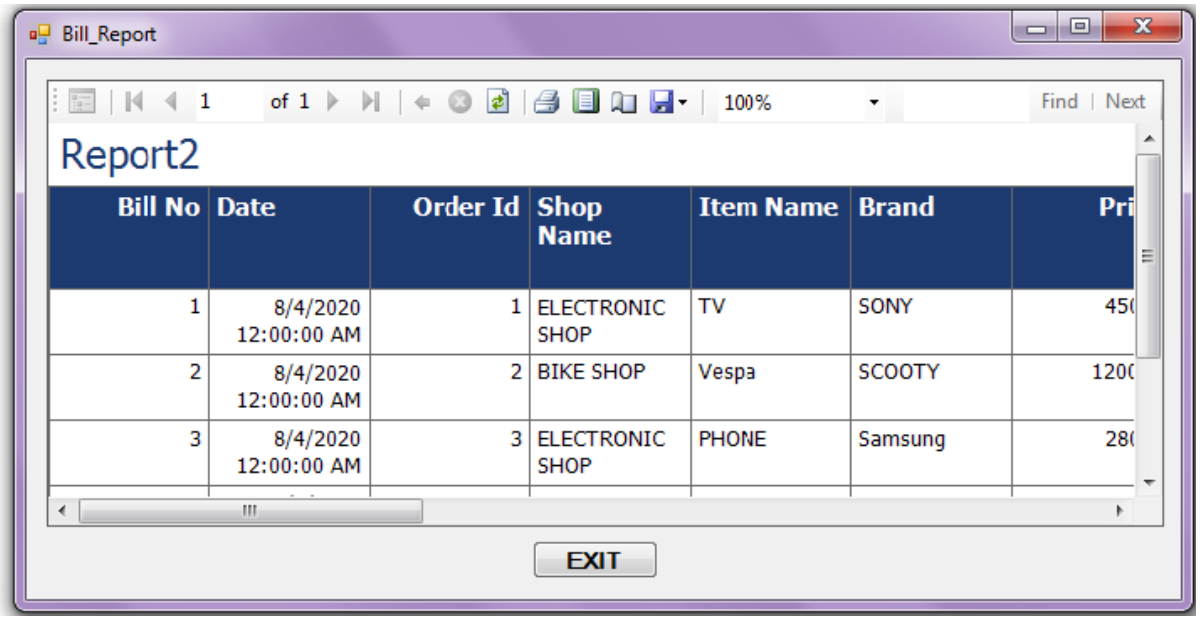


REPORTS

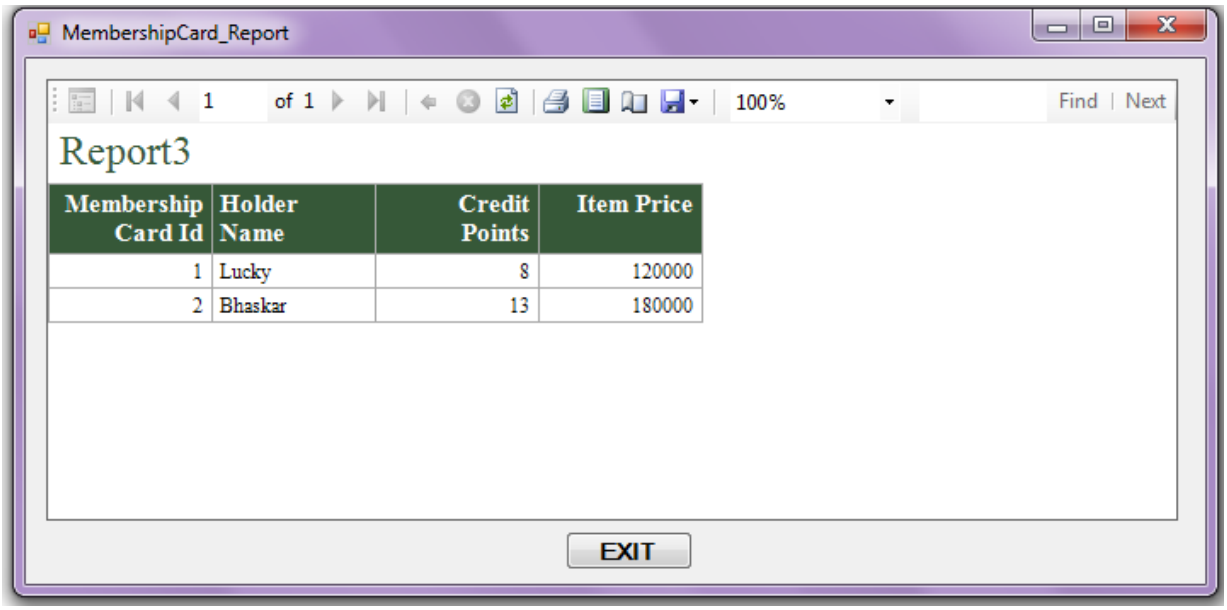
1. ITEM ORDER DETAILS REPORT:



2. BILL REPORT:



3. MEMBERSHIP CARD REPORT:



CONCLUSION

14.CONCLUSION

The system "**Sales Management System**" deals with purchase and sales processing of different Shops. This system has been developed to satisfy all the proposed requirements. The process of recording details about item, order, billing and customers is more simple and easy. The system reduces the possibility of errors to a great extent and maintains the data in an efficient manner. User friendliness is the unique feature of this system. The system generates the reports as and when required. The system is highly interactive and flexible for further enhancement.

The coding is done in a simplified and easy to understandable manner so that other team trying to enhance the project can do so without facing much difficulty. The documentation will also assist in the process as it has also been carried out in a simplified and concise way.

FUTURE ENHANCEMENT

15.FUTURE ENHANCEMENT

This system is developed such a way that additional enhancement can be done without much difficulty. The renovation of the project would increase the flexibility of the system. Also the features are provided in such a way that the system can also be made better and efficient functionality.

The program were coded in an easier and more structured manner so that may further modifications may be incorporated easily. The processing time in this system is very lesser compared to existing system. This system has good flexibility of accommodating any more changes that might arise in the future also.

In this system, data integrity is maintained and data redundancy is avoided and it increase system efficiency. The database is designed in such a way that it will be also helpful for enhancement of the system.

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16.BIBILOGRAPHY

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