

ACKNOWLEDGEMENT

First of all we would like to thank to Mr. Pasan Weththasinghe for giving us this valuable opportunity to do software as our final project in ESOF and giving guidance and his fullest support to do this successfully. Not only that but also our special regrets is going to staff of the Galle ESOF Metro Campus for providing necessary things to make this project successful.

Without a team, this wouldn't be happen. So we proudly and respectively remember our group members who gave their valuable time, ideas, support and suggestions related to this project proposal to complete this in highest level. At last we would like to give our special regrets to the persons who help us to make this project a reality.

CONTEXT

| | |
|---------------------------------|---------|
| 1. Team Members | |
| 2. System Analysis..... | Page 04 |
| 2.1.Introduction | |
| 2.2.Analyst’s Report | |
| 2.3.Obstacles | |
| 2.4.System Requirements | |
| 2.5.Current System Fails | |
| 3. System Designing..... | Page 10 |
| 3.1.Use Case Diagram | |
| 3.2.Entity Relationship Diagram | |
| 3.3.Class Diagram | |
| 3.4.Data Set | |
| 4. System Development..... | Page 19 |
| 4.1.Form 01..... | Page 20 |
| 4.1.1. Property Settings | |
| 4.1.2. Code Snippets | |
| 4.2.Form 02..... | Page 26 |
| 4.2.1. Property Settings | |
| 4.2.2. Code Snippets | |
| 4.3.Form 03..... | Page 33 |
| 4.3.1. Property Settings | |
| 4.3.2. Code Snippets | |
| 4.4.Class DB-connection..... | Page 47 |
| 4.5.Form 04..... | Page 48 |
| 4.5.1. Property Settings | |
| 4.5.2. Code Snippets | |
| 4.6.Form 05..... | Page 57 |
| 4.6.1. Property Settings | |
| 4.6.2. Code Snippets | |
| 5. References | |
| 6. Special Thanks | |

TEAM MEMBERS

| | | |
|-----------------------------|----------|-------------------|
| 1. G.A. Vishwa Danajaya | (7705) | Analyser |
| 2. T.H. Tashini Gavishki | (7519) | Analysar |
| 3. L.A.M. Nadun Udaraka | (7816) | Programmer/Leader |
| 4. K.M.L. Uditha Sampath | (7750) | Programmer |
| 5. K.A. Hashan Lakshitha | (7599) | Programmer |
| 6. K.T. Imalsha Hansani | (7866) | Programmer |
| 7. G.H.K. Ruchira Sewmini | (7697) | Designer |
| 8. I.P. Kasunika Lakshani | (7766) | Designer |
| 9. Hashini Bagya | () | Designer |
| 10.A.P. Chamudi Hansika | (7467) | Designer |
| 11.K.L. Sandali Nanayakkara | () | Tester |
| 12.U.M.G. Sachin Nilushan | () | Tester |
| 13.Kushani Sahara | (7615) | Tester |

SYSTEM ANALYSIS

INTRODUCTION

In Sri Lanka normally there is a good demand for cakes as sweets and in Sri Lanka. Cake shops the do their business in manual system. But to the modern society that thing is not good. Therefore it's very important to promote this kind of a field in our country. And then we mind planned to make a software system for promoting the automated cake ordering and purchase system. Then the software that we design for the "Amazing Cake Factory" We collected the information that we need by using site visiting questionnaire and interview method called three system analyzing methods.

ANALYSTS REPORT

CUSTOMER VIEWS

“I am an owner of a sweets shop. There are many kinds of cakes and sweets in my shop. Such as chocolate cake, butter cake, ribbon cake, birthday cakes, including all the types of cakes and sweets and also we take orders from our customers.

I need a software system to handle the process of cake orders in my shop in the near future for that I need a system which is suitable for me and also to customers. As an example the system should have the facility to take the direct orders from customers what they desire to buy or order making the process quickly in a short period of time themselves.

The system needs to be consists of a databases that can be updated each and every day. I need to enter the type of ingredients, the amount of the ingredients and the price of the cakes. I should be able to watch the orders from the customers.

Make me a new software that is user friendly for me and my customers and also it has to be with all above facilities that is suitable for the purposes of my shop.”

Tashini Gavishiki,

The customer.

ANALYSTS COMMENTS

As shown in above we should make a software to manage the activities of her cake shop. I will briefly tell what I got from the survey.

- ✓ Maintain user friendly colours and appearance.
- ✓ Easy to understand the environment.
- ✓ Introduce self-service and databases.
- ✓ Cake details, orders list, payment info, customer info, bill info and customer list should be store.
- ✓ Customer may have the chance to select cake according to their desires.
- ✓ In cake details there should be butter cake, chocolate cake, cup-cake, birthday cake and wedding cake etc.

I need these facilities and the report is approved.

.....
Tashini Gavishiki

OBSTACLES

- ✓ Everyone is following this course part time.
- ✓ Almost all the members don't have much time to dedicate for this project.
- ✓ Different members have different skills we have to recognize them.
- ✓ Some have theory knowledge but they cannot apply it in to practical life.
- ✓ Everyone in this group is an amateur to Software field.
- ✓ Some don't get the message.
- ✓ Some do not communicate well enough other members in the group.
- ✓ Everyone don't have a computer.
- ✓ Even though they have a computer they do not possess enough knowledge.
- ✓ Even though they have a computer they do not possess enough time.
- ✓ Even though they have a computer they do not meet the minimum requirements to develop a software.
- ✓ Everyone can't participate in meetings.
- ✓ Emergency Situation happened in country have Interfered us
- ✓ Some Don't like Team Work

- Now we all overcome all these obstacles and now we were able to end this project successfully.

.....

Nadun Udaraka

The Group leader

CURRENT SYSTEM FAILS

In that cake shop they did not have a particular to ordering and purchasing. They did that by manual process. It's too difficult thing for the owner as well as to the customer.

In that previous system the advantages were zero percentage for the both parties. There are many disadvantages. When using that old system. Some of the problematic areas were.

1. Waste of the time.
2. Manual calculating method.
3. Less effectiveness.
4. Customers dis-satisfaction
5. Monthly profit be decrease because of unnecessary things etc.

SYSTEM REQUIREMENTS

A. TO DEVELOP SOFTWARE

a) Software

1. Visual Studio
2. Windows 8 or higher
3. Microsoft SQL server
4. Adobe Photoshop / IcoFx

b) Hardware

- ✓ Laptop or Desktop With
(Any CPU/4GB Ram/2GB
VGA/60GB Hard Disk space)

B. TO RUN SOFTWARE

a) Software

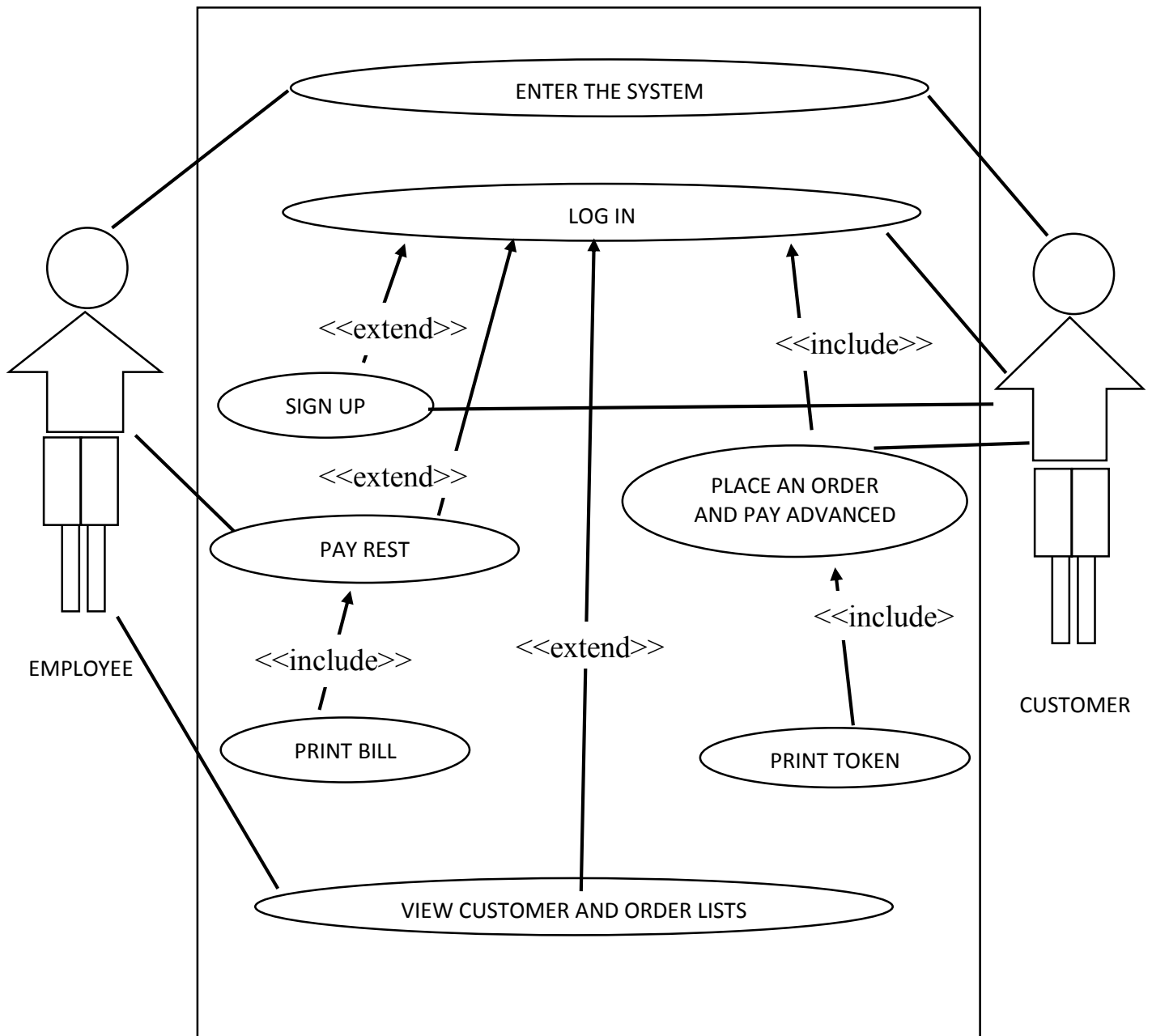
1. Windows7 Or higher
2. Microsoft.Net framework
3. Video Drivers

b) Hardware

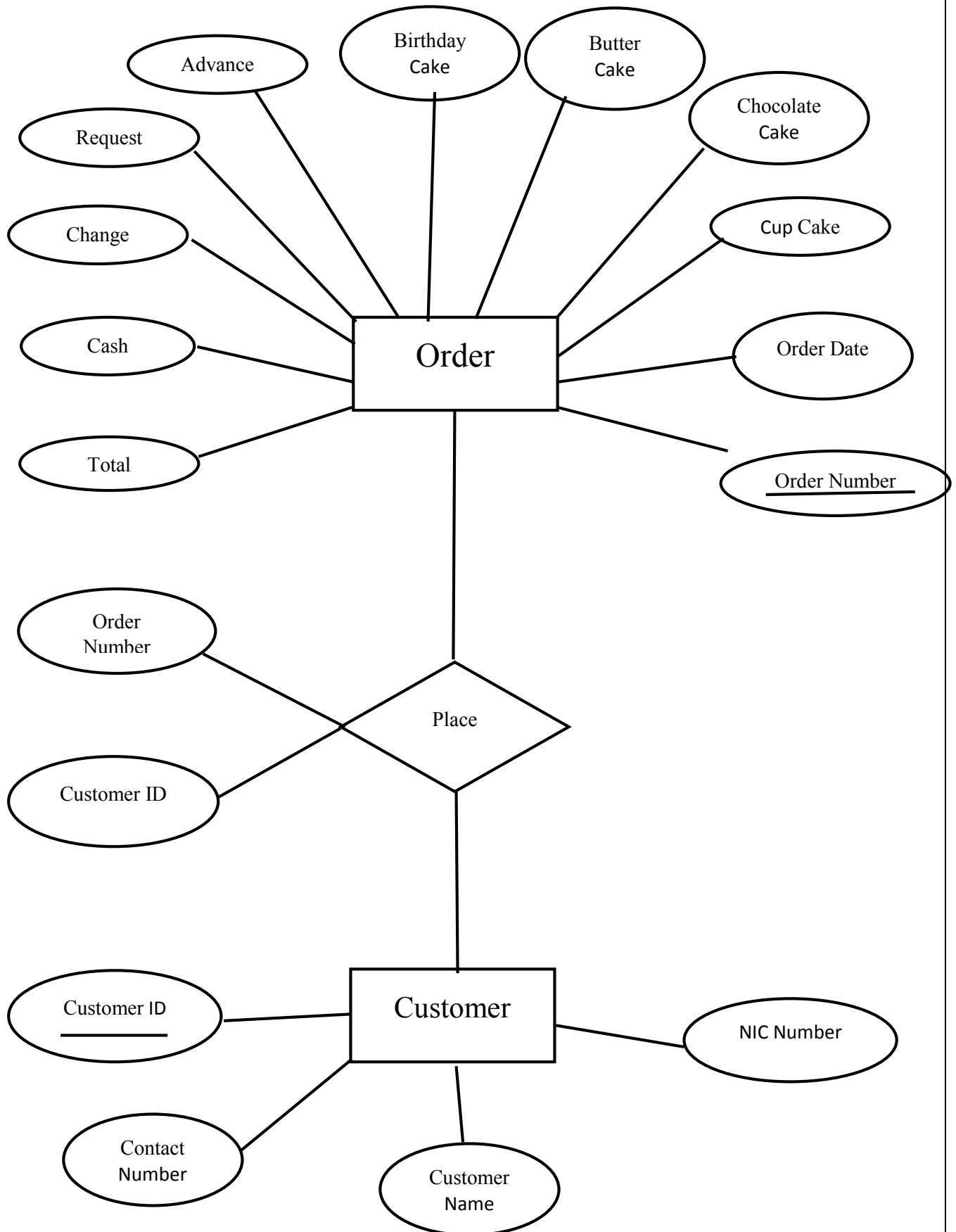
- ✓ Desktop or Laptop (Any CPU/2GB RAM/1GB VGA/10GB Hard Disk Space)

SYSTEM DESIGNING

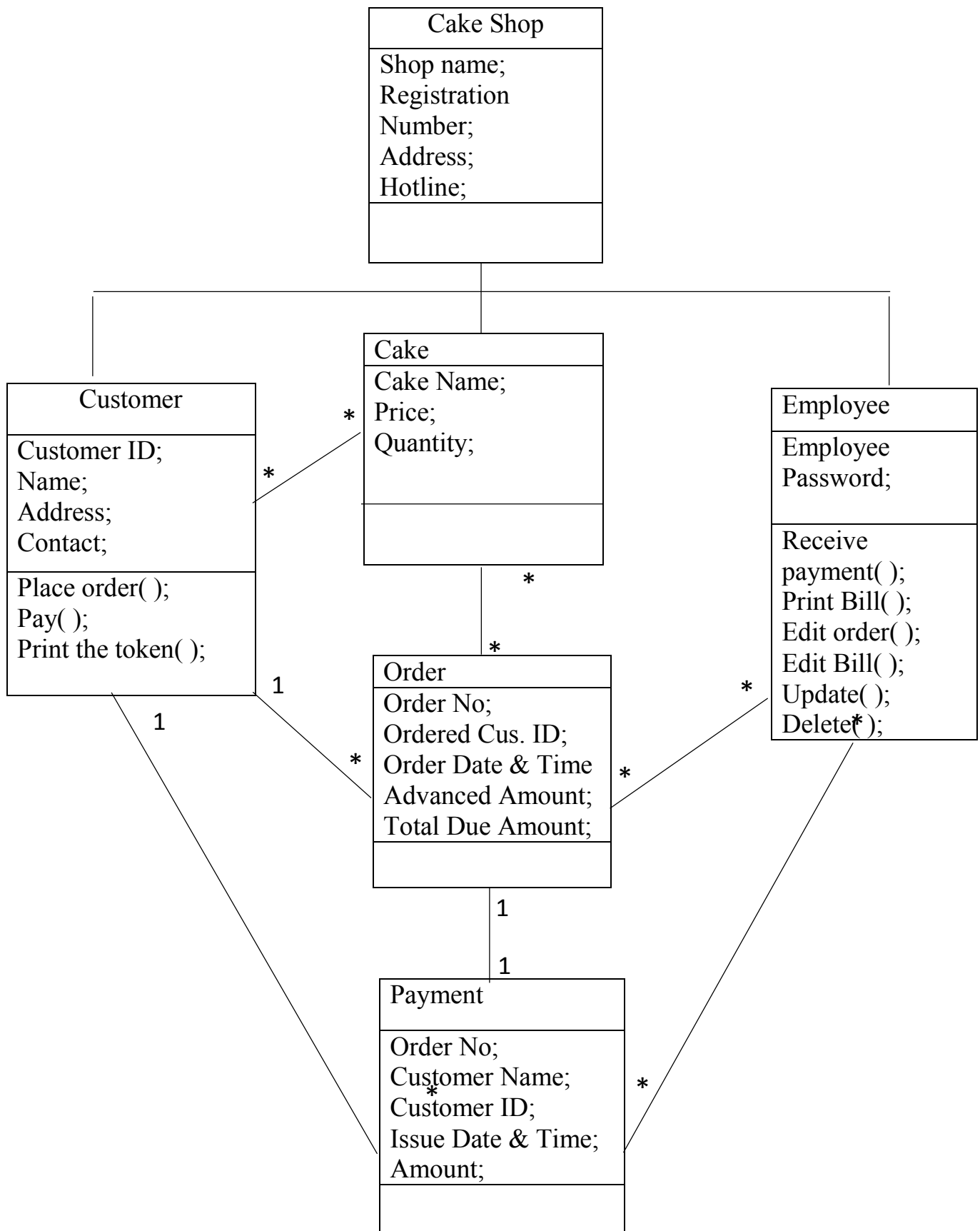
USECASE DIAGRAM



ENTITY RELATIONSHIP DIAGRAM



CLASS DIAGRAM



DATA SET

FK_customer_olist

| customer |
|---|
| customerID |
| nicnumber |
| customername |
| contactnumber |
| customerTableAdapter |
| SQL Fill,GetData () |
| SQL DeleteQuery (@Original_customerID) |
| SQL UpdateQuery (@nicnumber, @customername, ... |

| olist |
|--|
| onum |
| cusID |
| ddate |
| odate |
| cup |
| choco |
| butter |
| birth |
| tot |
| adv |
| cash |
| change |
| olistTableAdapter |
| SQL Fill,GetData () |
| SQL DeleteQuery (@Original_onum, @Original_cusID,... |
| SQL UpdateQuery (@onum, @tot, @adv, @cash, @ch... |

olist - Table

| Column Name | Data Type | Allow Nulls |
|-------------|---------------|-------------------------------------|
| onum | Varchar(50) | <input type="checkbox"/> |
| cudID | Varchar(50) | <input type="checkbox"/> |
| ddate | Varchar(50) | <input checked="" type="checkbox"/> |
| odate | Varchar(50) | <input checked="" type="checkbox"/> |
| cup | Varchar(50) | <input checked="" type="checkbox"/> |
| choco | Varchar(50) | <input checked="" type="checkbox"/> |
| birth | Varchar(50) | <input checked="" type="checkbox"/> |
| butter | Varchar(50) | <input checked="" type="checkbox"/> |
| tot | Varchar(50) | <input type="checkbox"/> |
| cash | Varchar(50) | <input checked="" type="checkbox"/> |
| change | Varchar(50) | <input checked="" type="checkbox"/> |
| req | Varchar(1000) | <input checked="" type="checkbox"/> |
| adv | Varchar(50) | <input checked="" type="checkbox"/> |

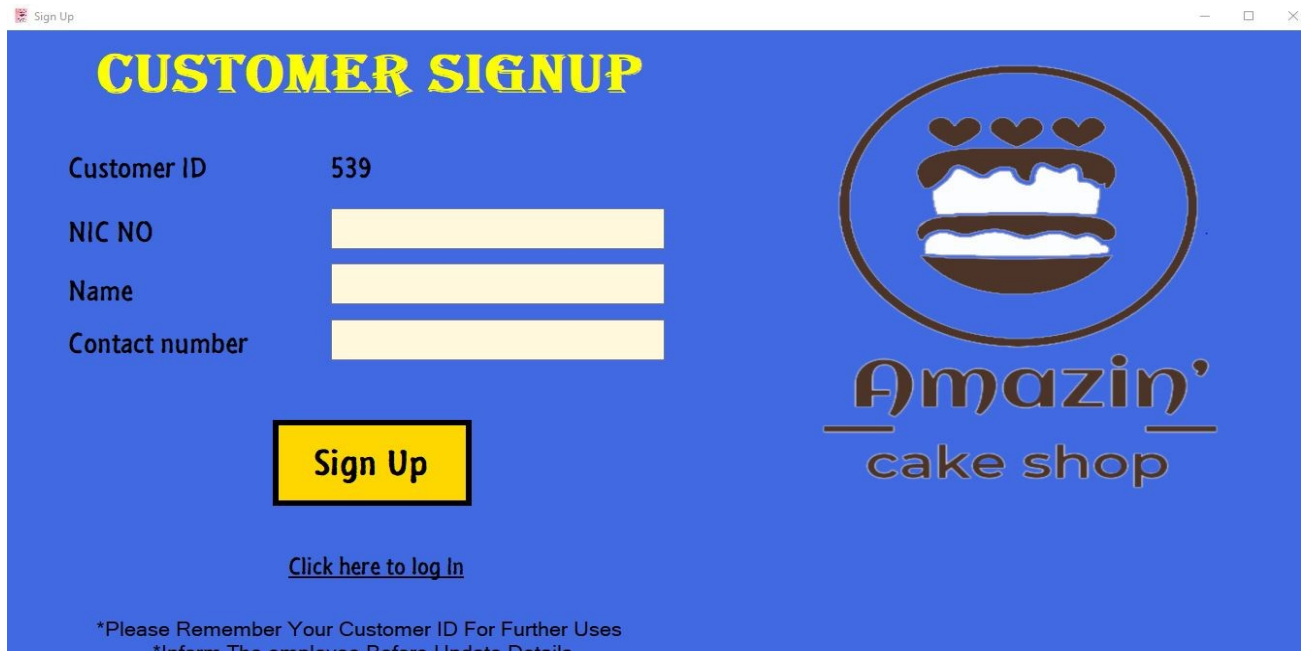
Customer – Table

| Column Name | Data Type | Allow Nulls |
|---------------|-------------|-------------------------------------|
| customerID | Varchar(6) | <input type="checkbox"/> |
| nicnumber | Varchar(10) | <input checked="" type="checkbox"/> |
| customername | Varchar(50) | <input type="checkbox"/> |
| contactnumber | Varchar(10) | <input type="checkbox"/> |

****Most of these inputs are automatically system generated.

GUI DESIGN

FORM 01



Sign Up

CUSTOMER SIGNUP

Customer ID 539

NIC NO


Name

Contact number

Sign Up

[Click here to log In](#)

*Please Remember Your Customer ID For Further Uses
*Inform The employees Before Update Details



Amazon'
cake shop

FORM 02



Input your Customer ID

Log in

[Click Here To Sign Up](#)



Amazon'
cake shop

[Back to Home](#)

EMPLOYEE LOGIN

Enter Password Here

[Print Bill](#) [Click Here to View Order List](#)

FORM 03

Order

Customer ID :

Order Date : 03 May 2019

Total Amount : Rs. 0

Order Number : 2750

Due Advanced : Rs. 0

<Select Cakes>

☐ Cup Cake

☐ Chocolate Cake

☐ Butter Cake

☐ Birthday Cake

<Enter Qty>

0 Pieces

0 Kg

0 Kg

0 Kg

<Amount>

Rs. 0

Rs. 0

Rs. 0

Rs. 0

Paying Advance: Rs.

Delivery Date : 03/05/2019

< Special Requests >

Place Order

After Placing an Order It can't be canceled

Cancel

FORM 04

Bill

Time 22:07:36

Date 01/05/2019

Order Number : 4252

Search


Go To Order List

Advance : Rs. 900

Cash Received : Rs.

Total Amount : Rs. 5060

Balance Paid : Rs.



Amazin' cake shop

Customer ID : 810

Name :

Contact :

NIC number :

Update Bill

Print Bill

Search

Back

FORM 05

Order List

ORDERS

| | onum | cusID | ddate | odate | cup | choco | butter | birth | tot | adv | cash | change | req |
|---|------|------------|------------|---------------|-----|-------|--------|-------|-------|-------|------|--------|------|
| ▶ | 1120 | 001 | 25/04/2019 | 23/04/2019 | 5 | 3 | 3 | 5 | 2850 | 10000 | 6000 | 0000 | 1000 |
| | 1466 | 832 | 03/05/2019 | 01 May 2019 | 6 | 7 | 4 | 2 | 3130 | 2000 | | | |
| | 150 | 001 | 12 | 13 | 1 | 1 | 1 | 1 | 760 | 320 | 100 | 240 | NO |
| | 1641 | 255 | 30/04/2019 | 26/04/2019 | 0 | 0 | 6 | 45 | 14400 | 7200 | | | |
| | 2626 | 831 | 01/05/2019 | 30 April 2019 | 7 | 3 | 8 | 6 | 3960 | 800 | | | |
| | 371 | 960401638V | 26/04/2019 | 23/04/2019 | 0 | 5 | 0 | 0 | 1250 | 625 | | | |
| | 4252 | 810 | 11/05/2019 | 01 May 2019 | 07 | 8 | 7 | 6 | 5060 | 900 | | | |
| | 430 | 775 | 03/05/2019 | 01 May 2019 | 6 | 5 | 6 | 7 | 4430 | 3000 | | | |
| | 459 | 997710541 | 29/04/2019 | 29 April 2019 | 10 | 2 | 0 | 0 | 800 | 500 | | | |
| | 5651 | 001 | 25/04/2019 | 25/04/2019 | 5 | 45 | 15 | 10 | 14400 | 7200 | | | |
| | 6178 | 001 | 25/04/2019 | 23/04/2019 | 12 | 0 | 0 | 45 | 13860 | 6930 | | | |
| | 633 | 63 | 02/05/2019 | 30 April 2019 | 8 | 5 | 9 | 5 | 4340 | 1000 | | | |
| | 6813 | 001 | 25/04/2019 | 23/04/2019 | 0 | 0 | 0 | 5 | 1500 | 750 | | | |
| | 7043 | 960401638V | 29/04/2019 | 28/04/2019 | 10 | 0 | 0 | 0 | 300 | 150 | 200 | 050 | |
| | 71 | 20 | 30/04/2019 | 29 April 2019 | 10 | 20 | 0 | 0 | 5300 | 3000 | 3000 | 0000 | |
| | 7257 | 001 | 28/04/2019 | 25/04/2019 | 5 | 0 | 0 | 200 | 60150 | 30075 | | | |

CUSTOMERS

| | customerID | nicnumber | customername | contactnumber |
|---|------------|------------|---------------|---------------|
| ▶ | 11 | 876543212V | SAHAN | 0776543870 |
| | 132 | 960401638V | Nadun Udaraka | 0716336788 |
| | 192 | 954224535v | saranga | 0756883402 |
| | 20 | 961291550v | sachin | 0778076031 |
| | 262 | 689765432V | RATHNA | 0786543218 |
| | 302 | 987654324V | TSDFG | 0987654334 |
| | 550 | 80000 | GALLE | 091 |
| | 63 | 87654321v | lakshan | 0915678900 |
| | 641 | 95072735v | Hashan | 0774185989 |
| | 696 | 997710541 | sewmini | 0773091145 |
| | 720 | 765432109v | taniya | 0789876566 |
| | 722 | 765433556V | YTTRRR | 7654328900 |
| | 775 | 768908765V | VASANA | 0789765477 |
| | 776 | 991881298v | viashwa | 0714221175 |
| | 806 | 961291550v | sachin | 0778076031 |
| | 810 | 765432178V | HGFDS | 0987654332 |

ORDER NUMBER

CUSTOMER ID

Go Back

Delete

Delete

1. Resolution
1366*768

2. Theme Colour
Royal Blue

3. Other Colours
White, Black, Red, Yellow, Green,

4. Fonts
Segoe Marker, Times New Roman, Algerian, Arial Rounded MT bold, Modern 20, Broadway, Microsoft Sans Serif

SYSTEM DEVELOPMENT

Sign Up

CUSTOMER SIGNUP

Customer ID

539

NIC NO

Name


Contact number

Sign Up

[Click here to log In](#)

*Please Remember Your Customer ID For Further Uses

*Inform The employee Before Update Details



Amazin'

cake shop

20 | Page

PROPERTY SETTINGS

FORM 01

Name frmsignup
Text Sign Up

LABEL 1

Name lblcid
Text Customer ID

LABEL 2

Name lblnic
Text NIC No

LABEL 3

Name lblcusname
Text Name

LABEL 4

Name lblcontact
Text Contact Number

LABEL 5

Name lblloginS
Text Click Here To Login

LABEL 6

Name label1
Text Please Remember ID

TEXT BOX 1

Name txtcusID

TEXT BOX 2

Name txtnic

TEXT BOX 3

Name txtname

TEXT BOX 4

Name txtcontactnumber

BUTTON 1

Name btnsignup
Text Sign Up

PICTURE BOX 1

Name picturebox8
Image Logo

CODE SNIPPETS

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace CakeFactory
{
    public partial class frmsignup : Form
    {
        SqlConnection conn = new SqlConnection(@"Data Source=DESKTOP-QPJ0806\\SQLEXPRESS;Initial
Catalog=CakeShop;Integrated Security=True");

        public frmsignup()
        {
            InitializeComponent();
        }

        private void signup_Load(object sender, EventArgs e)
        {
            try
            {
            }
            finally
            {
                Random generator = new Random();
                int r = generator.Next(1, 1000);
                txtcusID.Text = r.ToString();
            }
        }

        private void lblloginS_Click(object sender, EventArgs e)
        {
            frmlog frmlogin = new frmlog();
            this.Hide();
            frmlogin.Show();
        }

        private void operationClick(object sender, EventArgs e)
        {
            try
            {
                Dbconnection obj = new Dbconnection();
                obj.Conn.ConnectionString = obj.Sqlds;
                obj.Conn.Open();

                string InsertData = "insert into customer values('" + txtcusID.Text + "','" +
txtnic.Text + "','" + txtname.Text + "','" + txtcontactnumber.Text + "')";
                obj.Cmd.Connection = obj.Conn;
                obj.Cmd.CommandText = InsertData;
                obj.Cmd.ExecuteNonQuery();
                MessageBox.Show("save succeed!");
            }
            catch { }
        }
    }
}
```

```

    }
    catch
    {
        MessageBox.Show("Invalid Details");
    }
}

private void btnup_Click(object sender, EventArgs e)
{
    try
    {
        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();

        string InsertData = "update customer Set  customerID='" + txtcusID.Text +
        "',nicnumber = '" + txtnic.Text + "',customername = '" + txtname.Text + "',contactnumber = '" +
        txtcontactnumber.Text + "' where (customerID='" + txtcusID.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = InsertData;
        obj.Cmd.ExecuteNonQuery();
        MessageBox.Show("save succeed!");
    }
    catch(Exception )
    {
        MessageBox.Show("Check your Customer ID and Make sure You Filled Every
Field","Error");
    }
}

private void txtpw_TextChanged(object sender, EventArgs e)
{
    /* if (txtpw.Text == "CAKEF")
    {
        txtcusID.Enabled = false;
    }
    else
        MessageBox.Show("Please Enter Password!"); */
}
}

```

CUSTOMER LOGIN

Input your Customer ID

Log in

Click Here To Sign Up

Amazing' cake shop

Print Bill

Click Here to View Order List

EMPLOYEE LOGIN

Enter Password Here

26 | Page

PROPERTY SETTINGS

FORM 02

Name Frmlog
Text Customer Log in

LABEL 1

Name Label1
Text Log In

LABEL 2

Name lbllog
Text Input Your Customer ID

LABEL 3

Name lblsignup
Text Click Here to Sign up

LABEL 4

Name label2
Text EMPLOYEE LOGIN

LABEL 5

Name lblpw
Text Enter Password Here

LABEL 6

Name lblgbp
Text Print Bill

LABEL 7

Name lbloredrlist
Text Click Here to view Order List

PICTUREBOX 1

Name Picture Box 1
Image Logo

TEXTBOX 1

Name txtcidlogl

TEXTBOX 2

Name txtpw

BUTTON 1

Name btnlog
Text Log In

CODE SNIPPETS

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace CakeFactory
{
    public partial class frmlog : Form
    {
        SqlConnection conn = new SqlConnection(@"Data Source=DESKTOP-QPJ0806\\SQLEXPRESS;Initial
        Catalog=CakeShop;Integrated Security=True");

        public static string cid;

        public frmlog()
        {
            InitializeComponent();
        }

        private void frmlogin_Load(object sender, EventArgs e)
        {
        }

        private void lblsignup_Click(object sender, EventArgs e)
        {
            this.Hide();
            frmsignup frmsignup = new frmsignup();
            frmsignup.Show();
        }

        private void lblorderlist_Click(object sender, EventArgs e)
        {
            frmorderlist frmorderlist = new frmorderlist();
            string pw = txtpw.Text;
            if (pw == "CAKEF")
            {
                frmorderlist.Show();
                this.Hide();
            }
            else
            {
                MessageBox.Show("Wrong Password", "Error", MessageBoxButtons.OK,
                MessageBoxIcon.Warning);
                txtpw.Clear();
            }
        }

        private void operationClick(object sender, EventArgs e)
        {
            frmsignup frmsignup = new frmsignup();
            frmsignup.Show();
            this.Hide();
        }

        private void lblgbp_Click(object sender, EventArgs e)
        {
        }
    }
}
```

```

{
    string pw = txtpw.Text;
    if (pw == "CAKEF")
    {
        frmtoken frmtoken = new frmtoken();
        frmtoken.Show();
        this.Hide();
    }
    else
        MessageBox.Show("Wrong Password", "Error", MessageBoxButtons.OK,
        MessageBoxIcon.Warning);
    txtpw.Clear();
}

private void btnlogin_Click(object sender, EventArgs e)
{
    /* try
    {
        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();
        string SelectData = "SELECT * FROM customer Where (CustomerID = '" +
txtcidlog1.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = SelectData;
        obj.Cmd.ExecuteNonQuery();
        SqlDataReader read = obj.Cmd.ExecuteReader();
        while (read.Read())
        {
            try
            {
                if(txtcidlog1.Text == (read["customerID"].ToString()));
                {
                    MessageBox.Show("Welcome!");
                }
                order order = new order();
                order.Show();
                this.Hide();
            }
            catch(Exception)
            {
                MessageBox.Show("Please Check Your CUSTOER ID or You are not
Registered","Error",MessageBoxButtons.OK,MessageBoxIcon.Information);
            }
        }
        read.Close();
    }
    finally
    {
        cid = txtcidlog1.Text;
        conn.Close();
    }
    */
    /*try
    {
        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();

        string SelectData = "SELECT customerID FROM customer WHERE ( customerID = '" +
txtcidlog1.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = SelectData;
        obj.Cmd.ExecuteNonQuery();
    }
    */

```

```

        if (conn.State == ConnectionState.Open)
        {
            SqlDataReader dtr = obj.Cmd.ExecuteReader();

            while (dtr.Read())
            {
                cid = dtr["customerID"].ToString();
                if (cid == txtcidlog1.Text)
                {
                    order order = new order();
                    order.Show();
                    this.Hide();
                }
                else
                {
                    MessageBox.Show("Invalid credentials! to continue.", "Login Error",
                        MessageBoxButtons.OK, MessageBoxIcon.Error);
                    frmsignup frmsignup = new frmsignup();
                    frmsignup.Show();
                    this.Hide();
                }
            }
        }
    }
    catch (Exception)
    {
        MessageBox.Show("Errorr", "Error");
    }
}*/

try {
    Dbconnection obj = new Dbconnection();
    obj.Conn.ConnectionString = obj.Sqlds;
    obj.DSet.Reset();

    string SelectData = "SELECT * FROM customer WHERE customerID='" + txtcidlog1.Text +
        "'";

    obj.Sqlda = new System.Data.SqlClient.SqlDataAdapter(SelectData, obj.Conn);
    obj.Sqlda.Fill(obj.DSet, "details");
    if (obj.DSet.Tables["details"].Rows[0][1].ToString() != null)
    {
        cid = obj.DSet.Tables["details"].Rows[0][1].ToString();
        order order = new order();
        cid = txtcidlog1.Text;
        order.Show();
        this.Hide();
    }
    else if (obj.DSet.Tables["details"].Rows[0][10000].ToString() != null)
    {
        MessageBox.Show("Please Check Your CUSTOMER ID or You are not Registered");
    }
    catch (Exception)
    {
        MessageBox.Show("Please Check Your CUSTOMER ID or You are not Registered");
    }
}

private void label1_Click_1(object sender, EventArgs e)
{
    order order = new order();
    order.Show();
    this.Hide();
}

```

```
    }

    private void label2_Click(object sender, EventArgs e)
    {
        frmtoken frmtoken = new frmtoken();
        frmtoken.Show();
        this.Hide();
    }

    private void txtpw_TextChanged(object sender, EventArgs e)
    {
    }

    private void label3_Click(object sender, EventArgs e)
    {
        order order = new order();
        order.Show();
        this.Hide();
    }
}
```

FORM 03

Order

Customer ID :
Order Number :
2750

Order Date :
03 May 2019

Total Amount :
Rs. 0

Due Advanced :
Rs. 0

<Select Cakes>

☐ Cup Cake

☐ Chocolate Cake

☐ Butter Cake

☐ Birthday Cake

0

0

0

0

Pieces

Kg

Kg

Kg

Rs. 0

Rs. 0

Rs. 0

Rs. 0

<Enter Qty>

0

0

0

0

Pieces

Kg

Kg

Kg

Rs. 0

Rs. 0

Rs. 0

Rs. 0

<Amount>

Paying Advance: Rs.

Delivery Date : 03/05/2019

< Special Requests >

Place Order

Cancel

After Placing an Order It can't be canceled

PROPERTY SETTINGS

FORM 03

Name frmorder
Text place order

LABEL 1

Name lblcucid2
Text Customer ID

LABEL 2

Name lblordernumber2
Text Order number

LABEL 3

Name label1
Text Enter QTY

LABEL 4

Name lblcakes
Text Select Cakes

LABEL 5

Name label2
Text Amount

LABEL 6

Name lbltoday
Text Order date

LABEL 7

Name label4
Text Pieces

LABEL 8

Name label5
Text Rs.

LABEL 9

Name label6
Text Rs.

LABEL 10

Name label7
Text Rs.

LABEL 11

Name label8
Text Rs.

LABEL 12

Name label9
Text Rs.

LABEL 13

Name label10
Text Rs.

LABEL 14

Name label11

Text Rs.

TEXT BOX 1

Name txtcusid

LABEL 15

Name label15

Text Rs.

TEXT BOX 2

Name txtonum

LABEL 16

Name lblpayadvance

Text Paying Advanced

Name txtcup

TEXT BOX 4

Name txtchoco

LABEL 17

Name label3

Text Total Amount

TEXT BOX 5

Name txtbutter

LABEL 18

Name lbladvanced

Text Advanced Due

TEXT BOX 6

Name txtbirth

LABEL 19

Name lbldeliverdate

Text Deliver Date

TEXT BOX 7

Name txtcupamt

LABEL 20

Name lblreq

Text Special Requests

Name txtchocoamt

TEXT BOX 9

Name txtbutteramt

LABEL 21

Name lblpress

Text Order Can not be....

TEXT BOX 10

Name txtbirthamt

CHECK BOX 1

Name chkcup
Text Cup Cake

DATE TIME PICKER 1

Name dtptoday
Value orderdate

CHECK BOX 2

Name chkchoco
Text Chocolate Cake

DATE TIME PICKER 2

Name dtpdeliver
Value deliver date

CHECK BOX 3

Name Chkbutter
Text Butter Cake

BUTTON 1

Name btncancel
Text Cancel

CHECK BOX 4

Name chkbirthday
Text Birthday Cake

BUTTON 2

Name btnplaceorder
Text Place Order

CODE SNIPPETS

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace CakeFactory
{
    public partial class order : Form

    {
        const double Price_cup = 30;
        const double Price_choco = 250;
        const double Price_butter = 150;
        const double Price_birth = 300;
        double amtcup, amtbirth, amtchoco, amtbutterm, amtadv, amttot;
        double one;
        double two;
        double three;
        double four;
        public static string cusID;

        SqlConnection conn = new SqlConnection(@"Data Source=DESKTOP-
QPJ0806\SQLEXPRESS;Initial Catalog=CakeShop;Integrated Security=True");

        public order()
        {
            InitializeComponent();
            try
            {
                cusID = frmlog.cid;
                cusID = txtcidlogs.Text;
            }
            finally
            {
                Random random = new Random();
                int rnd = random.Next(0, 10000);
                txtordnums.Text = rnd.ToString();
            }
        }

        private void order_Load(object sender, EventArgs e)
        {
            try
            {
                // TODO: This line of code loads data into the
                'cakeShopDataSet1.customer' table. You can move, or remove it, as needed.
                this.customerTableAdapter.Fill(this.cakeShopDataSet1.customer);
                // TODO: This line of code loads data into the
                'cakeShopDataSet1.olist' table. You can move, or remove it, as needed.
            }
            catch { }
        }
    }
}
```

```

        this.olistTableAdapter.Fill(this.cakeShopDataSet1.olist);
    }
    catch (Exception)
    {
    }
    finally
    {
        txtcidlogs.Text = frmlog.cid;
        cusID = frmlog.cid;
        cusID = txtcidlogs.Text;
        Random random = new Random();
        int rnd = random.Next(0, 10000);
        txtordnums.Text = rnd.ToString();

        dtptoday.Value = System.DateTime.Now;
        dtpdeliver.Value = System.DateTime.Now;
    }
}

private void cupcake_CheckedChanged(object sender, EventArgs e)
{
    if (cupcake.Checked == true)
    {
        txtcup.Enabled = true;
        txtcup.Text = "0";
        txtcup.Focus();
        if (txtcup.Text == null)
        {
            txtcup.Text = "0";
        }
    }
    else
    {
        txtcup.Enabled = false;
        txtcup.Text = "0";
    }
}

private void txtcupcake_TextChanged(object sender, EventArgs e)
{
    try
    {
        amtcup = Convert.ToDouble(txtcup.Text) * Price_cup;
        txtcupamt.Text = Convert.ToString(amtcup);
    }
    catch (Exception)
    {
        txtcup.Text = "0";
    }
    finally
    {
        amttot = amtcup + amtbirth + amtchoco + amtbutter;
        txttotamt.Text = amttot.ToString();
    }
}

private void btndoneorder_Click(object sender, EventArgs e)
{
    try
    {

```

```

        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();
        //INSERT INTO olist(onum, cusID, ddate, odate, cup, choco, butter, birth, tot, adv,
        cash, change, req)
        VALUES (@onum,@cusID,@ddate,@odate,@cup,@choco,@butter,@birth,@tot,@adv,@cash,@chang
        e,@req)

        string InsertData = "insert into
        olist(onum,cusID,ddate,odate,cup,choco,birth,butter,tot,adv) VALUES ('" +
        txtordnums.Text + "','" + txtcidlogs.Text + "','" + dtpdeliver.Text + "','" +
        dtptoday.Text + "','" + txtcup.Text + "','" + txtchoco.Text + "','" + txtbirth.Text
        + "','" + txtbutter.Text + "','" + txttotamt.Text + "','" + txtadvancepay.Text +
        "')";

        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = InsertData;
        obj.Cmd.ExecuteNonQuery();
        MessageBox.Show("Order Placed!");
        conn.Close();
    }
    catch
    {
        MessageBox.Show("System error!");
    }
    finally
    {
        printDialog2.Document = printDocument2;
        if (printDialog2.ShowDialog() == DialogResult.OK)
        {
            printDocument2.Print();
        }
        txtcidlogs.ResetText();
        txtordnums.ResetText();
        txtcup.ResetText();
        txtchoco.ResetText();
        txtbutter.ResetText();
        txtbirth.ResetText();
        txtadvanced.ResetText();
        txttotamt.ResetText();
        dtpdeliver.ResetText();
        dtptoday.ResetText();
    }

    frmlog frmlogin = new frmlog();
    frmlogin.Show();
    this.Hide();
    MessageBox.Show("Thank You! ~ Come Again");
}

```

```

private void chocolatecake_CheckedChanged(object sender, EventArgs e)
{
    if (chocolatecake.Checked == true)
    {
        txtchoco.Enabled = true;
        txtchoco.Text = "0";
        txtchoco.Focus();
    }
    else
    {
        txtchoco.Enabled = false;
        txtchoco.Text = "0";
    }
}

```

```

    }
}

private void buttercake_CheckedChanged(object sender, EventArgs e)
{
    if (buttercake.Checked == true)
    {
        txtbutter.Enabled = true;
        txtbutter.Text = "0";
        txtbutter.Focus();
    }
    else
    {
        txtbutter.Enabled = false;
        txtbutter.Text = "0";
    }
}

private void lbldeliverdate_Click(object sender, EventArgs e)
{
}

private void txtbirth_TextChanged(object sender, EventArgs e)
{
    try
    {
        amtbirth = Convert.ToDouble(txtbirth.Text) * Price_birth;
        txtbirthamt.Text = Convert.ToString(amtbirth);
    }
    catch (Exception)
    {
        txtbirth.Text = "0";
    }
    finally
    {
        amttot = amtcup + amtbirth + amtchoco + amtbutter;
        txttotamt.Text = amttot.ToString();
    }
}

private void btncancel_Click(object sender, EventArgs e)
{
    txtcup.ResetText();
    txtchoco.ResetText();
    txtbutter.ResetText();
    txtbirth.ResetText();
    txtadvanced.ResetText();
    txttotamt.ResetText();
    dtpdeliver.ResetText();
    dtptoday.ResetText();
    frmlog frmlogin = new frmlog();
    frmlogin.Show();
    this.Hide();
}

private void txtmod_TextChanged(object sender, EventArgs e)
{
    string mod;
    mod = txtreq.Text;
}

private void lbladvanced_Click(object sender, EventArgs e)

```

```

{
}

private void birthday_CheckedChanged(object sender, EventArgs e)
{
    if (birthday.Checked == true)
    {
        txtbirth.Enabled = true;
        txtbirth.Text = "0";
        txtbirth.Focus();
    }
    else
    {
        txtbirth.Enabled = false;
        txtbirth.Text = "0";
    }
}

private void dtptoday_ValueChanged(object sender, EventArgs e)
{
    string datetime = (DateTime.Now).ToString();
    datetime.ToString();
}

private void txtchoco_TextChanged(object sender, EventArgs e)
{
    try
    {
        amtchoco = Convert.ToDouble(txtchoco.Text) * Price_choco;
        txtchocoamt.Text = Convert.ToString(amtchoco);
    }
    catch (Exception)
    {
        txtchoco.Text = "0";
    }
    finally
    {
        amttot = amtcup + amtbirth + amtchoco + amtbutter;
        txttotamt.Text = amttot.ToString();
    }
}

private void txtbutter_TextChanged(object sender, EventArgs e)
{
    try
    {
        amtbutter = Convert.ToDouble(txtbutter.Text) * Price_butter;
        txtbutteramt.Text = amtbutter.ToString();
    }
    catch (Exception)
    {
        txtbutter.Text = "0";
    }
    finally
    {
        amttot = amtcup + amtbirth + amtchoco + amtbutter;
        txttotamt.Text = amttot.ToString();
    }
}

private void txttotamt_Changed(object sender, EventArgs e)
{

```

```

        try
        {
            amttot = Convert.ToDouble(txtcupamt.Text) +
Convert.ToDouble(txtchocoamt.Text) + Convert.ToDouble(txtbutteramt.Text) +
Convert.ToDouble(txtbirthamt.Text);
            amttot = amtcup + amtchoco + amtbutter + amtbirth;
            txtttotamt.Text = Convert.ToString(amttot);
            double adv = (Double.Parse(txtttotamt.Text)) / 2;
            txtadvanced.Text = adv.ToString();
        }
        catch(Exception ex)
        {
            MessageBox.Show("Wrong character" + ex);
        }
        finally
        {
            Random random = new Random();
            int rnd = random.Next(0, 10000);
            txtordnums.Text = rnd.ToString();
        }
    }

    private void txtadvanced_TextChanged(object sender, EventArgs e)
    {
        double adv=(Double.Parse(txtttotamt.Text))/2;
        txtadvanced.Text = adv.ToString();
    }

    private void dtpdeliver_ValueChanged()
    {
        string Ddate;
        Ddate = dtpdeliver.Text;
    }

    private void operationChanged(object sender, EventArgs e)
    {
        one = Double.Parse(txtbirthamt.Text);
        two = Double.Parse(txtbutteramt.Text);
        three = Double.Parse(txtchocoamt.Text);
        four = Double.Parse(txtcupamt.Text);
        double tot = three + four + one + two;
        txtttotamt.Text = tot.ToString();
        txtadvanced.Text = (tot / 2).ToString();
    }

    private void operationEnter(object sender, EventArgs e)
    {
    }

    private void operationEnter(object sender, KeyEventArgs e)
    {
        if (e.KeyCode == Keys.Enter)
        {
            three = Double.Parse(txtchocoamt.Text);
            four = Double.Parse(txtcupamt.Text);
            double tot= one + four ;
            txtttotamt.Text = tot.ToString();
        }
    }
}

```

```

private void operationEnter1(object sender, EventArgs e)
{
    if (e.KeyCode == Keys.Enter)
    {
        Random random = new Random();
        int rnd = random.Next(0, 1000);
        txtordnums.Text = rnd.ToString();
        one = Double.Parse(txtbirthamt.Text);
        three = Double.Parse(txtchocoamt.Text);
        double tot = one + three;
        txttotamt.Text = tot.ToString();
    }
}

private void operationEnter2(object sender, EventArgs e)
{
    if (e.KeyCode == Keys.Enter)
    {
        Random random = new Random();
        int rnd = random.Next(0, 1000);
        txtordnums.Text = rnd.ToString();
        one = Double.Parse(txtbirthamt.Text);
        two = Double.Parse(txtbutteramt.Text);
        three = Double.Parse(txtchocoamt.Text);
        four = Double.Parse(txtcupamt.Text);
        double tot = one + two + three + four;
        txttotamt.Text = tot.ToString();
    }
}

private void operationEnter3(object sender, EventArgs e)
{
    if (e.KeyCode == Keys.Enter)
    {
        Random random = new Random();
        int rnd = random.Next(0, 1000);
        txtordnums.Text = rnd.ToString();

        one = Double.Parse(txtbirthamt.Text);
        two = Double.Parse(txtbutteramt.Text);
        three = Double.Parse(txtchocoamt.Text);
        four = Double.Parse(txtcupamt.Text);
        double tot = one + two + three + four;
        txttotamt.Text = tot.ToString();
    }
}

private void txtadvanced_Load(object sender, EventArgs e)
{
    try
    {
        one = Double.Parse(txtbirthamt.Text);
        two = Double.Parse(txtbutteramt.Text);
        three = Double.Parse(txtchocoamt.Text);
        four = Double.Parse(txtcupamt.Text);
        double tot = one + two + three + four;
        txttotamt.Text = tot.ToString();
        amtadv = (tot / 2);
        txtadvanced.Text = amtadv.ToString();
    }
    finally
    {

```



```

    }
}

private void printDocument2_PrintPage(object sender,
System.Drawing.Printing.PrintPageEventArgs e)
{
    var fnt = new Font("Times new Roman", 14, FontStyle.Regular);
    var fn = new Font("Times new Roman", 14, FontStyle.Bold);
    var Head = new Font("Times new Roman", 18, FontStyle.Bold);
    var cf = new Font("Segoe Marker", 24, FontStyle.Bold);
    var Tot = new Font("Times new Roman", 16, FontStyle.Underline);
    int x = 96, y = 96;
    int dy = (int)fnt.GetHeight(e.Graphics) * 1;

    e.Graphics.DrawString("*****CAKE FACTORY*****",
cf, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
", cf, Brushes.Black, new PointF(x, y)); y += dy;

    e.Graphics.DrawString("*****TOKEN*****", Head,
Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
    e.Graphics.DrawString("
                                Order Date
:   " + dtptoday.Text + " ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                Order Number
:   " + txtordnums.Text + " ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                Customer ID
:   " + txtcidlogs.Text + " ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                Total
:Rs." + txttotamt.Text + " ", fn, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                Due Advance
:Rs." + txtadvanced.Text + " ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                PAID ADVANCE
:Rs." + txtadvancepay.Text + " ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                ", fnt, Brushes.Black, new PointF(x, y));
y += dy;
    e.Graphics.DrawString("Cup Cake      : "+txtcup.Text+"
Amount:Rs."+txtcupamt.Text+" ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("Butter Cake   : "+txtbutter.Text+"
Amount:Rs."+txtbutteramt.Text+" ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("Chocolate Cake: "+txtchoco.Text+"
Amount:Rs."+txtchocoamt.Text+" ", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("Birthday Cake : "+txtbirth.Text+"
Amount:Rs."+txtbirthamt.Text+"
                                ", fnt, Brushes.Black, new
PointF(x, y)); y += dy;
    e.Graphics.DrawString("Order Date: "+dtpdeliver.Text+"
", fnt, Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
    e.Graphics.DrawString("
                                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
    e.Graphics.DrawString("Request : "+txtreq.Text+"
                                ", Head,
Brushes.Black, new PointF(x, y)); y += dy;
    e.Graphics.DrawString("
                                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
    e.Graphics.DrawString("
                                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
    e.Graphics.DrawString("Customer Signature:_____
Name:_____ ", fnt, Brushes.Black, new PointF(x, y));

```

```

        e.Graphics.DrawString("                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("                ", Head, Brushes.Black,
new PointF(x, y)); y += dy;
        e.Graphics.DrawString("                ", Head, Brushes.Black,
new PointF(x, y)); y += dy;
        e.Graphics.DrawString("Employee Signature:_____
Name:_____ ", fnt, Brushes.Black, new PointF(x, y));
        e.Graphics.DrawString("                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("                ", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("*Once You Placed an Order It can't be undone",
fnt, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("Hot Line:119", fnt, Brushes.Black, new PointF(x,
y)); y += dy;

e.Graphics.DrawString("*****", Head,
Brushes.Black, new PointF(x, y)); y += dy;
    }
}
}

```

CLASS DBCONNECTION

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Data;
using System.Data.SqlClient;

namespace CakeFactory
{
    class Dbconnection
    {
        public DataSet DSet = new DataSet();
        public SqlDataAdapter Sqlda = new SqlDataAdapter();
        public SqlConnection Conn = new SqlConnection();
        public SqlCommand Cmd = new SqlCommand();
        //public SqlDataReader dtr = new SqlDataReader();
        public string Sqlds = "Data Source=DESKTOP-QPJ0806\\SQLEXPRESS;Initial
Catalog=CakeShop;Integrated Security=True";
    }
}

```

Bill

Time 22:07:36

Date 01/05/2019

Order Number : 4252

Search

Go To Order List

Advance : Rs. 900


Cash Received : Rs.

Total Amount : Rs. 5060

Balance Paid : Rs.

Update Bill

Print Bill



Amazin'

cake shop

Customer ID : 810

Name :

Contact :

NIC number :

Search

Back

Activate Windows
Go to Settings to activate Windows.

PROPERTY SETTINGS

FORM 04

Name frmotoken
Text Bill

LABEL 7

Name label5
Text Rs.

LABEL 1

Name lbl
Text Time

LABEL 8

Name lbltotamount
Text Total Amount

LABEL 2

Name lbldate
Text Date

LABEL 9

Name label4
Text Rs.

LABEL 3

Name lblordernumber
Text Order number

LABEL 10

Name lblbalaence
Text Balance Paid

LABEL 4

Name lbladvance
Text Advance

LABEL 11

Name label6
Text Rs.

LABEL 5

Name label3
Text Rs.

LABEL 12

Name lbllog
Text Customer ID

LABEL 6

Name lblcash
Text Cash Received

LABEL 13

Name lblname
Text Name

LABEL 14

Name lblcontact
Text Contact

LABEL 15

Name lblnic
Text NIC Number

TEXT BOX 1

Name txtonum

TEXT BOX 2

Name txtcash

TEXT BOX 3

Name txtcidlog

TEXT BOX 4

Name txtnet

TEXT BOX 5

Name txtbalance

TEXT BOX 6

Name txtname

TEXT BOX 7

Name txtcontact

TEXT BOX 8

Name txtnic

DATE TIME PICKER 1

Name dtpbilltime
Value Time

DATE TIME PICKER 2

Name dtpbilldate
Value Date

BUTTON 1

Name btnsearch
Text Search

BUTTON 6

Name btnpb
Text Brint Bill

BUTTON 2

Name btnol
Text Go to Order list

BUTTON 4

Name btnuo
Text Update Bill

BUTTON 5

Name btnsearchcus
Text Search

PICTURE BOX 1

Name picturebox8
Image Logo

CODE SNIPPETS

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;
using System.IO;
using System.Drawing.Printing;

namespace CakeFactory
{
    public partial class frmtoken : Form
    {
        SqlConnection conn = new SqlConnection(@"Data Source=DESKTOP-
QPJ0806\SQLEXPRESS;Initial Catalog=CakeShop;Integrated Security=True");

        double tot, adv, net, cash, bal;

        public frmtoken()
        {
            InitializeComponent();
        }

        private void frmbill_Load(object sender, EventArgs e)
        {
            try
            {
                // TODO: This line of code loads data into the
                'cakeShopDataSet1.customer' table. You can move, or remove it, as needed.
                this.customerTableAdapter.Fill(this.cakeShopDataSet1.customer);
                // TODO: This line of code loads data into the 'cakeShopDataSet1.olist'
                table. You can move, or remove it, as needed.
                this.olistTableAdapter.Fill(this.cakeShopDataSet1.olist);
            }
            catch (Exception)
            {
                //  MessageBox.Show("Error");
            }
            finally
            {
                dtpbilltime.Value = System.DateTime.Now;
                dtpbilldate.Value = System.DateTime.Now;
            }
        }

        private void Update_Click(object sender, EventArgs e)
        {
            try
            {
                Dbconnection obj = new Dbconnection();
            }
        }
    }
}
```

```

        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();

        string UpdateData = "UPDATE olist SET adv='" + txtadvanced.Text +
        "' ,cash = '" + txtcash.Text + "' ,change='" + txtbalance.Text + "' WHERE ( onum =
        '" + txtonum.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = UpdateData;
        obj.Cmd.ExecuteNonQuery();
        MessageBox.Show("save succeed! ~ Bill Updated!");
        conn.Close();
    }
    catch(Exception)
    {
        txtadvanced.Text = "0";
        txtcash.Text = "0";
        txtbalance.Text = "0";
        txtonum.Text = "0";
        MessageBox.Show("Check your Order Number and Make sure You Filled
        Every Field ,Try again!", "Error");
    }

}

private void dtpbill_ValueChanged(object sender, EventArgs e)
{

}

private void txtbalance_TextChanged(object sender, EventArgs e)
{

}

/* private void operationEnter(object sender, KeyEventArgs e)
{
    try
    {
        if (e.KeyCode == Keys.Enter)
        {
            double tot, adv, net, cash, bal;
            tot = Convert.ToDouble(txtnet.Text);
            adv = Convert.ToDouble(txtadvanced.Text);
            cash = Convert.ToDouble(txtcash.Text);
            net = tot - adv;
            bal = net - cash;

        }

    }
    catch
    {
        MessageBox.Show("Please check Your Inputs");
    }
    finally
    {
        bal = double.Parse(txtbalance.Text);
    }

}*/

private void btnback_Click(object sender, EventArgs e)
{

```



```

        frmlog frmlog = new frmlog();
        frmlog.Show();
        this.Hide();
    }

    private void btnsearch_Click(object sender, EventArgs e)
    {
        try
        {
            Dbconnection obj = new Dbconnection();
            obj.Conn.ConnectionString = obj.Sqlds;
            obj.Conn.Open();
            string SelectData = "SELECT * FROM olist Where (onum = '" +
txttonum.Text + "')";
            obj.Cmd.Connection = obj.Conn;
            obj.Cmd.CommandText = SelectData;
            obj.Cmd.ExecuteNonQuery();
            SqlDataReader read= obj.Cmd.ExecuteReader();
            while (read.Read())
            {
                txtcidlog.Text = (read["cusID"].ToString());
                txtnet.Text = (read["tot"].ToString());
                txtadvanced.Text = (read["adv"].ToString());
                txtcash.Text = (read["cash"].ToString());
                txtbalance.Text = (read["change"].ToString());
            }
            read.Close();
        }
        catch(Exception)
        {
            MessageBox.Show("Wrong Order Number!");
        }
        finally
        {
            conn.Close();
        }
    }

    private void btnol_Click(object sender, EventArgs e)
    {
        frmorderlist frmorderlist = new frmorderlist();
        frmorderlist.Show();
        this.Hide();
    }

    private void btnpb_Click(object sender, EventArgs e)
    {
        printDialog1.Document = printDocument1;
        if(printDialog1.ShowDialog()==DialogResult.OK)
        {
            printDocument1.Print();
        }
    }

    private void printDocument1_PrintPage(object sender, PrintPageEventArgs e)
    {
        var fnt = new Font("Times new Roman", 14, FontStyle.Regular);
        var Head = new Font("Times new Roman", 18, FontStyle.Bold);
        var cf = new Font("Segoe Marker", 24, FontStyle.Bold);
        var Tot = new Font("Times new Roman", 16, FontStyle.Underline);
    }

```

```

        int x = 96, y = 96;
        int dy = (int)fnt.GetHeight(e.Graphics) * 1;

        e.Graphics.DrawString("*****CAKE
FACTORY*****", cf, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
", cf, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("*****EMPLOYEE RECIEPT*****",
Head, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("Customer Name :"+txtname.Text+"", fnt,
Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("NIC Number      :"+txtnic.Text+"", fnt,
Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("Contact Number:"+txtcontact.Text+"", fnt,
Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("Order Number  :"+txtonum.Text + "", fnt,
Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
                                Date           :
"+dtpbilldate.Text+ "", fnt, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
                                Time            :
"+dtpbilltime.Text+"", fnt, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
                                Customer ID :
" + txtcidlog.Text + "", fnt, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
                                Cash Paid
:Rs." + txtcash.Text + "", fnt, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
                                Balance
:Rs." + txtbalance.Text + "", fnt, Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("Net Amount      : "+txtnet.Text+"", fnt,
Brushes.Black, new PointF(x, y)); y += dy;
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("Customer Signature:_____
Name:_____ ", fnt, Brushes.Black, new PointF(x, y));
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;
        e.Graphics.DrawString("Employee Signature:_____
Name:_____ ", fnt, Brushes.Black, new PointF(x, y));
        e.Graphics.DrawString("
", Head, Brushes.Black, new PointF(x,
y)); y += dy;

e.Graphics.DrawString("*****",
Head, Brushes.Black, new PointF(x, y)); y += dy;

        // e.Graphics.DrawString("Order number :'" + txtonum.Text + "'CustomerID
: '" + txtcidlog + "' Advanaced : '"+txtadvanced+"' Cash : '"+txtbalance+"' Net
Amount : '"+txtnet+"' ", new Font ("Arial",12,FontStyle.Bold),Brushes.Black,90,140);
    }

```

```

private void btnserchcus_Click(object sender, EventArgs e)
{
    try
    {
        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();
        string SelectData = "SELECT * FROM customer Where (customerID = '"
+ txtcidlog.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = SelectData;
        obj.Cmd.ExecuteNonQuery();
        SqlDataReader read = obj.Cmd.ExecuteReader();
        while (read.Read())
        {
            txtnic.Text = (read["nicnumber"].ToString());
            txtname.Text = (read["customername"].ToString());
            txtcontact.Text = (read["contactnumber"].ToString());
        }
        read.Close();
    }
    catch (Exception)
    {
        MessageBox.Show("Wrong Customer ID!");
    }
    finally
    {
        conn.Close();
    }
}

private void txtcash_TextChanged(object sender, EventArgs e)
{
    try
    {
        tot = double.Parse(txtnet.Text);
        adv = double.Parse(txtadvanced.Text);
        net = tot - adv;

        cash = Convert.ToDouble(txtcash.Text);
        cash = double.Parse(txtcash.Text);

        bal = cash - net;

        txtbalance.Text = Convert.ToString(bal);
    }
    catch
    {
        txtcash.ResetText();
    }
}
}
}

```

ORDERS

| orun | cusID | ddate | odate | cup | choco | butter | birth | tot | adv | cash | change | req |
|------|------------|------------|---------------|-----|-------|--------|-------|-------|-------|------|--------|------|
| 1120 | 001 | 25/04/2019 | 23/04/2019 | 5 | 3 | 3 | 5 | 2850 | 10000 | 6000 | 0000 | 1000 |
| 1466 | 832 | 03/05/2019 | 01 May 2019 | 6 | 7 | 4 | 2 | 3130 | 2000 | | | |
| 150 | 001 | 12 | 13 | 1 | 1 | 1 | 1 | 760 | 320 | 100 | 240 | NO |
| 1641 | 255 | 30/04/2019 | 26/04/2019 | 0 | 0 | 6 | 45 | 14400 | 7200 | | | |
| 2826 | 831 | 01/05/2019 | 30 April 2019 | 7 | 3 | 8 | 6 | 3960 | 800 | | | |
| 371 | 960401638V | 26/04/2019 | 23/04/2019 | 0 | 5 | 0 | 0 | 1250 | 625 | | | |
| 4252 | 810 | 11/05/2019 | 01 May 2019 | 07 | 8 | 7 | 6 | 5060 | 900 | | | |
| 430 | 775 | 03/05/2019 | 01 May 2019 | 6 | 5 | 6 | 7 | 4430 | 3000 | | | |
| 459 | 997710541 | 29/04/2019 | 29 April 2019 | 10 | 2 | 0 | 0 | 800 | 500 | | | |
| 5651 | 001 | 25/04/2019 | 25/04/2019 | 5 | 45 | 15 | 10 | 14400 | 7200 | | | |
| 6178 | 001 | 25/04/2019 | 23/04/2019 | 12 | 0 | 0 | 45 | 13860 | 6930 | | | |
| 633 | 63 | 02/05/2019 | 30 April 2019 | 8 | 5 | 9 | 5 | 4240 | 1000 | | | |
| 6813 | 001 | 25/04/2019 | 23/04/2019 | 0 | 0 | 0 | 5 | 1500 | 750 | | | |
| 7043 | 960401638V | 29/04/2019 | 28/04/2019 | 10 | 0 | 0 | 0 | 300 | 150 | 200 | 050 | |
| 71 | 20 | 30/04/2019 | 29 April 2019 | 10 | 20 | 0 | 0 | 5300 | 3000 | 3000 | 0000 | |
| 7257 | 001 | 28/04/2019 | 25/04/2019 | 5 | 0 | 0 | 200 | 60150 | 30075 | | | |

CUSTOMERS

| customerID | nicnumber | customername | contactnumber |
|------------|------------|----------------|---------------|
| 11 | 876543212V | SAHAN | 076543870 |
| 132 | 960401638V | Nadun Udarakka | 0716336788 |
| 192 | 954224535v | saranga | 0756883402 |
| 20 | 961291550v | sachin | 0778076031 |
| 262 | 689765432V | RATHNA | 0786543218 |
| 302 | 987654324V | TSDFG | 098765434 |
| 550 | 80000 | GALLE | 091 |
| 63 | 87654321v | lakenan | 0915678900 |
| 641 | 95072735v | Hasnan | 0774185989 |
| 696 | 997710541 | sewmini | 0773091145 |
| 720 | 765432109v | tariya | 0789876566 |
| 722 | 76543356v | YTTFRR | 7654328900 |
| 775 | 768908765v | VASANA | 0789765477 |
| 776 | 991881298v | vishwa | 0714221175 |
| 806 | 961291550v | sachin | 0778076031 |
| 810 | 765432178v | HGFDS | 0987654332 |

FORM 05

Go Back

Back to Settings

ORDER NUMBER

CUSTOMER ID

Delete

Delete

Activate Windows

Go to Settings to activate Windows.

PROPERTY SETTINGS

FORM 05

Name frmorderlist

Text Order List

Text BOX 2

Name txtcusID

LABEL 1

Name label2

Text Order

BUTTON 1

Name btndel

Text Delete

LABEL 2

Name lblonum

Text Order Num

BUTTON 2

Name btnback

Text Go Back

LABEL 3

Name Inlo

Text Customer ID

BUTTON 3

Name btndelo

Text Delete

LABEL 4

Name lbl1

Text Customer ID

Data Grid View 1

customer

Text BOX 1

Name txtonum

Data Grid View 2

Olist

CODE SNIPPETS

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace CakeFactory
{
    public partial class frmorderlist : Form
    {
        public frmorderlist()
        {
            InitializeComponent();

            SqlConnection conn = new SqlConnection(@"Data Source=DESKTOP-
QPJ0806\SQLEXPRESS;Initial Catalog=CakeShop;Integrated Security=True");

            private void frmorderlist_Load(object sender, EventArgs e)
            {
                try
                {
                    // TODO: This line of code loads data into the
                    'cakeShopDataSet1.customer' table. You can move, or remove it, as needed.
                    this.customerTableAdapter.Fill(this.cakeShopDataSet1.customer);
                    // TODO: This line of code loads data into the 'cakeShopDataSet1.olist'
                    table. You can move, or remove it, as needed.
                    this.olistTableAdapter.Fill(this.cakeShopDataSet1.olist);
                }
                catch
                {
                    MessageBox.Show(" Please Edit datasets, it is violating rules!");
                }
                finally
                {
                    // TODO: This line of code loads data into the
                    'cakeShopDataSet1.customer' table. You can move, or remove it, as needed.
                    // this.customerTableAdapter.Fill(this.cakeShopDataSet1.customer);
                    // TODO: This line of code loads data into the 'cakeShopDataSet1.olist'
                    table. You can move, or remove it, as needed.
                    this.olistTableAdapter.Fill(this.cakeShopDataSet1.olist);
                }
            }

            private void btnback_Click(object sender, EventArgs e)
            {
                frmlog frmlogin = new frmlog();
                frmlogin.Show();
                this.Hide();
            }
        }
    }
}
```

```

private void btndel_Click(object sender, EventArgs e)
{
    try
    {
        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();

        string DeleteData = "delete from customer Where ( customerID ='" +
txtcusID.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = DeleteData;
        obj.Cmd.ExecuteNonQuery();
        MessageBox.Show("Delete succeed!");
    }
    catch(Exception)
    {
        MessageBox.Show("Unable To delete","Error");
    }
    finally
    {
        conn.Close();
        txtcusID.Text = "0";
    }
}

private void btndelo_Clicked(object sender, EventArgs e)
{
    try
    {
        Dbconnection obj = new Dbconnection();
        obj.Conn.ConnectionString = obj.Sqlds;
        obj.Conn.Open();

        string DeleteData = "delete from olist Where ( onum ='" +
txttonum.Text + "')";
        obj.Cmd.Connection = obj.Conn;
        obj.Cmd.CommandText = DeleteData;
        obj.Cmd.ExecuteNonQuery();
        MessageBox.Show("Delete succeed!");
    }
    catch (Exception)
    {
        MessageBox.Show("Unable To delete", "Error");
    }
    finally
    {
        conn.Close();
        txtcusID.Text = "0";
    }
}
}
}
}

```

REFERENCES

Youtube

Videoder

C# corner

Microsoft msdn.Social

CodeProject

StackOverFlow

HND Students

FOX learn

Tutorials Point

Theory Notes

Etc.

SPECIAL THANKS

We give our warm hearted thanks to everyone who helped to make this dream project to come true.

We should mark these names specially

Our Lecturers,

Mr.Pasan Wetthasinghe

Mr.Gihan Ranasinghe

Mr.Dishan Peris

Miss. Karunarathne

And

HND Student

Govindu Chathumina

Finally

All the ESOFTH Staff

and

All the Team Members.