INDEX

1. SYNOPSIS

1.1 INTRODUCTION :

- The "Online Cake and Dessert Ordering system" allows the user to check for various cake and bakery products available at the online store and purchase online.
- The project consists of bakery and cake products of various categories.
- If he like he product he may add it to cart.
- In order to buy, he must be registered to the site and then make payments.
- Admin will help in smooth transaction between him and the customer.

1.1.1 Title of the project:

ONLINE CAKE & DESSERT ORDERING SYSTEM

1.1.2 Project Category:

This is a Web Application.

1.2 BACKGROUND:

1.2.1. Introduction of the company :

Software Type : Client defined project.
Name of the organize : Delicious Treats.
Address of the organization : 2-143 Melmane house, Shirva, Udupi.

1.3 OBJECTIVES:

- Provides easy buying and selling of goods.
- Maintain information about products, stocks and orders.
- Provides security to data using logins and password.
- Buying and selling through online, so no paper work.

1.4 SCOPE:

- Less time consumption.
- Clarity to the customer about the product ordered.
- User can easily and clearly describe the types of cakes required.
- Easy transaction through online.

1.5 STRUCTURE OF THE PROJECT :

Modules used:

User-Side Modules:

- Login
- Cart
- Payment and Bill
- My Orders
- Feedback

Admin-Side Modules:

- Login
- Product Management
- Product category Management
- View Orders

1.6 SYSTEM ARCHITECTURE:

User-Side Modules:

- **Login:-** Modules provides security by the use of username and password. Has username and password assigned by the user only. Account creation is done by filling the registration form with the user details such as name, phone number, email, etc.
- **Cart:-** In this module, user views the products and the product of his choice is added to cart.
- **Payment And Bill:-** When the user wishes to purchase, makes a payment of the product and get the bill in return**.**
- **My Orders:-** The list of all the orders made by the user, its information are available. The user can also give reviews to the products purchased in here**.**
- **Feedback:-** User can view all the feedbacks given to the site and services provided by the Delicious Treats**.**
  User can give the feedback simultaneously.

Admin-Side Modules:

- **Login:-**Administrator has a separate username and password. He can edit stocks, rate and other details.
- **Product Management:-**

Add Product: Admin can add new products.
Update Product: Admin can update the existing products.

- **Product Category Management:-**
  Add-Category : Admin can add a new category
  Delete-Category: Delete the existing category
  Update-Category :Edit the category.
- **View Orders:-** Admin can view the information about all the orders made by the users.
-

1.7 SOFTWARE/HARDWARE USED FOR SOFTWARE :

- **Hardware Requirements:**
  - CPU
  - RAM
  - Hard Disk
  - Other Hardware

- **Software Requirements:**
  - Operating System
  - Front End: Microsoft ASP.NET
  - Back End: Microsoft SQL Server

2. SRS

2.1 Introduction :

A software Requirements Specification (SRS) is a document that describes what the software will do and how it will be expected to perform. It also describes the functionality the product need to fulfill all stakeholders need.

2.2 Overall description

2.2.1 Product perspective

Product of this project is software that reduces the work, which is handled manually by event manager. There are many modules to be maintained such as check availability module,booking services module,etc. Handling these modules is a different task for the admin. This product provides easy way of maintaining detail

2.2.2 Product functions

The graphical user interface is provided by vb.net form.This is user friendly in nature. All the manually handling procedures for maintaining record of events is replaced by software. Admin be easily known about the customer,eventdate,services,billing,cancelation information.

2.2.3 User characteristics

Administrator level:

These users have level of authority. This user enters to any of the module. He/she has the authority to create, delete and change the master table whenever he/she thinks it is necessary. Admin has full response to make modifications.

2.2.4 General constraints

The developed system should run on any of operating system that supports vb.net and Microsoft SQL server.

2.3 Function requirements :

- **Front end:**
  ASP.NET:

ASP.NET stands for Active Server Pages. .NET and its developed by Microsoft. ASP.NET is used to create web pages and web technologies and is an integral part of Microsoft's ASP.NET framework vision.

- **Back end:**

Microsoft SQL Server:

Microsoft SQL Server is a relational database management system[RDBMS] designed to run on platforms ranging from laptops to large multiprocessor server.SQL Server used as the "back end" system for websites and corporate CRM's and it can support thousands of concurrent users. SQL Server comes with a number of tools to help your database administration and programming skills.

C# language

C# is a simple, modern object oriented language derived from C++ & Java. It aims to combine the high performance of visual basic and the raw power of C++. It is a part of Microsoft visual studio 7.0. All of these languages provide access to the Microsoft .NET platform.NET includes a common execution engine and a rich class library.

2.4 Design constraints

There are number of factors in the client environment that may retrict the choice of a designer. Search factor include standard that must be followed, resource limits, operating environment and reliability and security requirement.

2.5 Performance Requirement:

- **Back end:-**

Microsoft SQL server Microsoft SQL server is a relational database management system [RDBMS] designed to run on platforms raging from laptops to large multiprocessor server. SQL server used as the "backend" system for website and corporate CRM's & it can support thousands of concurrent users. SQL server comes with a number of tools to help you database administration & programming skills.

Hardware required:-

Hard disk space: 4GB & above.

RAM : 512 MB & above

Software required:-

Operating system: Windows XP & higher version of windows.

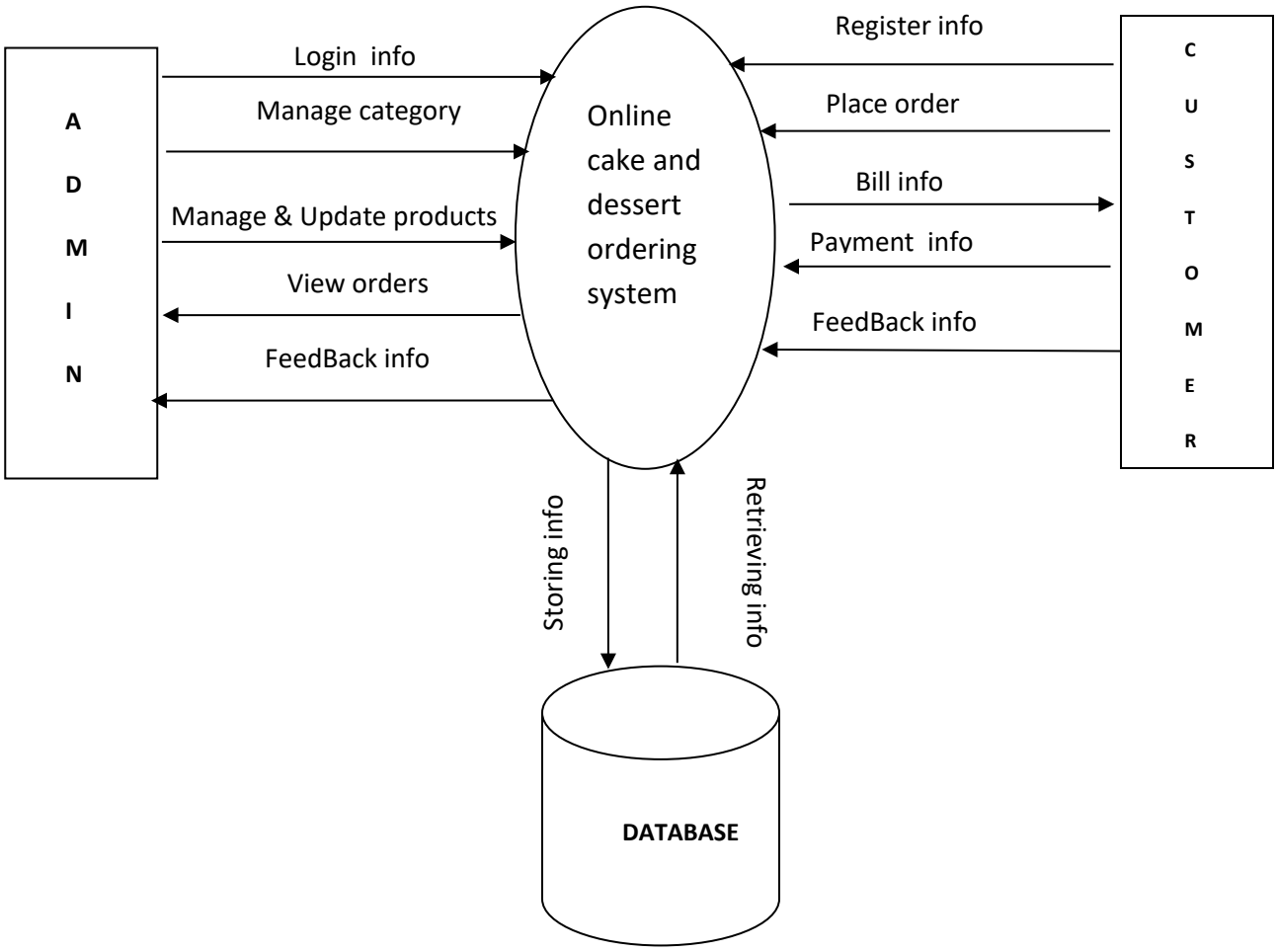
3. SYSYEM DESIGN

3.1. Description of programs

3.1.1 Context Flow Diagram (CFD):

- CFD are used to describe the detailed logic of a business process or a business rule.
- The Context Flow Diagram is a one in which the entire system is treated as a single process.
- It list all the major inputs and outputs for the system.
- It will show the flow of control through the different program.
- The CFD shows the external entity acting in the software.
- The process is shown here in CFD as a single process or a bubble

CFD (Context flow diagram):



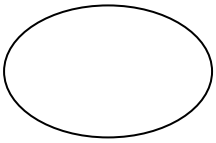
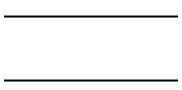
3.1.2 Data Flow Diagram (DFD):

The DFD is graphical representation that depicts information flow and the transforms that are applied as data move from input to output. The DFD may be used to represent a system or a software at any level of abstraction DFD's may be partitioned into level's that represent increasing information flow and functional details. The DFD's provides a mechanism for functional modeling as well as information flow modeling.

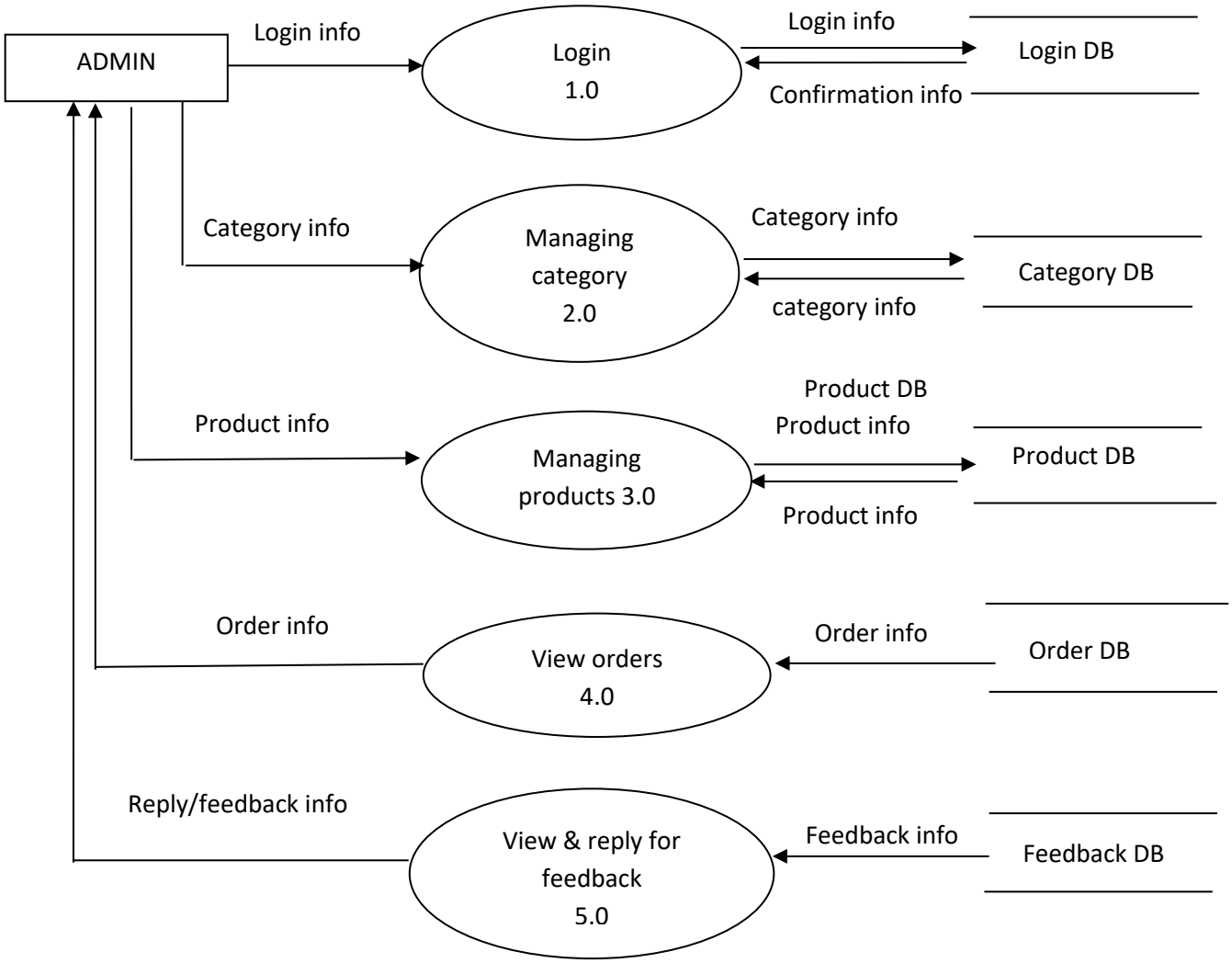
A level '0' DFD also called as fundamental system model or a context model represents the entire software element as a single bubble with input and output data indicated by incoming and outgoing arrows respectively.

A level ’1’ DFD , the context diagram is decomposed into multiple bubbles/processes. In this level we highlight the main function of the system and break down the high level process of 0 level DFD into sub processes.

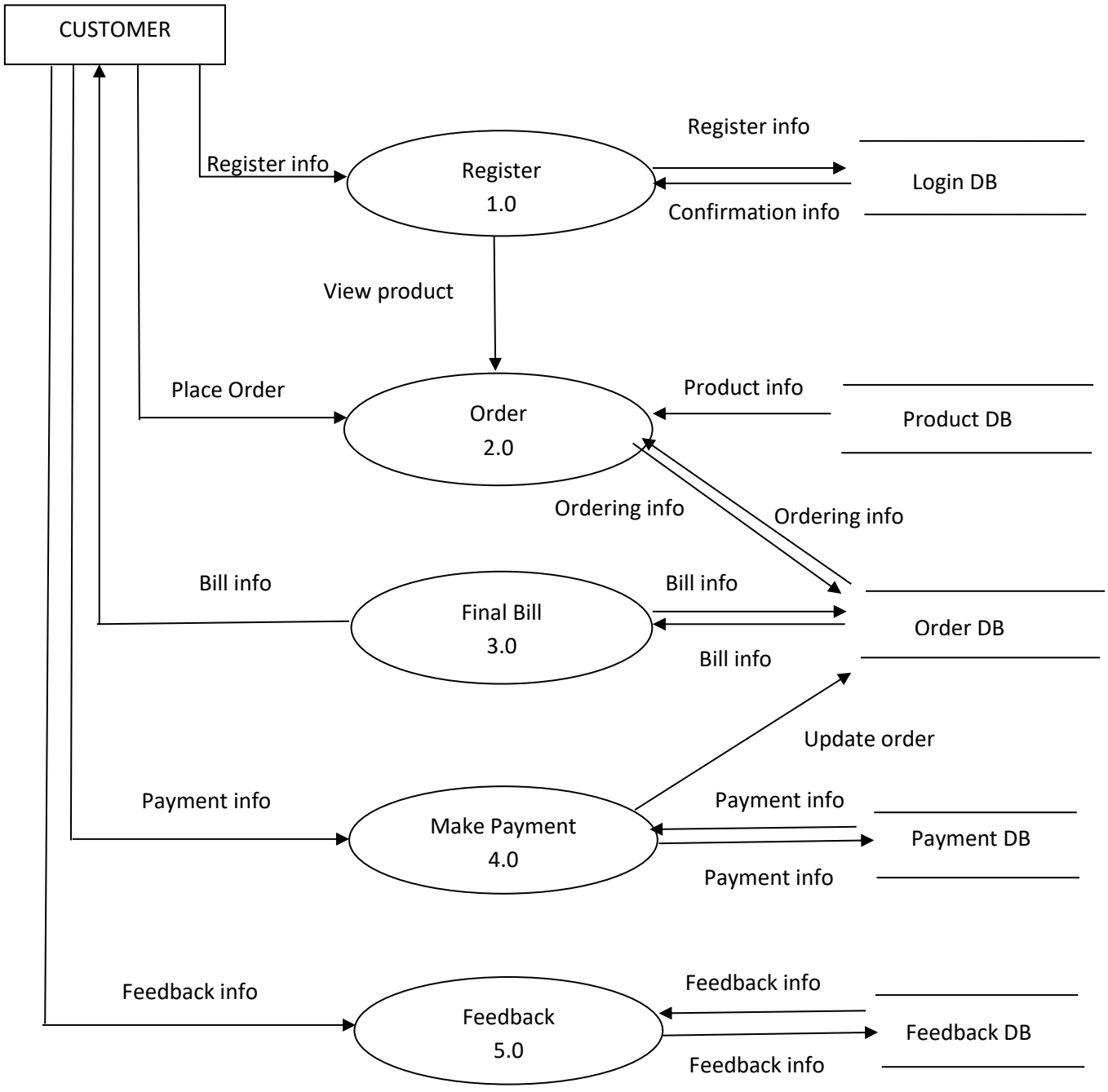
Level ‘2’ DFD goes one step deeper into parts of 1-level DFD. It can be used to plan or record the specific/necessary details about the systems functioning.

Notations	Description
	**Process:-** A circle represents a process or transformation that is applied to the data or control and change it on same ways.
	**Source or Sink:-** A rectangle represents an external entity that is a system, element or another system that produces information for transformation by software or receives information produced by the software.
	**Data Flow:-** An arrow represents one or more data items or data objects.
	**File or Database:-** The open box represents data store, stored information that is used by the software.

Level 1 DFD: **Admin side:**

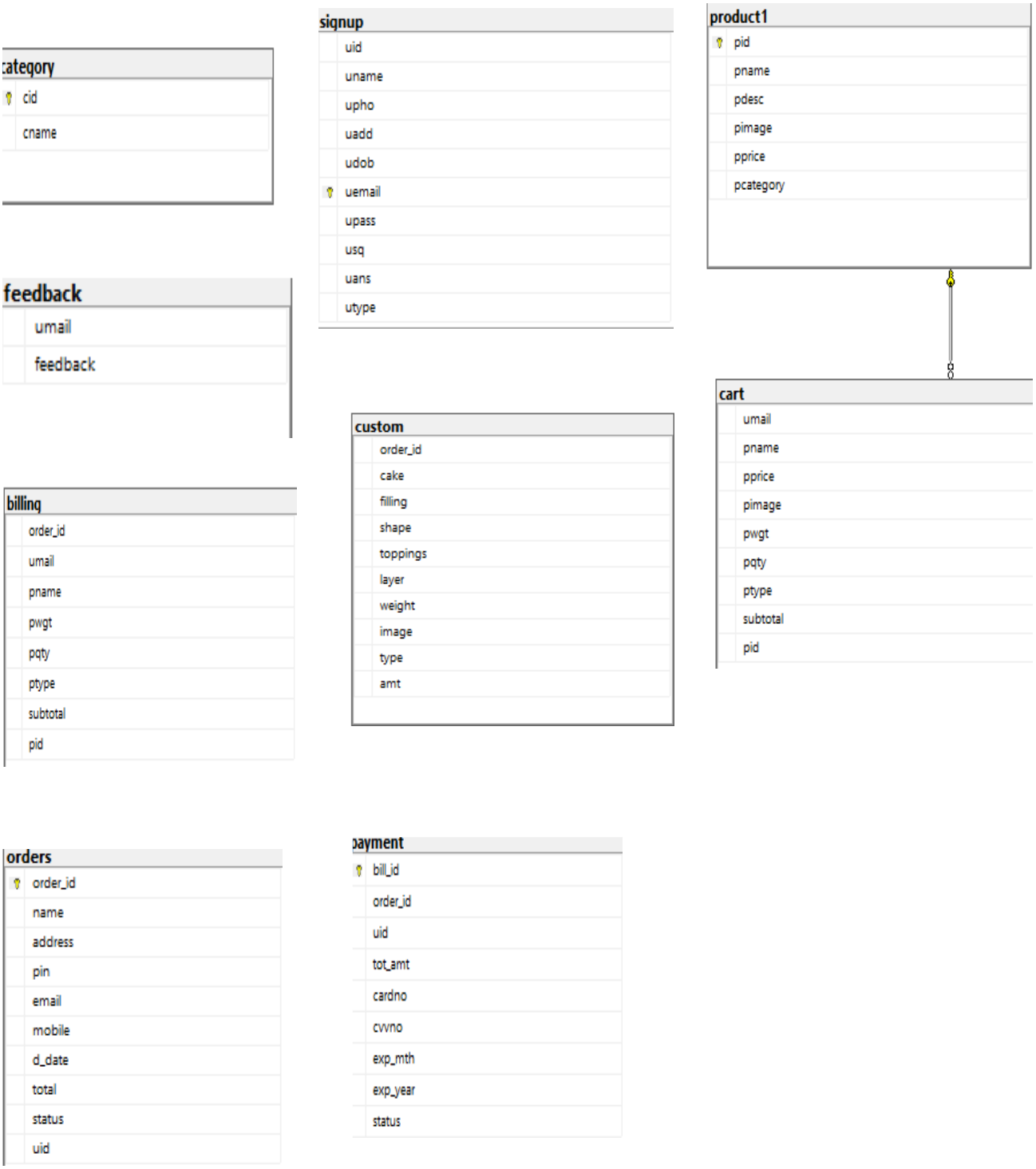


Customer side:



4.DATABASE DESIGN

4.1 Table relation :



4.2 Table Structure :

a. Cart(cart)

Field Name	Data Type	Constraint
umail	nvarchar(50)	null
pname	nvarchar(50)	null
pprice	nvarchar(50)	null
pimage	nvarchar(50)	null
pwgt	int	null
pqty	int	null
ptype	nvarchar(50)	null
subtotal	nvarchar(MAX)	null
pid	int	null

b. Category(category)

Field Name	Data Type	Constraint
cid	int	Primary key
cname	nvarchar(50)	null

c. Custom(custom)

Field Name	Data Type	Constraint
order_id	nvarchar(50)	null
cake	nvarchar(50)	null
filling	nvarchar(50)	null
shape	nvarchar(50)	null
toppings	nvarchar(50)	null
layer	nvarchar(50)	null
weight	nvarchar(MAX)	null
image	nvarchar(50)	null
type	nvarchar(50)	null
amt	nvarchar(MAX)	null

d. Product(product1)

Field Name	Data Type	Constraint
pid	int	Primary key
pname	nvarchar(50)	null
pdesc	nvarchar(MAX)	null
pimage	nvarchar(50)	null
pprice	int	null
pcategory	nvarchar(50)	null

e. SignUp(signup)

Field Name	Data Type	Constraint
uid	numeric(18,0)	null
uname	nvarchar(50)	null
upho	numeric(18,0)	null
uadd	nvarchar(50)	null
udob	date	null
uemail	nvarchar(50)	Primary key
upass	nvarchar(50)	null
usq	nvarchar(50)	null
uans	nvarchar(50)	null
utype	nvarchar(50)	null

f. Order(orders)

Field Name	Data Type	Constraint
order_id	nvarchar(50)	Primary key
name	nvarchar(50)	null
address	nvarchar(50)	null
pin	nvarchar(50)	null
email	nvarchar(50)	null
mobile	nvarchar(50)	null
d_date	date	null
total	nvarchar(50)	null
status	nvarchar(50)	null
uid	int	null

g. Payment(payment)

Field Name	Data Type	Constraint
bill_id	nvarchar(50)	primary key
order_id	nvarchar(50)	null
uid	nvarchar(50)	null
tot_amt	nvarchar(50)	null
cardno	float	null
cvvno	int	null
exp_mth	nvarchar(50)	null
exp_year	int	null
status	nvarchar(50)	null

h. Billing(billing)

Field Name	Data Type	Constraint
order_id	nvarchar(50)	null
umail	nvarchar(50)	null
pname	nvarchar(50)	null
pwgt	nvarchar(50)	null
pqty	nvarchar(50)	null
ptype	nvarchar(50)	null
subtotal	nvarchar(MAX)	null
pid	int	null

i. Feedback(feedback)

Field Name	Data Type	Constraint
umail	nvarchar(50)	null
feedback	nvarchar(MAX)	null

4.3 Data Dictionary :

1. signup=uid+uname+upho+uadd+udob+uemail+upass+usq+uans+utype

uid= {0-9}

uname= {A-Z | a-z |}

upho= {0-9}

uadd= { A-Z | a-z | 0-9 |_+@+.}

udob= {valid date & time}

uemail= {A-Z | a-z | 0-9 |_+@+.}

upass= {A-Z | a-z | 0-9 |_+@+.}

usq= {A-Z | a-z | 0-9 |?}

uans= { A-Z | a-z | 0-9 }

utype= {A-Z | a-z}

2.category=cid+cname

cid= {0-9}

cname= {A-Z | a-z }

3.product1=pid+pname+pdesc+pimage+pprice+pcategory

pid={0-9}

pname= {A-Z | a-z }

pdesc= {A-Z | a-z }

pimage={image}

pprice={0-9}

pcategory={0-9}

4.cart=umail+pname+pprice+pimage+pwgt+pqty+ptype+subtotal+pid

umail={A-Z | a-z | 0-9 |_+@+.}

pname={A-Z | a-z}

pprice= {0-9}

pimage={image}

pwgt={0-9}

pqty={0-9}

ptype={A-Z|a-z}

subtotal={0-9}

pid={0-9}

5.orders=order_id+name+address+pin+email+mobile+d_date+total+status+uid

order_id={0-9}

name={A-Z|a-z}

address={legal characters}

pin=^([0-9]{6})$

email={A-Z | a-z | 0-9 |_+@+.}

mobile=^([7-9]{1})([0-9]{9})$

d_date={valid date &time}

total={0-9}

status={A-z|a-z}

uid={0-9}

6.billing=order_id+umail+pname+pwgt+pqty+ptype+subtotal+pid

order_id={0-9}

umail={A-Z | a-z | 0-9 |_+@+.}

pname={A-Z | a-z}

pwgt={0-9}

pqty={0-9}

ptype={A-Z|a-z}

subtotal={0-9}

pid={0-9}

7.payment=bill_id+order_id+uid+tot_amt+cardno+cvvno+exp_mth+exp_year+status

bill_id={0-9}

order_id={0-9}

uid={0-9}

tot_amt={0-9}

cardno={0-9}

cvvno={0-9}

exp_mth={a-z|A-Z}

exp_year={0-9}

status={a-z|A-Z}

8.custom=order_id+cake+filling+shape+toppings+layer+weight+image+type+amt

order_id={0-9}

cake={A-Z|a-z}

filling={A-Z|a-z}

shape={A-Z|a-z}

toppings={A-Z|a-z}

layer={0-9}

weight={0-9}

image={image}

type={A-Z|a-z}

amt={0-9}

9.feedback=umail+feedback

umail={A-Z | a-z | 0-9 |_+@+.}

feedback={A-Z|0-9|a-z}

4.4 Entity Relationship Diagram [ERD]:

The Entity Relationship Diagram ERD is popular high level conceptual model. This model and its variation are frequently used for the conceptual design of database application and many database design tools employ its concepts. We describe the basic structuring concepts and constraints of ER model and discuss their use in the design of conceptual schemes for database application. We also present the diagrammatic notation known as ER-Diagram.

The main focus of ER-modeling is data items in the system and relationship between them its main aim is to create an Er-Model for the data and user perspective. The sentence can be used during the development of the database and there are methods that use Er-Model to design the database for different database modules are frequently representing as Er diagram through the model can also be represented in mathematical forms.

An entity types defines the collection of entries that have same attributes. Each entity type in database is described by its name and attributes. The collection of all entries of a particular entity types in the database at any point in the time is called as entity set. An entity describes the schema or intention for the set of entries that share same structure. The collection of entities of particular entity type is grouped into an entity set, which is also called extensions of entity type. An important constraint on the entities of an entity type is the key constraints on the attributes.

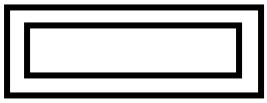
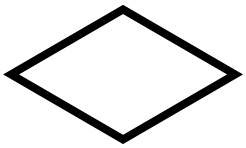
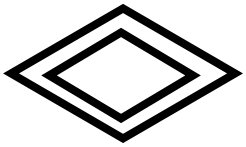
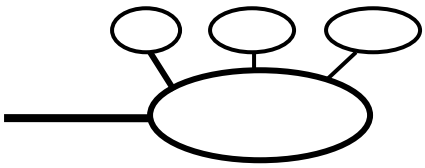
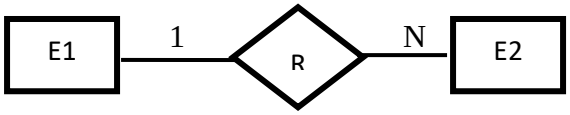
An Entity is usually has an attribute whose values are distinct for each individual entity in entity set. Such attribute is called key attribute and its value can be used to identify each entity uniquely.

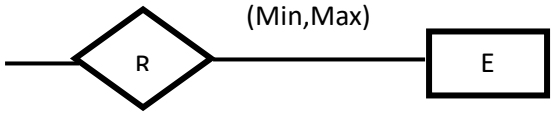
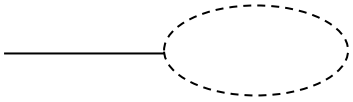
Summary of Notations of ERD:-

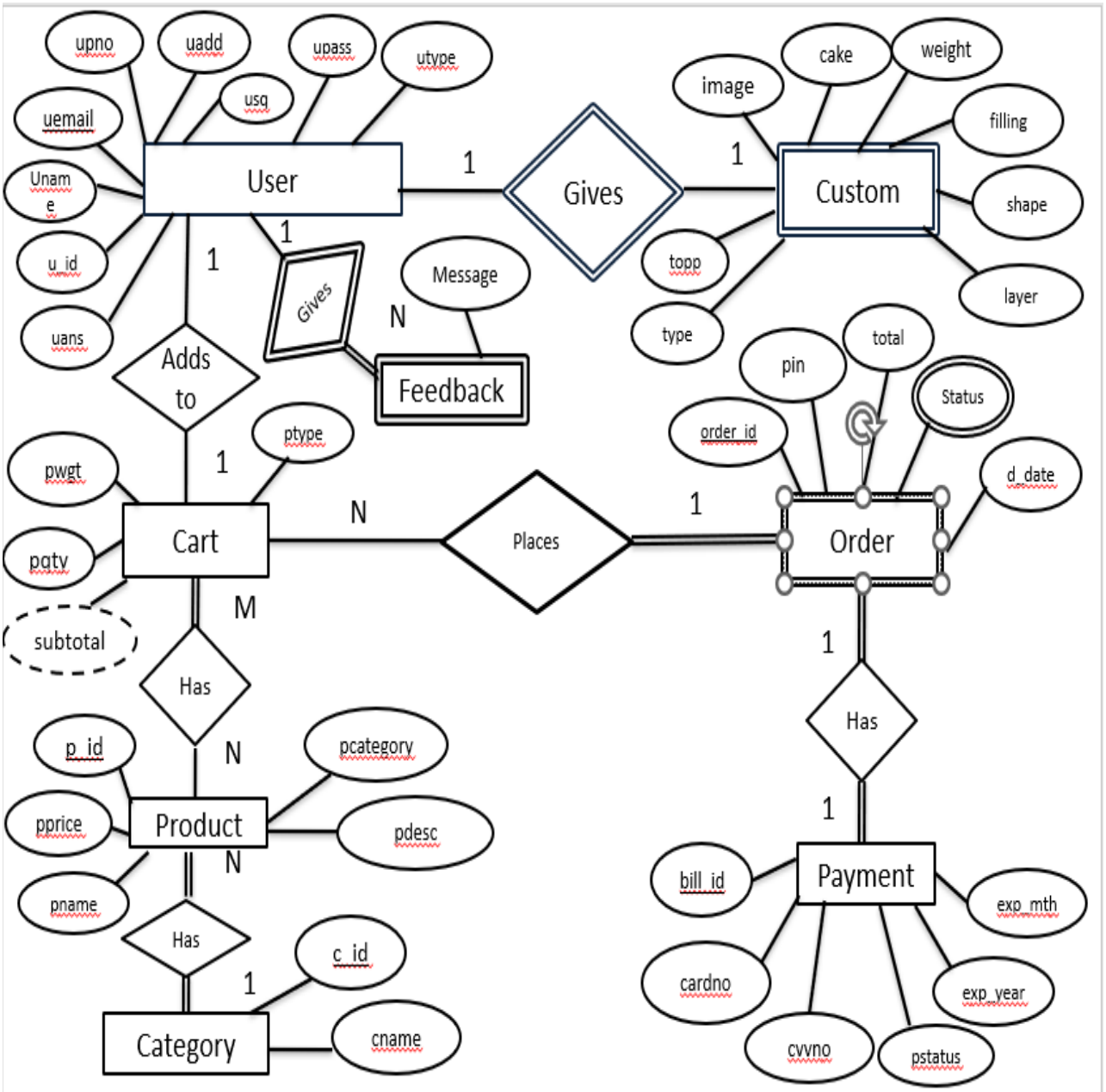
Entity types are shown in rectangles boxes. Relationship-types are shown in diamond shape boxes attached to the participating entity types with straight lines. Attributes are shown in ovals, straight line to its entity type or relationship type attaches each attribute.

Component attributes of a composite attributes are attached to a oval representing the composite attributes, multi values attribute are shown in the double ovals. Key attributes have their names underlined. Derived attributes are shown in the dotted oval.

Basic of Entity Relationship Notation:-

Symbol	Mean
	Entity
	Weak Entity
	Relationship
	Identifying Relationship
	Attribute
	Key Attribute
	Multivalued Attribute
	Composite Attribute
	Total participation of E2 in R
	Cardinality ratio 1:N for E1:E2 in R

	Structured constraint (Min, Max) on participation of E in R
	Derived Attribute



5. CODING

login.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data.Sql;
using System.Data;
using System.Net.Mail;
using System.Net;
using System.Configuration;

public partial class login : System.Web.UI.Page
{
   protected void Page_Load(object sender, EventArgs e)
   {
   }
   protected void btn_Click(object sender, EventArgs e)
   {
      SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS;Initial Catalog=fproject;Integrated Security=True;");
      con.Open();
         SqlCommand cmd = new SqlCommand("select * from signup where uemail = @uemail
and upass = @upass",con);
         cmd.Parameters.AddWithValue("@uemail", txt1.Text);
         cmd.Parameters.AddWithValue("@upass", txt2.Text);
         SqlDataAdapter da = new SqlDataAdapter(cmd);
         DataTable dt = new DataTable();
         da.Fill(dt);
         if (dt.Rows.Count > 0)
         {
         string utype;
         utype = dt.Rows[0][9].ToString().Trim();
         if(utype=="user")
         {
            Session["username"] = txt1.Text;
```

```
            Response.Write("<script>alert('login
successfull..');location.href='home.aspx'</script>");
        }
        if (utype == "admin")
        {
            Session["username"] = txt1.Text;
            Response.Write("<script>alert('login
successfull..');location.href='adminhome.aspx'</script>");
        }
      }
      else
      {
        Response.Write("<script>alert('email Id or password is incorrect')</script>");
      }
      con.Close();

   }
   private void clr()
   {
      txt1.Text = string.Empty;
      txt2.Text = string.Empty;
   }
}
```

products.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class products : System.Web.UI.Page
{
   protected void Page_Load(object sender, EventArgs e)
   {

   }
}
```

signup.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data.Sql;

public partial class signup : System.Web.UI.Page
{
   protected void Page_Load(object sender, EventArgs e)
   {
      RangeValidator1.MinimumValue = DateTime.Now.AddYears(-65).ToShortDateString();
      RangeValidator1.MaximumValue = DateTime.Now.AddYears(-18).ToShortDateString();
      if(!IsPostBack)
      {
         generate_autoid();
      }

   }
   private void generate_autoid()
   {
      SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS;Initial Catalog=fproject;Integrated Security=True;");
      con.Open();
      SqlCommand cmd = new SqlCommand("select count(*) from signup",con);
      int i = Convert.ToInt32(cmd.ExecuteScalar())+101;
      TextBox9.Text = i.ToString();
   }
   protected void Button1_Click(object sender, EventArgs e)
   {
      SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS;Initial Catalog=fproject;Integrated Security=True;");
      string ins = "insert into
signup(uid,uname,upho,uadd,udob,uemail,upass,usq,uans,utype)values('"+TextBox9.Text+"'," +
TextBox1.Text +  "'," + TextBox2.Text + "'," + TextBox8.Text + "'," + TextBox4.Text + "'," +
TextBox3.Text + "'," + TextBox6.Text + "'," + ddlsq.Text + "'," + TextBox7.Text + "','user')";
```

```
        SqlCommand cmd = new SqlCommand(ins, con);
        con.Open();
        cmd.ExecuteNonQuery();
        Response.Write("<script>alert('user is registered successfully....login to
continue..')</script>");
        clr();
        con.Close();
        Response.Redirect("login.aspx");
}
   private void clr()
    {
        TextBox1.Text =string.Empty;
        TextBox2.Text = string.Empty;
        TextBox3.Text = string.Empty;
        TextBox4.Text = string.Empty;
        TextBox5.Text = string.Empty;
        TextBox6.Text = string.Empty;
        TextBox7.Text = string.Empty;
        TextBox8.Text = string.Empty;
     }
    protected void Button2_Click1(object sender, EventArgs e)
    {
     }
}
```

updateproduct.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;
using System.IO;

public partial class updateproduct : System.Web.UI.Page
{
    string str = "Data Source=LAPTOP-G3L33VN3\\SQLEXPRESS;Initial
Catalog=fproject;Integrated Security=True";
```

```
    int productid;
    protected void Page_Load(object sender, EventArgs e)
    {

    }
    public void showProduct()
    {
        SqlConnection con = new SqlConnection(str);
        SqlDataAdapter sda = new SqlDataAdapter("select * from product1", con);
        DataTable dt = new DataTable();
        sda.Fill(dt);
        GridView1.DataSource = dt;
        GridView1.DataBind();

    }

    protected void GridView1_PageIndexChanging(object sender, GridViewPageEventArgs e)
    {
        GridView1.PageIndex = e.NewPageIndex;
        showProduct();
    }

    protected void GridView1_RowCancelingEdit(object sender, GridViewCancelEditEventArgs
e)
    {
        GridView1.EditIndex = -1;
        DropDownlist1.SelectedValue = "select category";
        showProduct();

    }

    protected void GridView1_RowEditing(object sender, GridViewEditEventArgs e)
    {
        GridView1.EditIndex = e.NewEditIndex;
        int index = e.NewEditIndex;
        GridViewRow row = (GridViewRow)GridView1.Rows[index];
        Label productID = (Label)row.FindControl("Label1");
        productid = int.Parse(productID.Text.ToString());
        SqlConnection con = new SqlConnection(str);
```

```
        SqlDataAdapter sda = new SqlDataAdapter("select * from product1 where pid='" +
productid + "'", con);
        DataTable dt = new DataTable();
        sda.Fill(dt);
        GridView1.DataSource = dt;
        GridView1.DataBind();
    }

    protected void GridView1_RowUpdating(object sender, GridViewUpdateEventArgs e)
    {
        int index = productid;
        GridViewRow row = (GridViewRow)GridView1.Rows[index];
        FileUpload fu = (FileUpload)row.FindControl("FileUpload1");
        if (fu.HasFile)
        {
            Label productID = (Label)row.FindControl("Label1");
            TextBox pname = (TextBox)row.FindControl("TextBox1");
            TextBox pdesc = (TextBox)row.FindControl("TextBox2");
            TextBox pprice = (TextBox)row.FindControl("TextBox3");
            string pcategory =
((DropDownList)GridView1.Rows[e.RowIndex].Cells[5].FindControl("DropDownlist2")).Text;
            fu.SaveAs(Server.MapPath("~/pimg/") + Path.GetFileName(fu.FileName));
            string pimage = "pimg/" + Path.GetFileName(fu.FileName);
            SqlConnection con = new SqlConnection(str);
            con.Open();
            SqlCommand cmd = new SqlCommand("update product1 set
pname=@1,pdesc=@2,pimage=@3,pprice=@4,pcategory=@5 where pid=@7",con);
            cmd.Parameters.AddWithValue("@1", pname.Text);
            cmd.Parameters.AddWithValue("@2", pdesc.Text);
            cmd.Parameters.AddWithValue("@3", pimage);
            cmd.Parameters.AddWithValue("@4", pprice.Text);
            cmd.Parameters.AddWithValue("@5", pcategory);
            cmd.Parameters.AddWithValue("@7", productID.Text);
            cmd.ExecuteNonQuery();
            con.Close();
            GridView1.EditIndex = -1;
            Response.Write("<script>alert('Product updated successfully')</script>");
            showProduct();
            DropDownlist1.SelectedValue = "select category";
```

```
        }
        else
        {
            Response.Write("<script>alert('Please select product image')</script>");
        }
    }

    protected void DropDownlist1_SelectedIndexChanged(object sender, EventArgs e)
    {
        string cname = DropDownlist1.SelectedValue.ToString();
        if(cname=="select category")
        {
            showProduct();
        }
        else
        {
            SqlConnection con = new SqlConnection(str);
            SqlDataAdapter sda = new SqlDataAdapter("select * from product1 where pcategory='"
+ cname + "'", con);
            DataTable dt = new DataTable();
            sda.Fill(dt);
            GridView1.DataSource = dt;
            GridView1.DataBind();
        }
    }
    protected void GridView1_PageIndexChanging1(object sender, GridViewPageEventArgs e)

    {
        GridView1.PageIndex = e.NewPageIndex;
        showProduct();
    }

    protected void GridView1_RowCancelingEdit1(object sender, GridViewCancelEditEventArgs
e)
    {
        GridView1.EditIndex = -1;
        DropDownlist1.SelectedValue = "select category";
        showProduct();
    }

    protected void GridView1_RowEditing1(object sender, GridViewEditEventArgs e)
```

```
    {
        GridView1.EditIndex = e.NewEditIndex;
        int index = e.NewEditIndex;
        GridViewRow row = (GridViewRow)GridView1.Rows[index];
        Label productID = (Label)row.FindControl("Label1");
        productid = int.Parse(productID.Text.ToString());
        SqlConnection con = new SqlConnection(str);
        SqlDataAdapter sda = new SqlDataAdapter("select * from product1 where pid='" +
productid + "'", con);
        DataTable dt = new DataTable();
        sda.Fill(dt);
        GridView1.DataSource = dt;
        GridView1.DataBind();
    }

     protected void GridView1_RowUpdating1(object sender, GridViewUpdateEventArgs e)
    {
        int index = productid;
        GridViewRow row = (GridViewRow)GridView1.Rows[index];
        FileUpload fu = (FileUpload)row.FindControl("FileUpload1");
        if (fu.HasFile)
        {
            Label productID = (Label)row.FindControl("Label1");
            TextBox pname = (TextBox)row.FindControl("TextBox1");
            TextBox pdesc = (TextBox)row.FindControl("TextBox2");
            TextBox pprice = (TextBox)row.FindControl("TextBox3");
            string pcategory =
((DropDownList)GridView1.Rows[e.RowIndex].Cells[5].FindControl("DropDownlist2")).Text;
            fu.SaveAs(Server.MapPath("~/pimg/") + Path.GetFileName(fu.FileName));
            string pimage = "pimg/" + Path.GetFileName(fu.FileName);
            SqlConnection con = new SqlConnection(str);
            con.Open();
            SqlCommand cmd = new SqlCommand("update product1 set
pname=@1,pdesc=@2,pimage=@3,pprice=@4,pcategory=@5 where pid=@7", con);
            cmd.Parameters.AddWithValue("@1", pname.Text);
            cmd.Parameters.AddWithValue("@2", pdesc.Text);
            cmd.Parameters.AddWithValue("@3", pimage);
            cmd.Parameters.AddWithValue("@4", pprice.Text);
            cmd.Parameters.AddWithValue("@5", pcategory);
            cmd.Parameters.AddWithValue("@7", productID.Text);
```

```
            cmd.ExecuteNonQuery();
            con.Close();
            GridView1.EditIndex = -1;
            Response.Write("<script>alert('Product updated successfully')</script>");
            showProduct();
            DropDownlist1.SelectedValue = "select category";
        }
        }
}
```

addcategory.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class addcategory : System.Web.UI.Page
{
   String str = "Data Source=LAPTOP-G3L33VN3\\SQLEXPRESS;Initial
Catalog=fproject;Integrated Security=True";
   protected void Page_Load(object sender, EventArgs e)
   {

      if (!IsPostBack)
      {
         ShowGrid();
         g_autocat();
      }
   }

   protected void Button1_Click(object sender, EventArgs e)
   {
      SqlConnection con1 = new SqlConnection(str);
      SqlDataAdapter sda = new SqlDataAdapter("select * from category where cname='" +
TextBox1.Text.ToString() + "'", con1);
```

```
        DataTable dt = new DataTable();
        sda.Fill(dt);
        if (dt.Rows.Count == 1)
        {
            Response.Write("<script>alert('This category is already present');</script>");
        }
        else
        {
            SqlConnection con = new SqlConnection(str);
            con.Open();
            SqlCommand cmd = new SqlCommand("Insert into category values (@cid,@cname)",
con);
            cmd.Parameters.AddWithValue("@cid", TextBox3.Text);
            cmd.Parameters.AddWithValue("@cname", TextBox1.Text);
            cmd.ExecuteNonQuery();
            con.Close();
            Response.Write("<script>alert('1 record added');</script>");
            TextBox1.Text = "";
            g_autocat();
            ShowGrid();

        }
    }
    private void g_autocat()
    {
        SqlConnection con2 = new SqlConnection(str);
        con2.Open();
        SqlCommand cmd = new SqlCommand("select count(*) from category", con2);
        int i = Convert.ToInt32(cmd.ExecuteScalar()) + 01;
        TextBox3.Text = i.ToString();

}
    public void ShowGrid()
    {
        SqlConnection conn = new SqlConnection(str);
        SqlDataAdapter sda = new SqlDataAdapter("select * from category", conn);
        DataTable dt = new DataTable();
        sda.Fill(dt);
        GridView1.DataSource = dt;
        GridView1.DataBind();
```

```
    }
    protected void GridView1_PageIndexChanging1(object sender, GridViewPageEventArgs e)
    {
        GridView1.PageIndex = e.NewPageIndex;
        ShowGrid();
    }

    protected void GridView1_RowCancelingEdit1(object sender, GridViewCancelEditEventArgs
e)
    {
        GridView1.EditIndex = -1;
        ShowGrid();
    }

    protected void GridView1_RowDeleting1(object sender, GridViewDeleteEventArgs e)
    {
        int cId = Convert.ToInt32(GridView1.DataKeys[e.RowIndex].Values[0]);
        SqlConnection con1 = new SqlConnection(str);
        con1.Open();
        SqlCommand cmd1 = new SqlCommand("delete from category where cid=@1", con1);

        cmd1.Parameters.AddWithValue("@1", cId);
        cmd1.ExecuteNonQuery();
        con1.Close();
        Response.Write("<script>alert('Category deleted successfully');</script>");

    }

    protected void GridView1_RowEditing1(object sender, GridViewEditEventArgs e)
    {
        GridView1.EditIndex = e.NewEditIndex;
        ShowGrid();
    }

    protected void GridView1_RowUpdating1(object sender, GridViewUpdateEventArgs e)
    {
        GridViewRow row = GridView1.Rows[e.RowIndex];
        int cId = Convert.ToInt32(GridView1.DataKeys[e.RowIndex].Values[0]);
        string categoryName = (row.FindControl("TextBox4") as TextBox).Text;
        SqlConnection con2 = new SqlConnection(str);
```

```
        con2.Open();
        SqlCommand cmd1 = new SqlCommand("update category set cname=@1 where cid=@2",
con2);
        cmd1.Parameters.AddWithValue("@1", categoryName);
        cmd1.Parameters.AddWithValue("@2", cId);
        cmd1.ExecuteNonQuery();
        con2.Close();
        Response.Write("<script>alert('Category updated successfully');</script>");
        GridView1.EditIndex = -1;
    }
}
```

addproduct.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class addproduct : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
    }

    protected void btnSubmit_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS;Initial Catalog=fproject;Integrated Security=True");

        if (imageUpload.HasFile)
        {

            string filename = imageUpload.PostedFile.FileName;
            string filepath = "pimg/" + imageUpload.FileName;
            imageUpload.PostedFile.SaveAs(Server.MapPath("~/pimg/") + filename);
```

```
        con.Open();
        SqlCommand cmd = new SqlCommand("Insert into product1 values('" + txtName.Text +
"','" + txtDesc.Text + "','" + filepath + "','" + txtPrice.Text + "','" + ddlist.SelectedItem.Text + "')",
con);
        cmd.ExecuteNonQuery();
        con.Close();
        Response.Write("<script>alert('Product added successfully');</script>");
        txtName.Text = "";
        txtDesc.Text = "";
        txtPrice.Text = "";
    }
  }}
```

AdminMasterPage.master.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class AdminMasterPage : System.Web.UI.MasterPage
{
  protected void Page_Load(object sender, EventArgs e)
  {

  }

  protected void btnadminlogout_Click(object sender, EventArgs e)
  {
    Response.Redirect("login.aspx");
    Session["username"] = null;
  }}
```

User.master.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class User : System.Web.UI.MasterPage
{
    protected void Page_Load(object sender, EventArgs e)
    {
        bindcartnumber();
        if (Session["username"] != null)
        {
            btnlogout.Visible = true;
            btnlogin.Visible = false;
         }
        else
        {
            btnlogout.Visible = false;
            btnlogin.Visible=true;
             Response.Redirect("~/index.aspx");
        }
    }

    protected void btnlogout_Click(object sender, EventArgs e)
    {

        Response.Redirect("index.aspx");
        Session["username"] = null;
    }

    protected void btnlogin_Click(object sender, EventArgs e)
    {
        Response.Redirect("login.aspx");
    }
    public void bindcartnumber()
    {
```

```
        if (Request.Cookies["cartid"] != null)
        {
            string cookiepid = Request.Cookies["cartpid"].Value.Split('=')[1];
            string[] productarray = cookiepid.Split(',');
            int productcount = productarray.Length;
            pcount.InnerText = productcount.ToString();
        }
        else
        {
            pcount.InnerText = 0.ToString();
        }
    }
}
```

billing.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class billing : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");
    private SqlDataReader dr1;
    private SqlDataReader dr2;
    string a, b, c, d, e, f;
    int m;
    string st = "";
    string oi = "";
    int count;

    protected void Page_Load(object sender, EventArgs e)
    {
```

```
        Panel2.Visible = false;
        Button1.Visible = false;
        GridView1.Visible = true;
        DateTime dt = DateTime.Now;
        lbl_date.Text = Convert.ToString(dt);

        lbloid.Text =  Session["oid"].ToString();
        con.Open();
        string ins1 = "select uid,uname from signup where uemail='" + Session["username"] + "'";
        SqlCommand cmd1 = new SqlCommand(ins1, con);
        dr1 = cmd1.ExecuteReader();
        while (dr1.Read())
        {
            lblcid.Text = Convert.ToString(dr1.GetDecimal(0));
            lblname.Text = dr1.GetString(1);
        }

        lblbookdate.Text = Convert.ToString(dt);
        con.Close();
        bindproducts();

        if (!IsPostBack)
        {

         }

    }
    private void bindproducts()
    {
        con.Open();
        string ins = "select umail,pname,pprice,pimage,pwgt,pqty,ptype,subtotal from cart where
umail='" + Session["username"] + "'";
        SqlCommand cmd = new SqlCommand(ins, con);
        using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
        {
            DataTable dt = new DataTable();
            sda.Fill(dt);
            GridView1.DataSource = dt;
            GridView1.DataBind();
            count = GridView1.Rows.Count;
```

```
        foreach(DataRow dr in dt.Rows)
        {
            m += Convert.ToInt32(dr.ItemArray[7]);
        }
      }
        lblamount.Text = m.ToString()
  }

   protected void btn_pay_Click(object sender, EventArgs e)
   {
      Panel1.Visible = false;
      Panel2.Visible = true;
      btn_pay.Visible = false;
      Button1.Visible = true;
      SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");
      con.Open();
      string ins1 = "select uname,uemail,upho,uadd from signup where uemail='" +
Session["username"] + "'";
      SqlCommand cmd = new SqlCommand(ins1, con);
      dr1 = cmd.ExecuteReader();
      while (dr1.Read())
      {
         txtName.Text = dr1.GetString(0);
         TextBox3.Text = dr1.GetString(1);
        txtMobileNumber.Text=Convert.ToString(dr1.GetDecimal(2));
         txtAddress.Text = dr1.GetString(3);
      }
   }

   protected void Button1_Click(object sender, EventArgs e)
   {
      string nt;
      nt = Session["oid"].ToString();
      string cont;
      cont = Session["username"].ToString();
      SqlConnection conn= new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");
      conn.Open();
```

```
        string or = "insert into orders values('" + Session["oid"] + "','" + txtName.Text + "','" +
txtAddress.Text + "','" + txtPinCode.Text + "', '" + TextBox3.Text + "','" +
txtMobileNumber.Text + "', '" + TextBox4.Text + "','" + lblamount.Text + "','"+st+"','" +
lblcid.Text + "')";
        SqlCommand cmd = new SqlCommand(or,conn);
        cmd.ExecuteNonQuery();

        string bl="update billing set order_id='" +Session["oid"]+"' where order_id is NULL";
        SqlCommand cmd1 = new SqlCommand(bl, conn);
        cmd1.ExecuteNonQuery();
        con.Close();

Response.Redirect("payment.aspx");

}
}
```

cart2.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Data;
using System.Data.SqlClient;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;


public partial class cart2 : System.Web.UI.Page
{
   private SqlDataReader dr1;

   protected void Page_Load(object sender, EventArgs e)
   {
      if (!IsPostBack)
      {
         bindCartP();
      }
```

```
    }

    private void bindCartP()
    {


        int CartTotal = 0;

        SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01;Initial Catalog=fproject;Integrated Security=True;");

        con.Open();
        string ins = "select pname,pprice,pimage,pwgt,pqty,ptype,subtotal from cart where umail='"
+ Session["username"] + "'";
        SqlCommand cmd = new SqlCommand(ins, con);

        using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
        {
            DataTable dt = new DataTable();
            sda.Fill(dt);
            Repeater1.DataSource = dt;
            Repeater1.DataBind();
        }
        Int64 pid = Convert.ToInt64(Request.QueryString["pid"]);

        SqlCommand cmd1 = new SqlCommand();
        cmd1.CommandType = CommandType.Text;
        cmd1.CommandText = "select subtotal from cart where umail='" + Session["username"] +
"'";
        cmd1.Connection = con;
        dr1 = cmd1.ExecuteReader();
        while (dr1.Read())
        {
            for (int i = 0; i < dr1.FieldCount; i++)
            {
                int t = Convert.ToInt32(dr1.GetString(i));
                CartTotal = CartTotal + t;
                spancarttotal.InnerText = CartTotal.ToString();
                carttotal.InnerText = CartTotal.ToString();
            }
        }
```

```
        con.Close();
    }
  protected void Button1_Click(object sender, EventArgs e)
  {
    SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01;Initial Catalog=fproject;Integrated Security=True;");
    con.Open();


    string ins = "select pid from cart where umail='" + Session["username"] + "'";
    SqlCommand cmd1 = new SqlCommand(ins, con);


    dr1 = cmd1.ExecuteReader();

    while (dr1.Read())
    {
      SqlConnection con2 = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01;Initial Catalog=fproject;Integrated Security=True;");
      con2.Open();
      for (int i = 0; i < dr1.FieldCount; i++)
      {
        int t = Convert.ToInt32(dr1.GetInt32(i));
        string ins1 = "delete from cart where umail='" + Session["username"] + "' and pid='" +
t + "'";
        SqlCommand cmd2 = new SqlCommand(ins1, con2);
        cmd2.ExecuteNonQuery();
        Response.Redirect("cart2.aspx");


      }
    }
    con.Close();
 }
    protected void btnBuy_Click(object sender, EventArgs e)
  {
    if (Session["username"] != null)
    {
      Response.Redirect("~/billing.aspx");
    }
    else
```

```
        {
            Response.Redirect("~/login.aspx?rurl=cart2");
        }
    }
}
```

home.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class home : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        bindcartnumber();
        bindod();
        if (Session["username"] != null)
        {
            btnlogout.Visible = true;
            btnlogin.Visible = false;
            lblsuccess.Text = "Login success..Welcome " + Session["username"].ToString();

        }
        else
        {
            btnlogout.Visible = false;
            btnlogin.Visible = true;
        }
    }

    private void bindod()
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");
```

```
        con.Open();
        SqlCommand com = new SqlCommand("select count(*) from orders", con);
        int i = Convert.ToInt32(com.ExecuteScalar()) + 1001;
        lbloid.Text = i.ToString();
        Session["oid"] = lbloid.Text;
    }

    protected void btnlogout_Click(object sender, EventArgs e)
    {
        Session.Abandon();
        Session["username"] = null;
        Response.Redirect("~/index.aspx");
    }

    protected void btnlogin_Click(object sender, EventArgs e)
    {
        Response.Redirect("~/login.aspx");
    }
    public void bindcartnumber()
    {
        if (Request.Cookies["cartid"] != null)
        {
            string cookiepid = Request.Cookies["cartpid"].Value.Split('=')[1];
            string[] productarray = cookiepid.Split(',');
            int productcount = productarray.Length;
            pcount.InnerText = productcount.ToString();
        }
        else
        {
            pcount.InnerText = 0.ToString();
        }
    }
}
```

index.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
```

```
using System.Web.UI;
using System.Web.UI.WebControls;

public partial class index : System.Web.UI.Page
{
   protected void Page_Load(object sender, EventArgs e)
   {
      bindcartnumber();
      if (Session["username"] != null)
      {
         btnlogout.Visible = true;
         btnloginsignup.Visible = false;

      }
      else
      {
         btnlogout.Visible = false;
         btnloginsignup.Visible = true;
      }
   }
   public  void bindcartnumber()
   {
      if (Request.Cookies["cartid"] != null)
      {
         string cookiepid = Request.Cookies["cartpid"].Value.Split('=')[1];
         string[] productarray = cookiepid.Split(',');
         int productcount = productarray.Length;
         pcount.InnerText = productcount.ToString();
      }
      else
      {
         pcount.InnerText= 0.ToString();
      }
   }
   protected void btnlogout_Click(object sender, EventArgs e)
   {
      Session["username"] = null;
      Response.Redirect("index.aspx");
      }
}
```

Payment.aspx.cs:

```
using paytm;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Windows.Forms;


public partial class payment : System.Web.UI.Page
{
   string exp_month;
   string exp_year;
   string status = "Paid";
   string status1 = "Ordered";
   string st1 = "";
   protected void Page_Load(object sender, EventArgs e)
   {
      DateTime dt = DateTime.Now;
      lbldate.Text = Convert.ToString(dt);
      lbl_bid.Text = Session["oid"].ToString();

          SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");

      con.Open();
      string ins2 = "select total,uid from orders where order_id='" + Session["oid"] + "'";
      SqlCommand cmd = new SqlCommand(ins2, con);
      DataTable dr = new DataTable();
      SqlDataAdapter da = new SqlDataAdapter(cmd);
      da.Fill(dr);
      if (dr.Rows.Count > 0)
      {
         lbl_amt.Text = dr.Rows[0]["total"].ToString();
         lbl_uid.Text = dr.Rows[0]["uid"].ToString();
```

```
        }
        if (!IsPostBack)
        {
            generate_auto_id();

        }
    }
    private void generate_auto_id()
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");

        con.Open();
        SqlCommand com2 = new SqlCommand("select count(*) from payment", con);
        int i = Convert.ToInt32(com2.ExecuteScalar()) + 3001;
        lbl_blid.Text = i.ToString();

    }

    protected void btn_pay_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");
        con.Open();
        string ins = "insert into payment values('" + lbl_blid.Text + "','" + lbl_bid.Text + "','" +
lbl_uid.Text + "','" + lbl_amt.Text + "','" + Convert.ToInt64(txt_cardnum.Text) + "','" +
Convert.ToInt64(txt_cvv.Text) + "','" + exp_month + "','" + Convert.ToInt64(exp_year) + "','" +
st1 + "')";
        SqlCommand com = new SqlCommand(ins, con);
        com.ExecuteNonQuery();

        string ins4 = "update payment set status='" + status + "' where bill_id='" + lbl_blid.Text +
"'";
        SqlCommand com4 = new SqlCommand(ins4, con);
        com4.ExecuteNonQuery();
        string ins5 = "update orders set status='" + status1 + "' where order_id='" + lbl_bid.Text +
"'";
        SqlCommand com5 = new SqlCommand(ins5, con);
        com5.ExecuteNonQuery();
        string ins6 = "delete from cart where umail='" + Session["username"] + "'";
```

```
    SqlCommand com6 = new SqlCommand(ins6, con);
    com6.ExecuteNonQuery();
    con.Close();

    MessageBox.Show("Payment successfull");
    Response.Redirect("myorders.aspx");

}

protected void drp_month_SelectedIndexChanged(object sender, EventArgs e)
{
    if (drp_month.SelectedIndex == 1)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 2)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 3)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 4)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 5)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 6)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 7)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 8)
```

```
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 9)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 10)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 11)
    {
        exp_month = drp_month.Text;
    }
    else if (drp_month.SelectedIndex == 12)
    {
        exp_month = drp_month.Text;
    }
}

protected void drp_year_SelectedIndexChanged(object sender, EventArgs e)
{

    if (drp_year.SelectedIndex == 1)
    {
        exp_year = drp_year.Text;
    }

    else if (drp_year.SelectedIndex == 2)
    {
        exp_year = drp_year.Text;
    }
    else if (drp_year.SelectedIndex == 3)
    {
        exp_year = drp_year.Text;
    }
    else if (drp_year.SelectedIndex == 4)
    {
        exp_year = drp_year.Text;
```

```
}
else if (drp_year.SelectedIndex == 5)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 6)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 7)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 8)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 9)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 10)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 11)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 12)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 13)
{
   exp_year = drp_year.Text;
}
else if (drp_year.SelectedIndex == 14)
{
   exp_year = drp_year.Text;
```

```
        }

    }

    protected void btn_cancel_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01; Initial Catalog =fproject; Integrated Security = True");
        string ins3 = "delete from orders where order_id='" + lbl_bid.Text + "' and uid='" +
lbl_uid.Text + "'";
        con.Open();
        SqlCommand com3 = new SqlCommand(ins3, con);

        com3.ExecuteNonQuery();
        con.Close();
    }
}
```

productview.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class productview : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data Source=DESKTOP-
R2RVAOK\\SQLEXPRESS01;Initial Catalog=fproject;Integrated Security=True;");
    private object pname;
    private SqlDataReader dr;

    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
```

```
            bindProductImage();
            bindPDetails();
        }
    }

    private void bindPDetails()
    {
        Int64 PID = Convert.ToInt64(Request.QueryString["pid"]);
        con.Open();
        using (SqlCommand cmd = new SqlCommand("select pname,pdesc,pprice from product1
where pid='" + PID + "'", con))
        {
            cmd.CommandType = CommandType.Text;
            using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
            {
                DataTable dt = new DataTable();
                sda.Fill(dt);
                rptrpdetails.DataSource = dt;
                rptrpdetails.DataBind();
            }

        }
    }

    private void bindProductImage()
    {
        Int64 pid= Convert.ToInt64(Request.QueryString["pid"]);

        using (SqlCommand cmd = new SqlCommand("select pimage from product1 where pid='"
+ pid + "'", con))
        {
            cmd.CommandType = CommandType.Text;
            using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
            {
                DataTable dt = new DataTable();
                sda.Fill(dt);
                rptrimage.DataSource = dt;
                rptrimage.DataBind();
            }
        }
```

```
    }
    protected string GetActiveImgClass(int ItemIndex)
    {
        if (ItemIndex == 0)
        {
            return "active";
        }
        else
        {
            return "";
        }
    }

    protected void btnaddtocart_Click1(object sender, EventArgs e)

    {
            string cont;
            cont = Session["username"].ToString();
            string ddlst1,ddlst2;
            String SelectedType = string.Empty;
            foreach (RepeaterItem item in rptrpdetails.Items)
            {
                if (item.ItemType == ListItemType.Item || item.ItemType ==
ListItemType.AlternatingItem)
                {
                    Int64 pid = Convert.ToInt64(Request.QueryString["pid"]);
                    var rbtype = item.FindControl("RadioButtonList1") as RadioButtonList;
                    SelectedType = rbtype.SelectedItem.Text;
                    var dl1 = item.FindControl("DropDownList1") as DropDownList;
                    var dl2 = item.FindControl("DropDownList2") as DropDownList;

                    ddlst1 = dl1.SelectedValue;
                    ddlst2 = dl2.SelectedValue;

                con.Open();
                SqlCommand cmd1 = new SqlCommand();
                cmd1.CommandType = CommandType.Text;
                cmd1.CommandText = "select pprice from product1 where pid='" + pid+ "'";
                cmd1.Connection = con;
                dr = cmd1.ExecuteReader();
```

```
            dr.Read();
            int d = dr.GetInt32(0);
            con.Close();
            int ot = Convert.ToInt32(ddlst1) * Convert.ToInt32(ddlst2)*d;
            string ins = "insert into
cart(umail,pname,pprice,pimage,pwgt,pqty,ptype,subtotal,pid)values('" + cont + "',(select pname
from product1 where pid='" + pid + "'),(select pprice from product1 where pid='" + pid +
"'),(select pimage from product1 where pid='" + pid + "'),'" + ddlst1 + "','" + ddlst2 + "','" +
SelectedType + "','"+ot+"','" + pid + "')";
                // string ins = "insert into cart(umail,pname,pprice,pwgt,pqty,ptype)values('"
+cont+"','"+name+"','" + price + "','"+ddlst1+"','"+ddlst2+ "','" + SelectedType + "')";
                SqlCommand cmd = new SqlCommand(ins, con);
                con.Open();
                cmd.ExecuteNonQuery();
            string ns = "insert into billing(umail,pname,pwgt,pqty,ptype,subtotal,pid)values('" +
cont + "',(select pname from product1 where pid='" + pid + "'),'" + ddlst1 + "','" + ddlst2 + "','" +
SelectedType + "','" + ot + "','" + pid + "')";
            SqlCommand cmd2 = new SqlCommand(ns, con);
            cmd2.ExecuteNonQuery();
            con.Close();

            var lblerror = item.FindControl("lblerror") as Label;
                lblerror.Text = "";
            }
        }
        if (SelectedType != "")
        {
            Int64 pid = Convert.ToInt64(Request.QueryString["pid"]);
            if (Request.Cookies["cartpid"] != null)
            {
                string cookiepid = Request.Cookies["cartpid"].Value.Split('=')[1];
                cookiepid = cookiepid + "," + pid + "-" + SelectedType;
                HttpCookie CartProducts = new HttpCookie("cartpid");
                CartProducts.Values["cartpid"] = cookiepid;
                CartProducts.Expires = DateTime.Now.AddDays(30);
                Response.Cookies.Add(CartProducts);
            }
            else
            {
                HttpCookie CartProducts = new HttpCookie("cartpid");
```

```
                CartProducts.Values["cartpid"] = pid.ToString() + "-" + SelectedType;
                CartProducts.Expires = DateTime.Now.AddDays(30);
                Response.Cookies.Add(CartProducts);
            }
            Response.Redirect("~/productview.aspx?pid=" + pid);
        }
        else
        {
            foreach (RepeaterItem item in rptrpdetails.Items)
            {
                if (item.ItemType == ListItemType.Item || item.ItemType ==
ListItemType.AlternatingItem)
                {
                    var lblerror = item.FindControl("lblerror") as Label;
                    lblerror.Text = "Please select a Cake-type";
                }
            }

        }
    }
}
```

cart2.aspx:

```
<%@ Page Title="" Language="C#" MasterPageFile="~/User.master" AutoEventWireup="true"
CodeFile="cart2.aspx.cs" Inherits="cart2" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
    <style>
      .removebtn{
          border-radius: 3px;
   outline: 0;
   margin-top: 10px;
  font-size: 13px;
  min-height: 22px;
  min-width: 90px;
  font-weight: 500;
  background-color: #FF5722;
  border: 1px solid #FF5722;
  color: #fff;
```

```
        }
        .priceGray {
    font-size: 15px;
    font-family: sans-serif;
    font-weight: 400;
    color: dimgray;
}
        .proNameViewCart {
    font-size: 15px;
    line-height: 25px;
    font-family: sans-serif;
    font-weight: 600;
    color: #696e80;
}
         .buyNowbtn {
    border-radius: 3px;
    outline: 0;
    margin-top: 10px;
    margin-bottom: 20px;
    font-size: 13px;
    min-height: 22px;
    padding: 10px 15px;
    font-weight: 500;
    background-color: #14cda8;
    border: 1px solid #14cda8;
    width: 100%;
}
    </style>
    <br />
    <br />
    <br/>
    <div class="row" style="padding-top: 50px;margin-left:50px;">
      <div class="col-md-8">
          <h4 class="proNameViewCart" runat="server" id="h4noitems">MY CART</h4>
        <asp:Repeater ID="Repeater1" runat="server">
            <ItemTemplate>
         <div class="media" style="border:1px solid black;">
            <div class="media-left">
               <a href="#">
```

```
                <img class="media-object" width="100px" src="<%#Eval("pimage") %>" alt=".."
/>
            </a>
          </div>
          <div class="media-body" style="margin-left:5px">
            <h4 class="media-heading proNameViewCart"><%#Eval("pname") %></h4>
            <div style="display:flex;font-size:12px">
            <p><b>Weight:</b><%#Eval("pwgt")%></p>
            <p style="margin-left:10px"><b>Quantity:</b><%#Eval("pqty") %></p>
            <p style="margin-left:10px"><b>Type</b><%#Eval("ptype") %></p>
            </div>
            <p style="color:crimson"><b>SubTotal:</b>Rs.<%#Eval("subtotal") %><br />
              <asp:button id="Button1" runat="server" text="REMOVE"
CssClass="removebtn" onclick="Button1_Click"/>
            </p>
           </div>
          <br />
        </div>
          </ItemTemplate>
</asp:Repeater>
      </div>
       <div class="col-md-3">
         <div>
           <h5>PRICE DETAILS</h5>
          <div>
              <label>Cart Total:</label>
              <span class="priceGray" style="margin-left:150px" runat="server"
id="spancarttotal"></span>
         </div>
            <div>
              <label>Discount(if):</label>
              <span class="priceGray" style="margin-left:150px">0</span>
         </div>
         </div>
         <div class="proPriceView">
           <b><label>Total:</label>
              <span class="pull-right" style="margin-left:150px" runat="server"
id="carttotal"></span></b>
         </div>
         <div>
```

```
            <asp:Button ID="btnBuy" runat="server" Text="BUY-NOW" CssClass="buyNowbtn"
OnClick="btnBuy_Click"/>
          </div>
      </div>
   </div>
</asp:Content>
```

custom.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="custom.aspx.cs"
Inherits="custom" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
   <title></title>
   <link href="customcss.css" rel="stylesheet" />
</head>
<body>
   <form id="form1" runat="server">
      <div role="main" class="form-all" style="margin:0 auto;text-align:center" >
          <div>
             <br />
             <img alt=""  class="form-image" style="border:0" src="img/custom.png"/>
          </div>
         <div class="header">
            <h1>Delicious Custom Cakes</h1>
         </div>
       <div class="container">
         <div class="list">
            <asp:Label ID="Label3" runat="server" Text="Choose a cake"
CssClass="cake"></asp:Label>
            <br /><br />
            <asp:RadioButtonList ID="RadioButtonList1" runat="server">
               <asp:ListItem Value="Chocolate">Chocolate</asp:ListItem>
               <asp:ListItem Value="Strawberry">Strawberry</asp:ListItem>
               <asp:ListItem Value="Venilla">Venilla</asp:ListItem>
               <asp:ListItem Value="Red Velvet">Red Velvet</asp:ListItem>
               <asp:ListItem Value="Confetti">Confetti</asp:ListItem>
```

```
            <asp:ListItem Value="Watermelon">Watermelon</asp:ListItem>
            <asp:ListItem Value="Pista">Pista</asp:ListItem>
            <asp:ListItem Value="Pineapple">Pineapple</asp:ListItem>
            <asp:ListItem Value="Coffee">Coffee</asp:ListItem>
          </asp:RadioButtonList>
        </div>
        <div class="list">
          <asp:Label ID="Label1" runat="server" Text="Choose a filling"
CssClass="cake"></asp:Label><br /><br />
          <asp:RadioButtonList ID="RadioButtonList2" runat="server">
            <asp:ListItem Value="Chocolate">Chocolate</asp:ListItem>
            <asp:ListItem Value="Strawberry">Strawberry</asp:ListItem>
            <asp:ListItem Value="Venilla">Venilla</asp:ListItem>
            <asp:ListItem Value="Cheese cream">Cheese cream</asp:ListItem>
            <asp:ListItem Value="ButterCream">ButterCream</asp:ListItem>
            <asp:ListItem Value="Honey">Honey</asp:ListItem>
          </asp:RadioButtonList>

        </div>
         <div class="list">
          <asp:Label ID="Label2" runat="server" Text="Choose a Shape"
CssClass="cake"></asp:Label><br /><br />
          <asp:RadioButtonList ID="RadioButtonList3" runat="server">
            <asp:ListItem Value="Square">Square</asp:ListItem>
            <asp:ListItem Value="Rectangle">Rectangle</asp:ListItem>
            <asp:ListItem Value="Circle">Circle</asp:ListItem>
            <asp:ListItem Value="Triangle">Triangle</asp:ListItem>
            <asp:ListItem Value="Special">Special</asp:ListItem>

          </asp:RadioButtonList>
      </div>
      </div>
        <div class="container">
        <div class="list">
          <asp:Label ID="Label4" runat="server" Text="Choose toppings"
CssClass="cake"></asp:Label>
          <br /><br />
          <asp:CheckBoxList ID="CheckBoxList1" runat="server">
            <asp:ListItem Value="1">Chocolate curls</asp:ListItem>
            <asp:ListItem Value="2">Sugar cookies</asp:ListItem>
```

```
            <asp:ListItem Value="3">Powder sugar</asp:ListItem>
            <asp:ListItem Value="4">Toasted coconut</asp:ListItem>
            <asp:ListItem Value="5">Pepper Mints</asp:ListItem>
            <asp:ListItem Value="6">Flowers</asp:ListItem>
            <asp:ListItem Value="7">Tooty Fruity</asp:ListItem>
        </asp:CheckBoxList>
        <asp:Label ID="Label9" runat="server" Text=""></asp:Label>
        <br />

    </div>
    <div class="list">
        <asp:Label ID="Label5" runat="server" Text="Number of layers"
CssClass="cake"></asp:Label>
        <br /><br />
        <asp:RadioButtonList ID="RadioButtonList5" runat="server">
            <asp:ListItem Value="1">1</asp:ListItem>
            <asp:ListItem Value="2">2</asp:ListItem>
            <asp:ListItem Value="3">3</asp:ListItem>
            <asp:ListItem Value="4">4</asp:ListItem>
        </asp:RadioButtonList>
        <br />
        <br />

        <asp:Label ID="Label6" runat="server" Text="Weight(in Kgs)"
CssClass="cake"></asp:Label>

        <asp:Button ID="Button2" runat="server" Text="OK" OnClick="Button2_Click"
ToolTip="Select Layer to select weight" />

        <br />
        <asp:DropDownList ID="DropDownList1" runat="server">
            <asp:ListItem>1</asp:ListItem>
            <asp:ListItem Value="1.5">1.5</asp:ListItem>
            <asp:ListItem Value="2">2</asp:ListItem>
            <asp:ListItem Value="2.5">2.5</asp:ListItem>
            <asp:ListItem Value="3">3</asp:ListItem>
            <asp:ListItem Value="3.5">3.5</asp:ListItem>
            <asp:ListItem Value="4">4</asp:ListItem>
            <asp:ListItem Value="4.5">4.5</asp:ListItem>
            <asp:ListItem Value="5">5</asp:ListItem>
```

```
            </asp:DropDownList>
            <br />
          </div>
            <div class="list">
            <asp:Label ID="Label7" runat="server" Text="Photo or Sketch of the cake"
CssClass="cake"></asp:Label>
            <br /><br />
               <asp:FileUpload ID="imgUp" runat="server" CssClass="imgup"/>
                <br />
               <br />
               <asp:Label ID="Label8" runat="server" Text="Type"
CssClass="cake"></asp:Label><br /><br />
               <asp:RadioButtonList ID="RadioButtonList4" runat="server">
                  <asp:ListItem Value="Egg">Egg</asp:ListItem>
                  <asp:ListItem Value="Egg-less">Egg-less</asp:ListItem>
               </asp:RadioButtonList>
             </div>
          </div><br /><br />
          <div class="btn"><center>
          <asp:Button ID="Button1" runat="server" Text="Submit" value="submit"
OnClick="Button1_Click" /></center>
           </div>
      </div>


       <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$
ConnectionStrings:fprojectConnectionString11 %>" SelectCommand="SELECT * FROM
[custom]"></asp:SqlDataSource>
</form>
</body>
</html>
```

Login.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="login.aspx.cs"
Inherits="login" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head runat="server">

    <meta charset="UTF-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge"/>
    <meta name="viewport" content="width=device-width,initial-scale=1.0"/>
      <title>Delicious Treats</title>
      <script src="https://kit.fontawesome.com/d54f50f266.js"></script>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" />
      <!-- <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/@fortawesome/fontawesome-
free@6.1.1/css/fontawesome.min.css"> -->
     <!-- <link rel="stylesheet" href="https://pro.fontawesome.com/release/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3YwScVb3ZcuHtOA9#%dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p"
crossorigin="anonymous" > -->
      <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.1.3/dist/css/bootstrap.min.css" />
      <!-- <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css" integrity="sha512-
KfkfwYDsLkIlwQp6LFnl8zNdLGxu9YAA1QvwINks4PhcElQSvqcyVLLD9aMhXd13uQjoXt
EKNosOWaZqXgel0g==" crossorigin="anonymous" referrerpolicy="no-referrer" />" -->
      <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet"/>
      <link rel="stylesheet" href="style.css"/>
   <link rel="stylesheet" href="login.css"/>

      <!-- <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.2/css/all.min.css"/> -->
   </head>
<body>
   <nav class="navbar navbar-expand-lg navbar-light bg-white py-3 fixed-top">
         <div class="container">
          <a class="navbar-brand" href="#">Delicious Treats</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
          <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav ml-auto">
```

```
            <li class="nav-item">
              <a class="nav-link" href="#">Home</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="shop.aspx">Products</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#">ContactUs</a>
            </li>
            <li class="nav-item">
              <a class="nav-link" href="#">FeedBack</a>
            </li>
              <li class="nav-item">
              <i class="fa-solid fa-bag-shopping" id="cart-icon"></i>
              </li>
            <li class="nav-item">
              <a class="nav-link active" href="login.aspx">Login/SignUp</a>
            </li>
              </ul>
          </div>
        </div>
      </nav>
  <div class="login-page">
    <div class="form">
  <div class="login">
      <div class="header">
        <h3 style="color: #4CAF50">LOGIN</h3>
        <p style="color: #4CAF50">Please enter your credentials to login.</p>
      </div>
    </div>
      <form class="login-form" runat="server">
       <!--<input type="text" placeholder="email/phoneno" required/>
      <input type="password" placeholder="password" required/>-->
        <asp:TextBox ID="txt1" runat="server" placeholder="email"
TextMode="Email"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ErrorMessage="enter the email" ControlToValidate="txt1"
ForeColor="Red"></asp:RequiredFieldValidator>
        <asp:TextBox ID="txt2" runat="server" TextMode="Password"
placeholder="password"></asp:TextBox>
```

```
          <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ErrorMessage="enter the password" ControlToValidate="txt2"
ForeColor="Red"></asp:RequiredFieldValidator>
        <div>
           <asp:Button ID="btn"  style="font-family:'Roboto','sans-serif'; outline: 0; background-
color: lawngreen;font-size: 14px; color:white;
           transition: all 0.3 ease;cursor: pointer;" runat="server" Text="LOGIN"
OnClick="btn_Click" />
        </div>
        <p><a href="forgotpass1.aspx">Forgot Password?</a></p>
       <p class="message">Not registered? <a href="signup1.aspx">Create an account</a></p>
      </form>
      </div>
      </div>
</body>
</html>
```

products.aspx:

```
<%@ Page Title="" Language="C#" MasterPageFile="~/User.master" AutoEventWireup="true"
CodeFile="products.aspx.cs" Inherits="products" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
   <link rel="stylesheet" href="shop1.css" />
<%--    <link rel="stylesheet" href="style.css" />--%>
   <style>
      a{
         text-decoration:none;
         color:black;
      }
      a:hover{
      color:black;
      color:black;
      }
   </style>
   <br />
   <br />

   <section class="shop container">
         <h2 class="section-title">Our Products</h2>
```

```
    <asp:Label ID="Label4" runat="server" Text="Label" Visible="false"></asp:Label>
    <asp:DataList ID="DataList1" runat="server" DataKeyField="pid"
DataSourceID="SqlDataSource1" RepeatDirection="Horizontal" Height="293px"
RepeatColumns="4">
        <ItemStyle BorderColor="White" BorderWidth="20px" />
        <ItemTemplate>

          <div class="product-box">
            <a href="productview.aspx?pid=<%#Eval("pid") %>">
         <table>
            <tr>
               <td class="auto-style1" style="text-align:center">
                  <asp:Image ID="Image1" runat="server" BackColor="#5F98F3"
Height="250px" Width="250px" ImageUrl='<%#Eval("pimage") %>' class="product-img"/>
               </td>
            </tr>
            <tr>
               <td class="auto-style1" style="margin-left:2px">
                  <asp:Label ID="Label1" runat="server" Text='<%#Eval("pname") %>'
CssClass="product-title" Font-Bold="True"></asp:Label>
               </td>
            </tr>

            <tr>
               <td class="auto-style1" style="text-align:left">
                  <asp:Label ID="Label2" runat="server" Text="Price: Rs." style="text-
align:center" Font-Bold="True"></asp:Label>
                  <asp:Label ID="Label3" runat="server" Text='<%# Eval("pprice") %>'
style="text-align:center" Font-Bold="True"></asp:Label>
               </td>
            </tr>
            <tr>
               <td>
                  <i class="fa-solid fa-bag-shopping add-cart" onclick="myfunctionA();"></i>
                  <!--<asp:Button ID="Button2" runat="server" Text="cart" class="add-cart"
OnClientClick="return myfunctionA();"></asp:Button>-->
               </td>
               </tr>
            <%--<tr>
               <td class="auto-style1" style="margin-left:2px">
```

```
                    <asp:Label ID="Label6" runat="server" Text="Description:" Font-
Bold="True"></asp:Label>
                    <asp:Label ID="Label5" runat="server" Text='<%#Eval("pdesc") %>'
style="font-size:12px"></asp:Label>
                </td>
              </tr>--%>
              <%--<tr>
                <td class="auto-style1" style="text-align:left; align-items:center">
                    <asp:Label ID="Label4" runat="server" Text="Weight(kg):" style="text-
align:center" CssClass="price"></asp:Label>
                    <asp:DropDownList ID="DropDownList1" runat="server" Height="20px"
Width="50px">
                        <asp:ListItem Value="1">1</asp:ListItem>
                        <asp:ListItem Value="2">2</asp:ListItem>
                        <asp:ListItem Value="3">3</asp:ListItem>
                        <asp:ListItem Value="4">4</asp:ListItem>
                        <asp:ListItem Value="5">5</asp:ListItem>
                    </asp:DropDownList>
                    </td>
              </tr>
                <tr>
                 <td class="auto-style1" style="text-align:left;">
                    <asp:RadioButtonList ID="RadioButtonList1" runat="server"
RepeatDirection="Horizontal" CellPadding="2" CellSpacing="2" style="font-family:Arial;"
CssClass="price">
                        <asp:ListItem Value="1">Egg</asp:ListItem>
                        <asp:ListItem Value="2">Egg-less</asp:ListItem>
                    </asp:RadioButtonList>
                    </td>
                </tr>--%>
   <!--     <td class="auto-style1"style="text-align:center">

                    <asp:Button ID="Button1" runat="server" Text="Add to Cart"
CommandArgument='<%#Eval("pid") %>' CommandName="addtocart"/>
                </td>-->
              </table>
               </div>
              </a>
          </ItemTemplate>
      </asp:DataList>
```

```
        </section>
       <div id="snackbar">Item added to cart..</div>
   <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$
ConnectionStrings:fprojectConnectionString7 %>" SelectCommand="SELECT [pid], [pname],
[pdesc], [pimage], [pprice] FROM [product1]"></asp:SqlDataSource>
<%--       <asp:SqlDataSource ID="SqlDataSource1" runat="server" ConnectionString="<%$
ConnectionStrings:fprojectConnectionString5 %>" SelectCommand="SELECT [pid], [pname],
[pdesc], [pimage], [pprice] FROM [product1]"></asp:SqlDataSource>--%>
 <script src="js/main.js"></script>
 </asp:Content>
```

productview.aspx:

```
<%@ Page Title="" Language="C#" MasterPageFile="~/User.master" AutoEventWireup="true"
CodeFile="productview.aspx.cs" Inherits="productview" %>

<asp:Content ID="Content1" ContentPlaceHolderID="ContentPlaceHolder1" Runat="Server">
<%--    <link href="style.css" rel="stylesheet" />--%>
   <link href="shop1.css" rel="stylesheet" />
   <link href="pdetails.
      css" rel="stylesheet" />

   <section class="container sproduct my-5 pt-5">    <div class="row mt-5">
            <asp:Repeater ID="rptrimage" runat="server">
               <ItemTemplate>
            <div class="col-lg-5 col-md-12 col-12 <%#GetActiveImgClass(Container.ItemIndex)
%>">
               <img class="img-fluid" src="<%#Eval("pimage") %>" alt="">
            </div>
              </ItemTemplate>
            </asp:Repeater>

            <div class="col-lg-6 col-md-12 col-12">
               <asp:Repeater ID="rptrpdetails" runat="server">
                  <ItemTemplate>

               <h6>Products/Details</h6>
               <h2 class="py-4"  style="text-transform:uppercase"><%#Eval("pname") %></h2>
```

```
            <div style="display:flex"><h2>Rs.</h2><h2 id="hprice"
runat="server"><%#Eval("pprice") %></h2></div>

            <div class="weight">
               <h5 class="weight">Weight: </h5>
               <asp:DropDownList ID="DropDownList1" runat="server">
                  <asp:ListItem>1</asp:ListItem>
                  <asp:ListItem>2</asp:ListItem>
                  <asp:ListItem>3</asp:ListItem>
                  <asp:ListItem>4</asp:ListItem>
                  <asp:ListItem>5</asp:ListItem>
               </asp:DropDownList>

            </div>
                  <br />
            <div class="quantity">
               <h5 class="quantity">Quantity:</h5>
               <asp:DropDownList ID="DropDownList2" runat="server">
                  <asp:ListItem Value="1">1</asp:ListItem>
                  <asp:ListItem Value="2">2</asp:ListItem>
               </asp:DropDownList>

            </div>

            <div class="type">
               <asp:RadioButtonList ID="RadioButtonList1" runat="server"
RepeatDirection="Horizontal">
                  <asp:ListItem Value="1">Egg</asp:ListItem>
                  <asp:ListItem Value="2">Egg-less</asp:ListItem>
               </asp:RadioButtonList>
            </div>
            <div>
               <asp:Button ID="btnaddtocart" runat="server" Text="ADD TO CART"
CssClass="buy-btn"
                  style="font-size: 0.8rem;
                    font-weight: 700;
                     outline: none;
                      border: none;
                      background-color: coral;
                        color: aliceblue;
```

```
                        padding: 13px 30px;
                          cursor: pointer;
                           text-transform: uppercase;" OnClick="btnaddtocart_Click1"/>
                    <asp:Label ID="lblerror" runat="server" style="color:darkred"></asp:Label>
                </div>
                <div>
                <h3 class="mt-5" style="font-family:Calibri">Product details</h3>
                <p style="font-size:12px"><%#Eval("pdesc")%></p>

                </div>
                    </ItemTemplate>
                </asp:Repeater>
            </div>
        </div>
    </section>
</asp:Content>
```

signup1.aspx:

```
<%@ Page Language="C#" AutoEventWireup="true" CodeFile="signup1.aspx.cs"
Inherits="signup1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
   <title></title>
  <link rel="stylesheet" href="signupcss.css"/>
    </head>

<body>
   <div class="background">
      <!-- <div class="shape"></div>-->
      <!--<div class="shape"></div>-->


       <form id="form1" runat="server">
      <h3>Register here</h3>
      <asp:Label ID="Label10" runat="server" Text="UserId"></asp:Label>
      <asp:TextBox ID="TextBox9" runat="server" ></asp:TextBox>
```

```
        <asp:Label ID="Label1" runat="server" Text="Username" ></asp:Label>
        <asp:TextBox ID="TextBox1" runat="server" CssClass="input"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"
ControlToValidate="TextBox1" ErrorMessage="enter the user name"
ForeColor="Red"></asp:RequiredFieldValidator>
        <br />
        <asp:Label ID="Label2" runat="server" Text="Phone"></asp:Label>
        <asp:TextBox ID="TextBox2" runat="server" CssClass="input"
TextMode="Phone"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"
ControlToValidate="TextBox2" ErrorMessage="enter the phoneno"
ForeColor="Red"></asp:RequiredFieldValidator>
        <asp:RegularExpressionValidator ID="RegularExpressionValidator2" runat="server"
ControlToValidate="TextBox2" ErrorMessage="Invalid Number" ForeColor="Red"
ValidationExpression="\d{10}"></asp:RegularExpressionValidator>
        <br />
        <asp:Label ID="Label3" runat="server" Text="Address"></asp:Label>
        <br />
        <asp:TextBox ID="TextBox8" runat="server" CssClass="input" TextMode="MultiLine"
Width="348px"  ForeColor="white" Height="42px"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator5" runat="server"
ControlToValidate="TextBox8" ErrorMessage="enter the address"
ForeColor="Red"></asp:RequiredFieldValidator>
        <br />

        <asp:Label ID="Label5" runat="server" Text="Date of birth"></asp:Label>
        <asp:TextBox ID="TextBox4" runat="server" CssClass="input"
TextMode="Date"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator6" runat="server"
ControlToValidate="TextBox4" ErrorMessage="enter the date of birth"
ForeColor="Red"></asp:RequiredFieldValidator>
        <br />
        <asp:RangeValidator ID="RangeValidator1" runat="server"
ControlToValidate="TextBox4" ErrorMessage="Age not in range" ForeColor="Red"
Type="Date"></asp:RangeValidator>
        <br />
        <asp:Label ID="Label4" runat="server" Text="Email"></asp:Label>
        <asp:TextBox ID="TextBox3" runat="server" CssClass="input"
TextMode="Email"></asp:TextBox>
```

```
        <asp:RequiredFieldValidator ID="RequiredFieldValidator3" runat="server"
ControlToValidate="TextBox3" ErrorMessage="enter the email"
ForeColor="Red"></asp:RequiredFieldValidator>
        <asp:RegularExpressionValidator ID="RegularExpressionValidator1" runat="server"
ControlToValidate="TextBox3" ErrorMessage="Invalid Email Id" ForeColor="Red"
ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-
.]\w+)*"></asp:RegularExpressionValidator>
        <br />
        <asp:Label ID="Label6" runat="server" Text="Password"></asp:Label>
        <asp:TextBox ID="TextBox5" runat="server" CssClass="input"
TextMode="Password"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator4" runat="server"
ControlToValidate="TextBox5" ErrorMessage="enter the password"
ForeColor="Red"></asp:RequiredFieldValidator>
        <br />
        <asp:RegularExpressionValidator ID="RegularExpressionValidator3" runat="server"
ControlToValidate="TextBox5" ErrorMessage="Password must contain:Minimum 8 characters
atleast 1 uppercase Alphabet, 1 Lowercase Alphabet, 1 Number and 1 Special character "
ForeColor="Red" ValidationExpression="^(?=.*[a-z])(?=.*[A-
Z])(?=.*\d)(?=.*[$@$!%*?&amp;])[A-Za-
z\d$@$!%*?&amp;]{8,}"></asp:RegularExpressionValidator>
        <br />
        <asp:Label ID="Label7" runat="server" Text="Confirm Password"></asp:Label>
        <asp:TextBox ID="TextBox6" runat="server" CssClass="input"
TextMode="Password"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator7" runat="server"
ControlToValidate="TextBox6" ErrorMessage="confirm the password"
ForeColor="Red"></asp:RequiredFieldValidator>
        <br />
        <asp:CompareValidator ID="CompareValidator1" runat="server"
ControlToCompare="TextBox5" ControlToValidate="TextBox6" ErrorMessage="password
does not match" ForeColor="Red"></asp:CompareValidator>
        <br />
        <asp:Label ID="Label8" runat="server" Text="Security Question"></asp:Label><br />
        <asp:DropDownList ID="ddlsq" runat="server"
onchange="SetDropDownListColor(this);">
            <asp:ListItem Style="color:black">Favourite color?</asp:ListItem>
            <asp:ListItem Style="color:black">Favourite pet?</asp:ListItem>
        </asp:DropDownList>
        <br />
```

```
        <br />
        <asp:Label ID="Label9" runat="server" Text="Answer"></asp:Label>
        <asp:TextBox ID="TextBox7" runat="server"></asp:TextBox>
        <asp:RequiredFieldValidator ID="RequiredFieldValidator9" runat="server"
ControlToValidate="TextBox7" ErrorMessage="answer the question"
ForeColor="Red"></asp:RequiredFieldValidator>
           <br />
        <div class="button">
         <asp:Button ID="Button1" runat="server" Text="Create" OnClick="Button1_Click" />
           <asp:Button ID="Button2" runat="server" Text="Back" OnClick="Button2_Click1"/>
        </div>
      </form>
      </div>
</body>
</html>
```

Custom.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;
using System.Windows.Forms;

public partial class custom : System.Web.UI.Page
{
   string rb1, rb2, rb3, rb4, rb5, tot;
   protected void Page_Load(object sender, EventArgs e)
   {
      Label9.Visible = false;
      DropDownList1.Visible = false;
      Button1.Visible = false;
      var item = from ListItem li in CheckBoxList1.Items
                 where li.Selected == true
                 select li;
      Label9.Text = "";
```

```
    foreach(ListItem li in item)
    {
        Label9.Text += li.Text+",";
     }
}
protected void Button2_Click(object sender, EventArgs e)
{
    if (RadioButtonList5.SelectedValue == "1")
    {
        DropDownList1.Visible = true;
        Button1.Visible = true;
    }
    else if (RadioButtonList5.SelectedValue == "2")
    {
        DropDownList1.Visible = true;
        DropDownList1.Items[0].Enabled = false;
        Button1.Visible = true;
    }
    else if (RadioButtonList5.SelectedValue == "3")
    {
        DropDownList1.Visible = true;
        DropDownList1.Items[0].Enabled = false;
        DropDownList1.Items[1].Enabled = false;
        DropDownList1.Items[2].Enabled = false;
        DropDownList1.Items[3].Enabled = false;
        Button1.Visible = true;
    }
    else if (RadioButtonList5.SelectedValue == "4")
    {
        DropDownList1.Visible = true;
        DropDownList1.Items[0].Enabled = false;
        DropDownList1.Items[1].Enabled = false;
        DropDownList1.Items[2].Enabled = false;
        DropDownList1.Items[3].Enabled = false;
        DropDownList1.Items[4].Enabled = false;
        Button1.Visible = true;

    }
}
```

```
protected void Button1_Click(object sender, EventArgs e)
{
    SqlConnection con = new SqlConnection("Data Source = LAPTOP-
G3L33VN3\\SQLEXPRESS; Initial Catalog = fproject; Integrated Security = True; ");

    if (RadioButtonList1.SelectedValue == "" || RadioButtonList2.SelectedValue == "" ||
RadioButtonList3.SelectedValue == "" || RadioButtonList5.SelectedValue == "" ||
RadioButtonList4.SelectedValue == ""||CheckBoxList1.SelectedIndex==-1)
    {
        Response.Write("<script>alert('Please select all the criteria')</script>");
    }
    else
    {
        rb1 = RadioButtonList1.Text;
        rb2 = RadioButtonList2.Text;
        rb3 = RadioButtonList3.Text;
        rb4 = RadioButtonList4.Text;
        rb5 = RadioButtonList5.Text;
        if (RadioButtonList5.SelectedValue == "1")
        {
            Double n = Convert.ToDouble(DropDownList1.SelectedItem.Text.ToString());
            tot = Convert.ToString(500 * n);
        }
        else if (RadioButtonList5.SelectedValue == "2")
        {
            Double n = Convert.ToDouble(DropDownList1.SelectedItem.Text.ToString());
            tot = Convert.ToString(500 * n);
        }
        else if (RadioButtonList5.SelectedValue == "3")
        {
            Double n= Convert.ToDouble(DropDownList1.SelectedItem.Text.ToString());
            tot = Convert.ToString(500 * n);
        }
        else if (RadioButtonList5.SelectedValue == "4")
        {
            Double n= Convert.ToDouble(DropDownList1.SelectedItem.Text.ToString());
            tot = Convert.ToString(500 * n);
        }
        string ddw = DropDownList1.Text;
        if (imgUp.HasFile)
```

```
        {
            string filename = imgUp.PostedFile.FileName;
            string filepath = "upload/" + imgUp.FileName;
            imgUp.PostedFile.SaveAs(Server.MapPath("~/upload/") + filename);

            string ins = "Insert into
custom(order_id,cake,filling,shape,toppings,layer,weight,image,type,amt)
values('"+Session["oid"]+"','" + rb1 + "','" + rb2 + "','" + rb3 + "','" + Label9.Text + "','" + rb5 +
"','" + ddw + "','" + filepath + "','" + rb4 + "','" + tot + "')";
            SqlCommand cmd = new SqlCommand(ins, con);
            con.Open();
            cmd.ExecuteNonQuery();

            string ns = "insert into billing(umail,pname,player,pwgt,ptype,subtotal)values('" +
Session["username"] + "','Custom Cake','" + rb5 + "','" + ddw + "','" + rb4 + "','" + tot + "')";
            SqlCommand cmd2 = new SqlCommand(ns, con);
            cmd2.ExecuteNonQuery();
            con.Close();
            MessageBox.Show("Product added successfully");
            Response.Redirect("custom_bill.aspx");
        }
    }
}
```

custom_bill.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class custom_bill : System.Web.UI.Page
{
    SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS; Initial Catalog =fproject; Integrated Security = True");
    private SqlDataReader dr1;
```

```
    string st = "";
    int m, count;
    protected void Page_Load(object sender, EventArgs e)
    {
        Panel2.Visible = false;
        Button1.Visible = false;
        DateTime dt = DateTime.Now;
        lbl_date.Text = Convert.ToString(dt);
        lbloid.Text = Session["oid"].ToString();
        con.Open();
        string ins1 = "select uid,uname from signup where uemail='" + Session["username"] + "'";
        SqlCommand cmd1 = new SqlCommand(ins1, con);
        dr1 = cmd1.ExecuteReader();
        while (dr1.Read())
        {
            lblcid.Text = Convert.ToString(dr1.GetDecimal(0));
            lblname.Text = dr1.GetString(1);
        }
        lblbookdate.Text = Convert.ToString(dt);
        con.Close();
        bindproducts();
    }
    private void bindproducts()
    {
        con.Open();
        string ins = "select order_id,cake,filling,shape,toppings,layer,weight,type,amt from custom
where order_id='"+Session["oid"]+"'";
        SqlCommand cmd = new SqlCommand(ins, con);
        using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
        {
            DataTable dt = new DataTable();
            sda.Fill(dt);
            GridView1.DataSource = dt;
            GridView1.DataBind();
            count = GridView1.Rows.Count;
            foreach (DataRow dr in dt.Rows)
            {
                m += Convert.ToInt32(dr.ItemArray[8]);
            }
        }
```

```
        lblamount.Text = m.ToString();
    }

    protected void btn_pay_Click(object sender, EventArgs e)
    {
        Panel1.Visible = false;
        Panel2.Visible = true;
        btn_pay.Visible = false;
        Button1.Visible = true;
        SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS; Initial Catalog =fproject; Integrated Security = True");
        con.Open();
        string ins1 = "select uname,uemail,upho,uadd from signup where uemail='" +
Session["username"] + "'";
        SqlCommand cmd = new SqlCommand(ins1, con);
        dr1 = cmd.ExecuteReader();
        while (dr1.Read())
        {
            txtName.Text = dr1.GetString(0);
            TextBox3.Text = dr1.GetString(1);
            txtMobileNumber.Text = Convert.ToString(dr1.GetDecimal(2));
            txtAddress.Text = dr1.GetString(3);
        }
    }
    protected void Button1_Click(object sender, EventArgs e)
    {
        string nt;
        nt = Session["oid"].ToString();
        string cont;
        cont = Session["username"].ToString();
        SqlConnection conn = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS; Initial Catalog =fproject; Integrated Security = True");
        conn.Open();
        string or = "insert into orders values('" + Session["oid"] + "','" + txtName.Text + "','" +
txtAddress.Text + "','" + txtPinCode.Text + "', '" + TextBox3.Text + "','" +
txtMobileNumber.Text + "', '" + TextBox4.Text + "','" + lblamount.Text + "','" + st + "','" +
lblcid.Text + "')";
        SqlCommand cmd = new SqlCommand(or, conn);
        cmd.ExecuteNonQuery();
```

```
        string bl = "update billing set order_id='" + Session["oid"] + "' where
order_id='"+Session["oid"]+"'";
        SqlCommand cmd1 = new SqlCommand(bl, conn);
        cmd1.ExecuteNonQuery();
        con.Close();
        Response.Redirect("payment.aspx");

    }
}
```

feed1.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data.SqlClient;
using System.Data;

public partial class feed1 : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        lbluser.Text =Session["username"].ToString();
    }

    protected void btnsend_Click(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS;Initial Catalog = fproject; Integrated Security = True");
        string ins = "insert into feedback values('" + lbluser.Text + "','" + txtfeed.Text + "')";
        SqlCommand com = new SqlCommand(ins, con);
        con.Open();
        com.ExecuteNonQuery();
       Response.Write("<script>alert('Feedback sent successfully');</script>");

        con.Close();
```

```
    }

    protected void btnback_Click(object sender, EventArgs e)
    {
        Response.Redirect("feedback.aspx");
    }
}
```

feedback.aspx.cs:

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class feedback : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        if (!IsPostBack)
        {
            bindfeedP();
        }
    }
    private void bindfeedP()
    {

        SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS;Initial Catalog=fproject;Integrated Security=True;");

        con.Open();
        string ins = "select umail,feedback from feedback";
        SqlCommand cmd = new SqlCommand(ins, con);
        using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
        {
```

```
            DataTable dt = new DataTable();
            sda.Fill(dt);
            Repeater1.DataSource = dt;
            Repeater1.DataBind();
        }
    }
    protected void btnfeed_Click(object sender, EventArgs e)
    {
        Response.Redirect("feed1.aspx");
    }
}
```

myorders.aspx.cs:

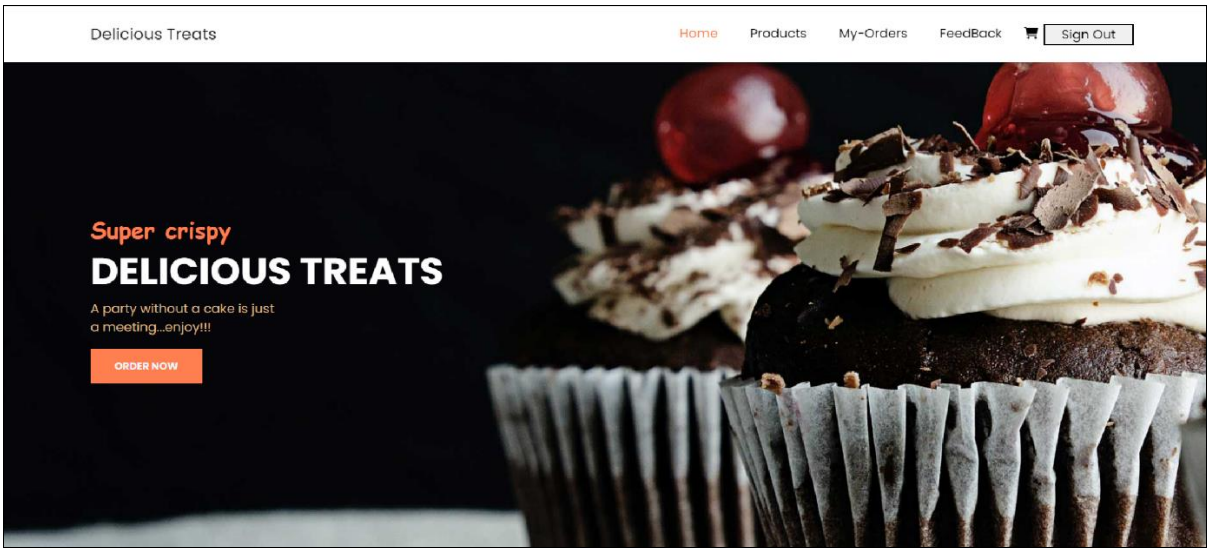
```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using System.Data;
using System.Data.SqlClient;

public partial class myorders : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        SqlConnection con = new SqlConnection("Data Source=LAPTOP-
G3L33VN3\\SQLEXPRESS; Initial Catalog =fproject; Integrated Security = True");
        con.Open();
        string ins = "select order_id,name,address,pin,email,mobile,d_date,total,status from orders
where status='Ordered' and email='" + Session["username"] + "'";
        SqlCommand cmd = new SqlCommand(ins, con);
        using (SqlDataAdapter sda = new SqlDataAdapter(cmd))
        {
            DataTable dt = new DataTable();
            sda.Fill(dt);
            GridView1.DataSource = dt;
            GridView1.DataBind();
```

```
    }
}
protected void GridView1_SelectedIndexChanged(object sender, EventArgs e)
{
    GridView1.Visible = false;
    GridView2.Visible = true;
}}
```

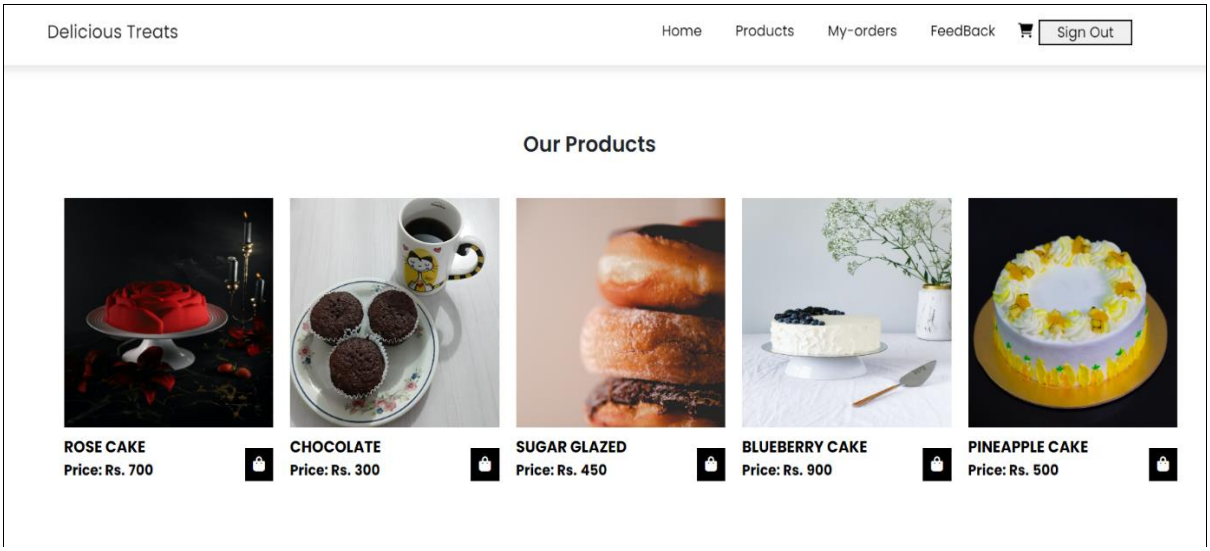
6. USER INTERFACE

CLIENT SIDE VIEW:

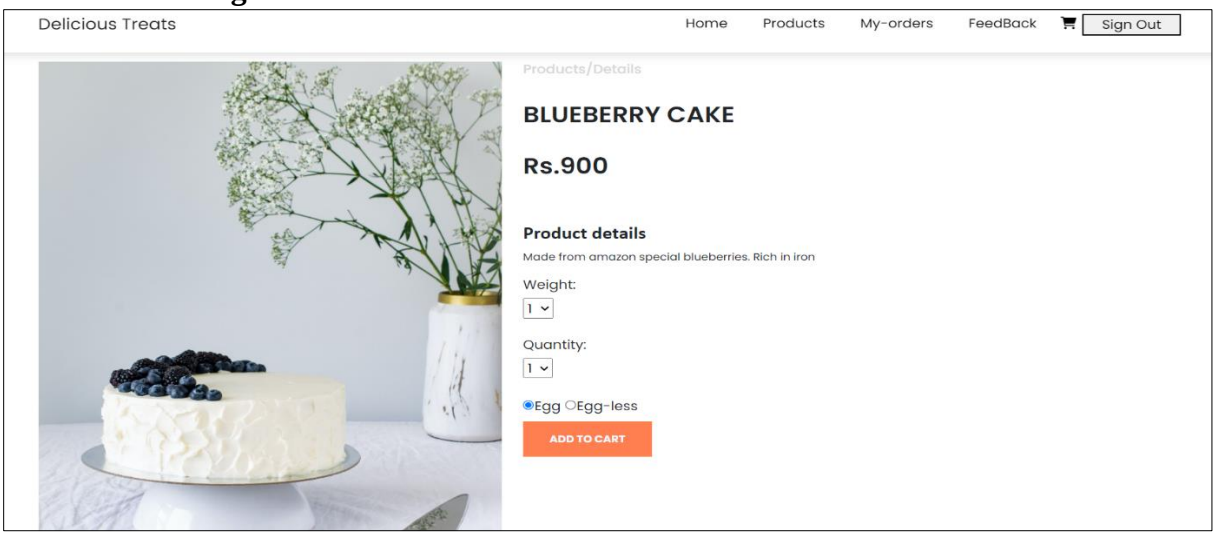
Home Page:



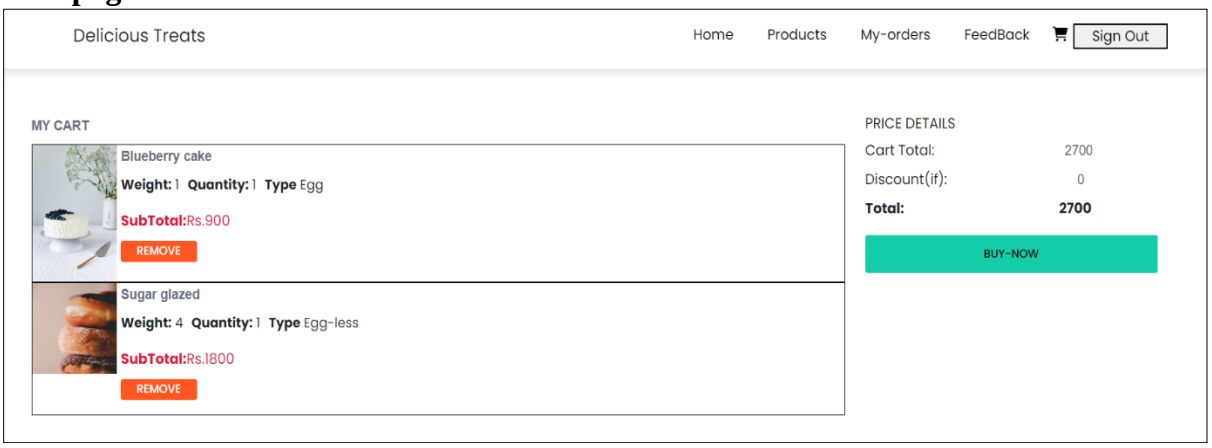
Products Page:



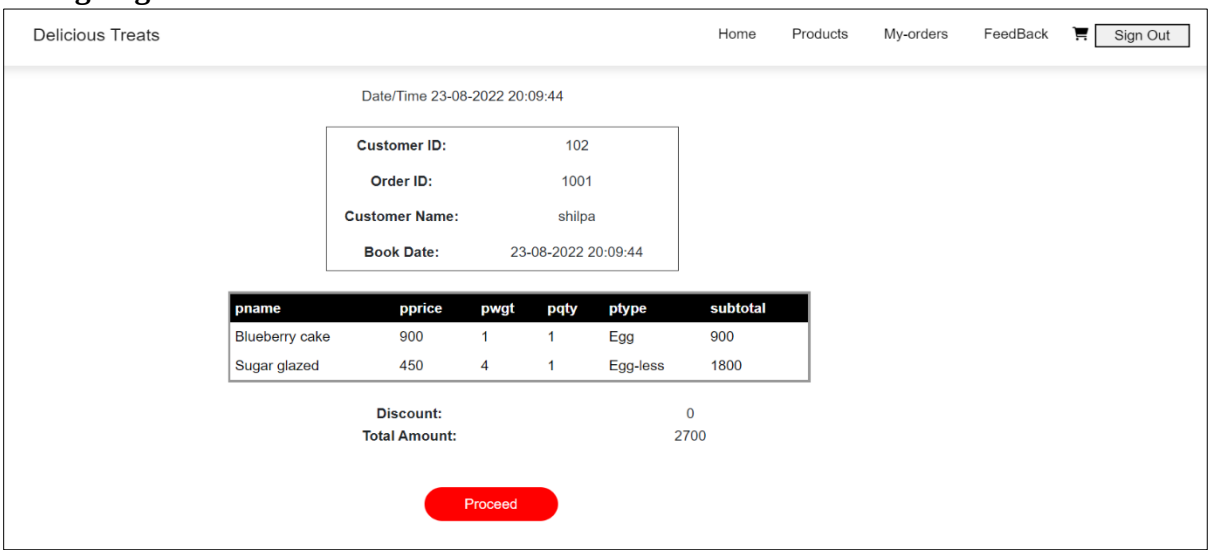
Product View Page:

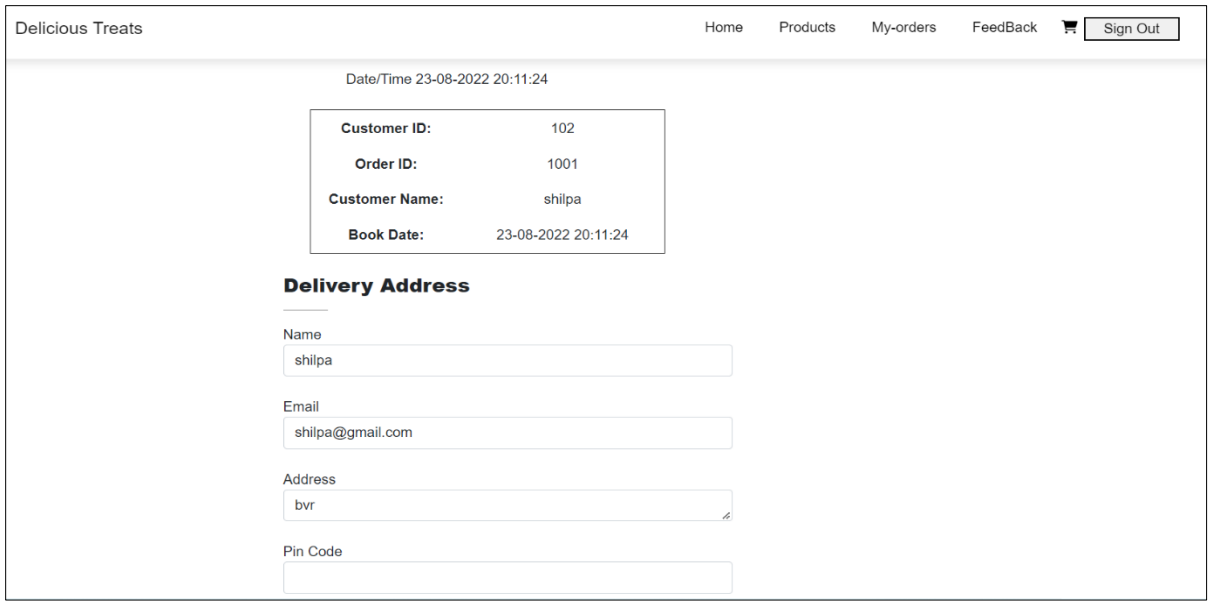


Cart page:

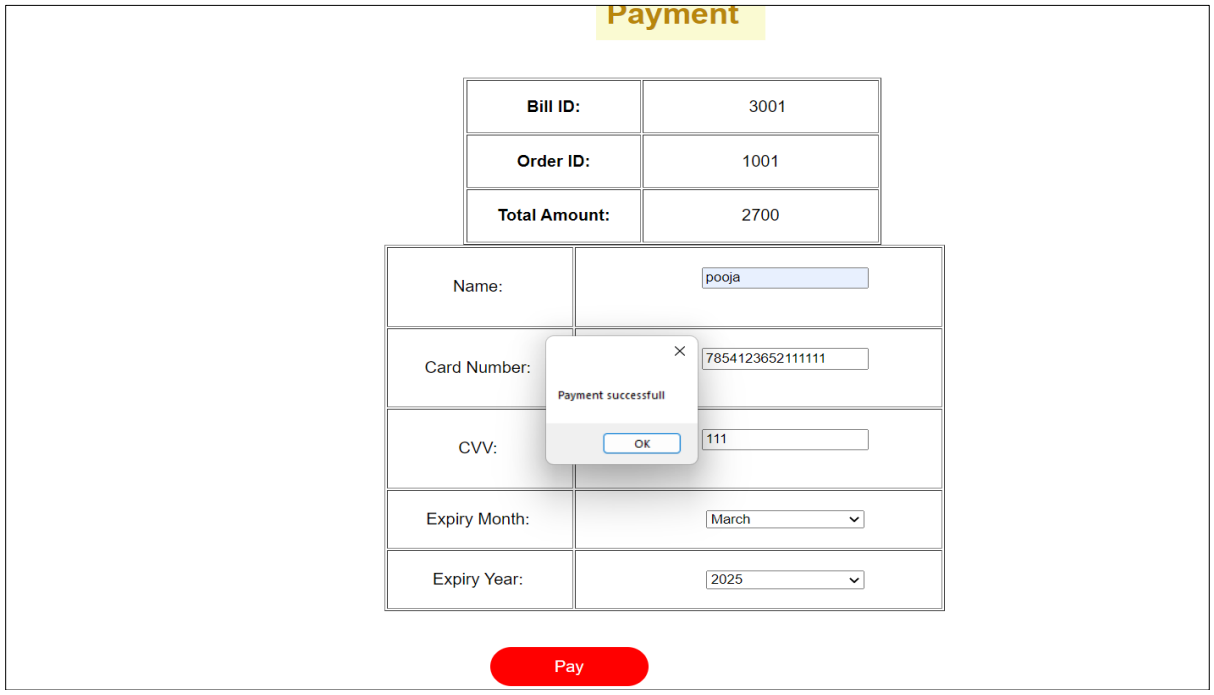


Billing Page:



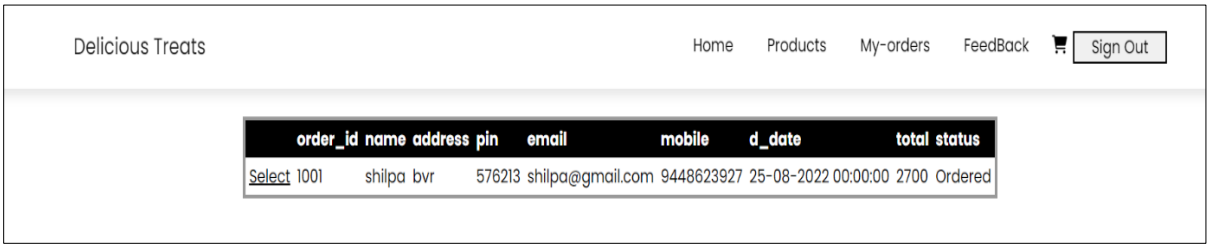


Payment page:

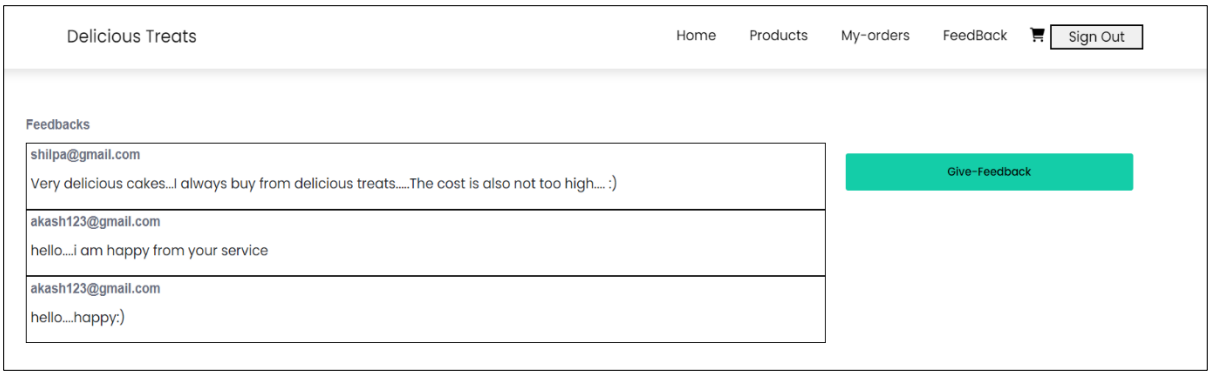


Custom-cake page:

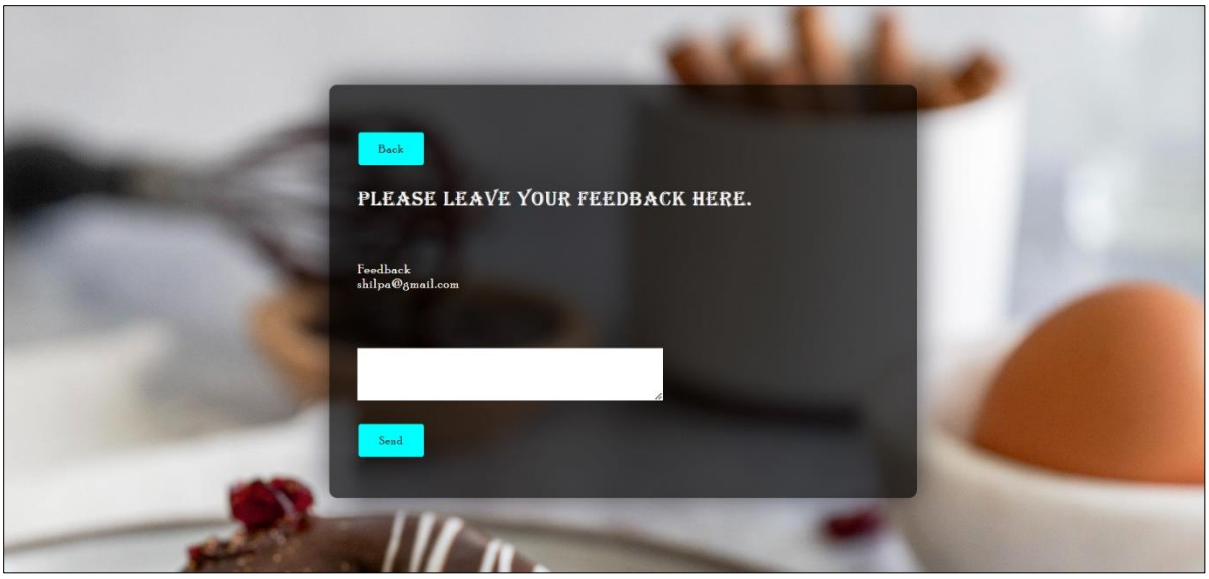
View orders page:



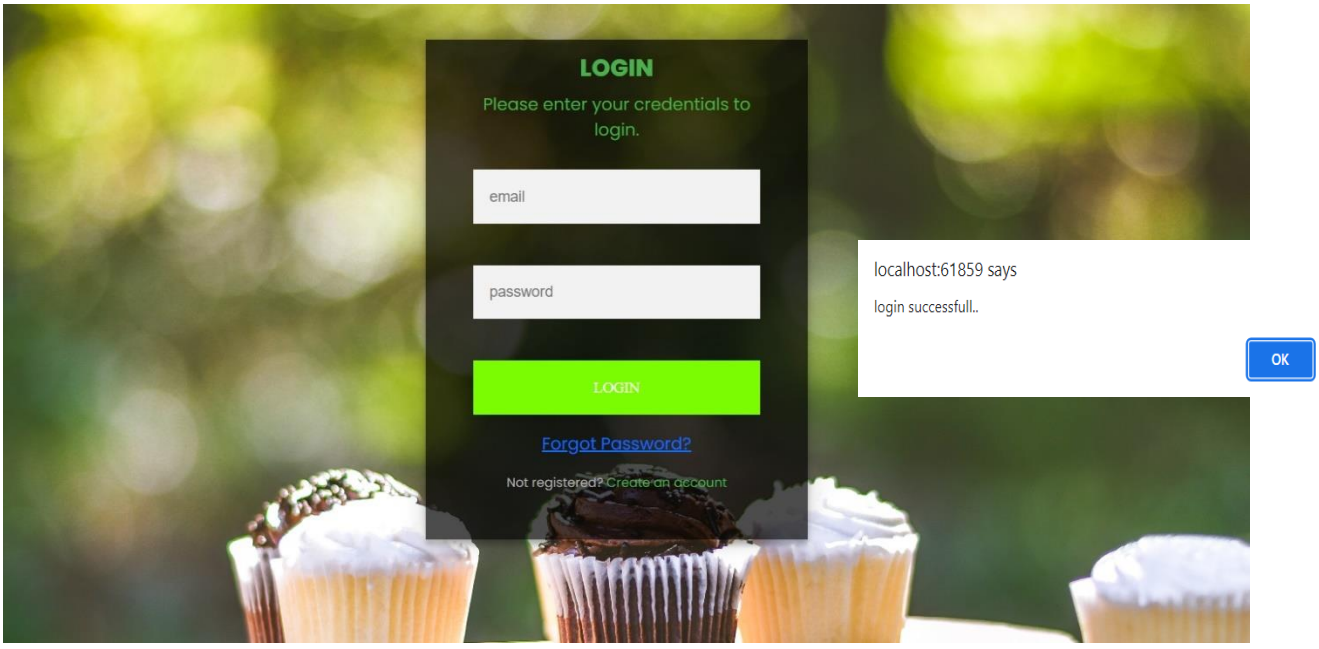
Feedbacks page:



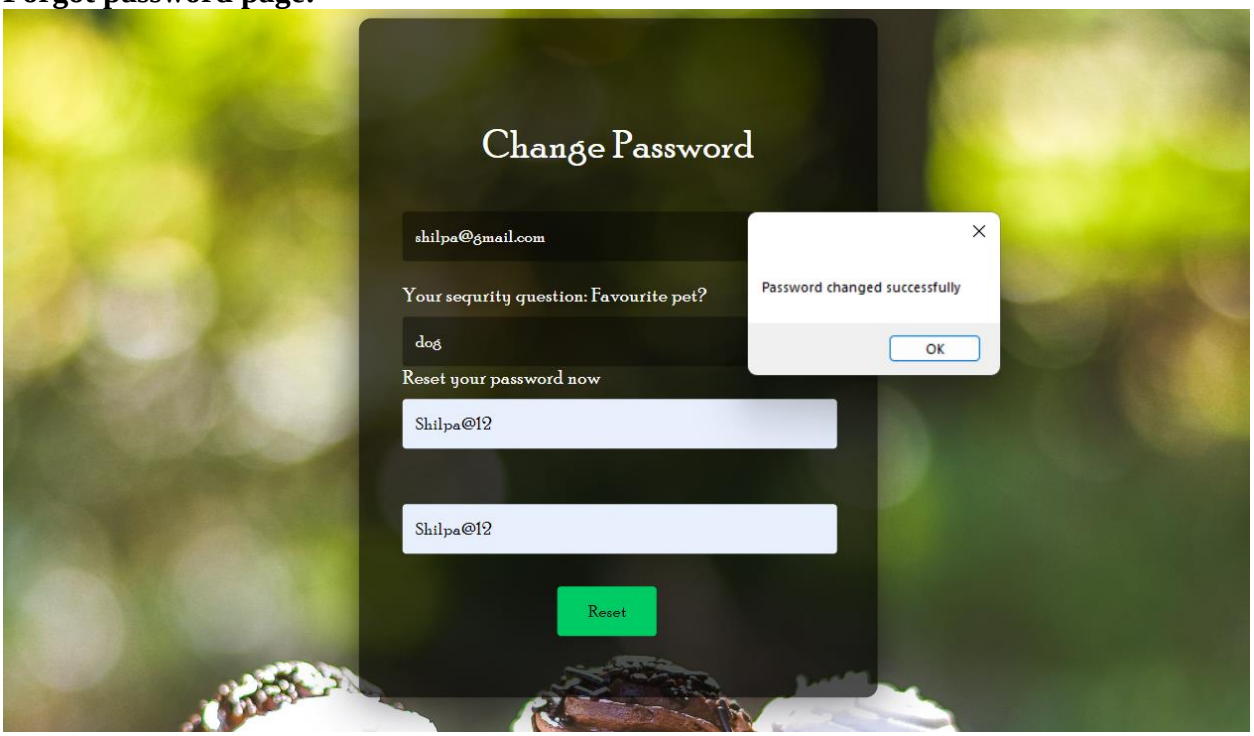
Give Feedback:



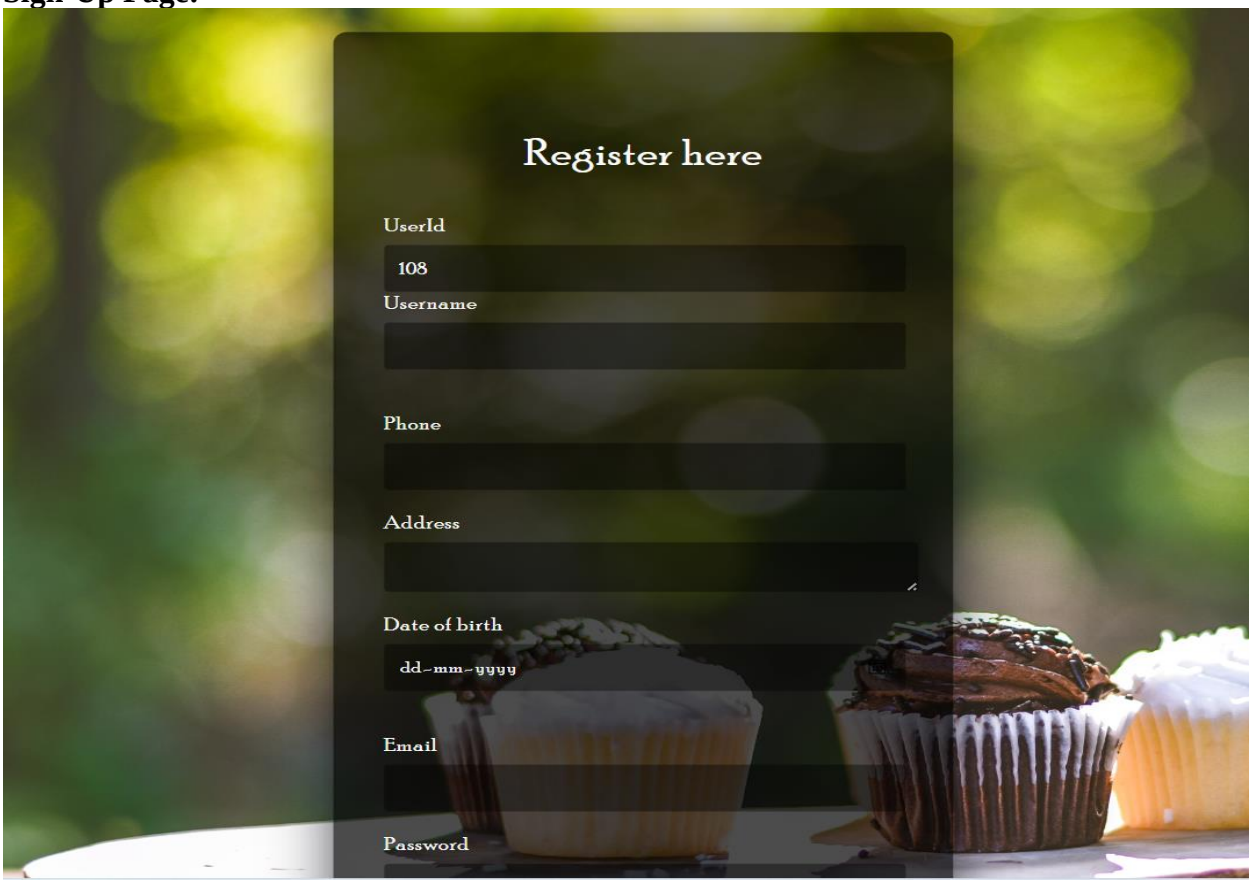
Login Page:



Forgot password page:

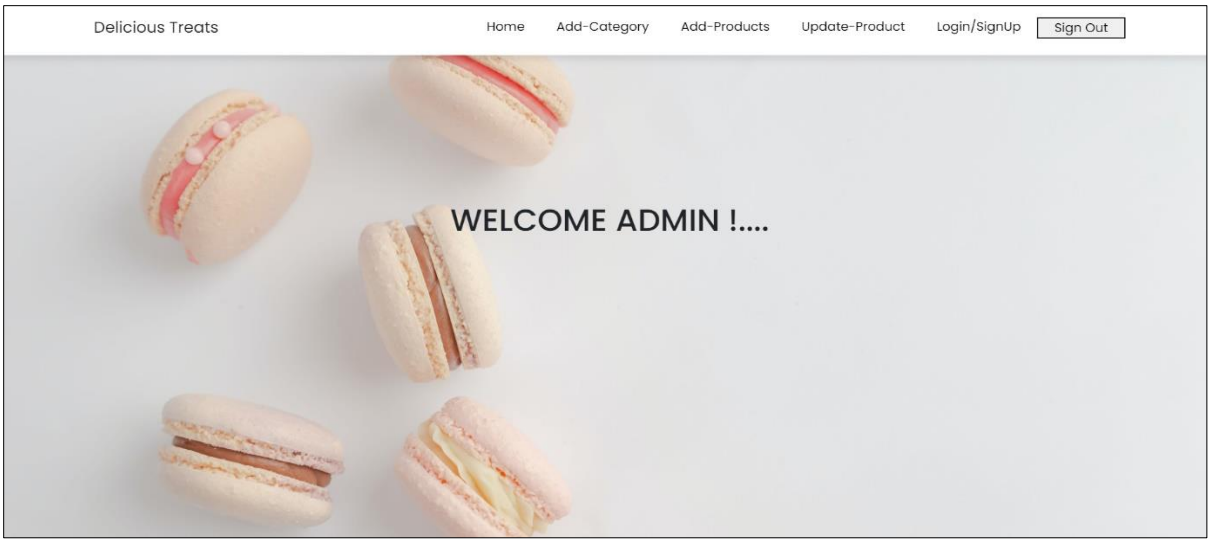


Sign-Up Page:

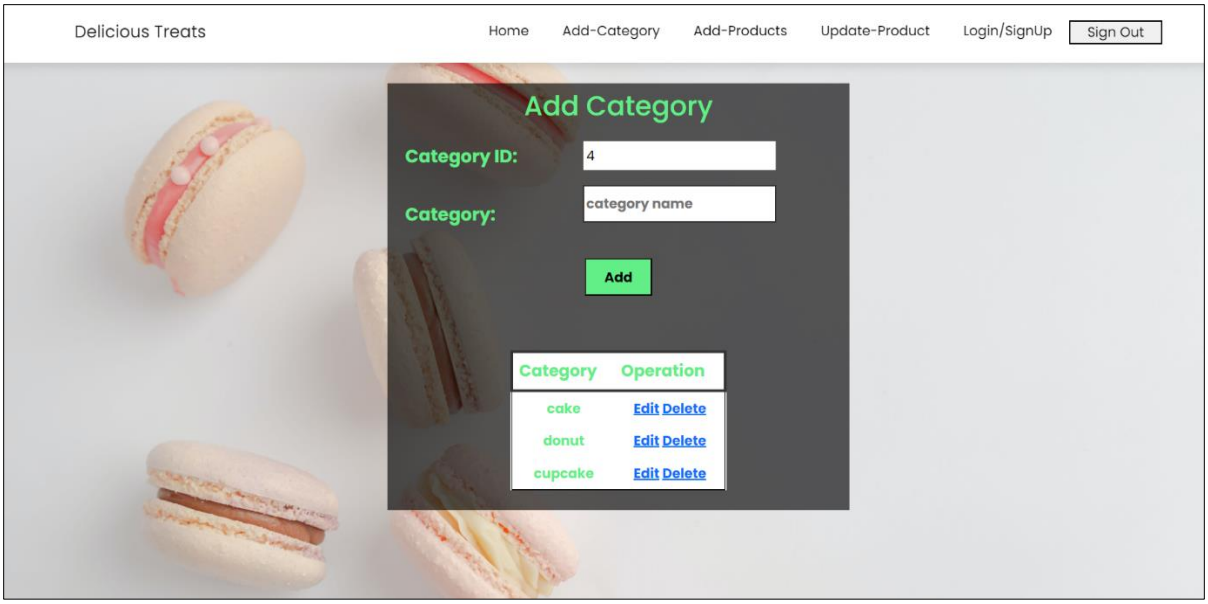


ADMIN SIDE VIEW:

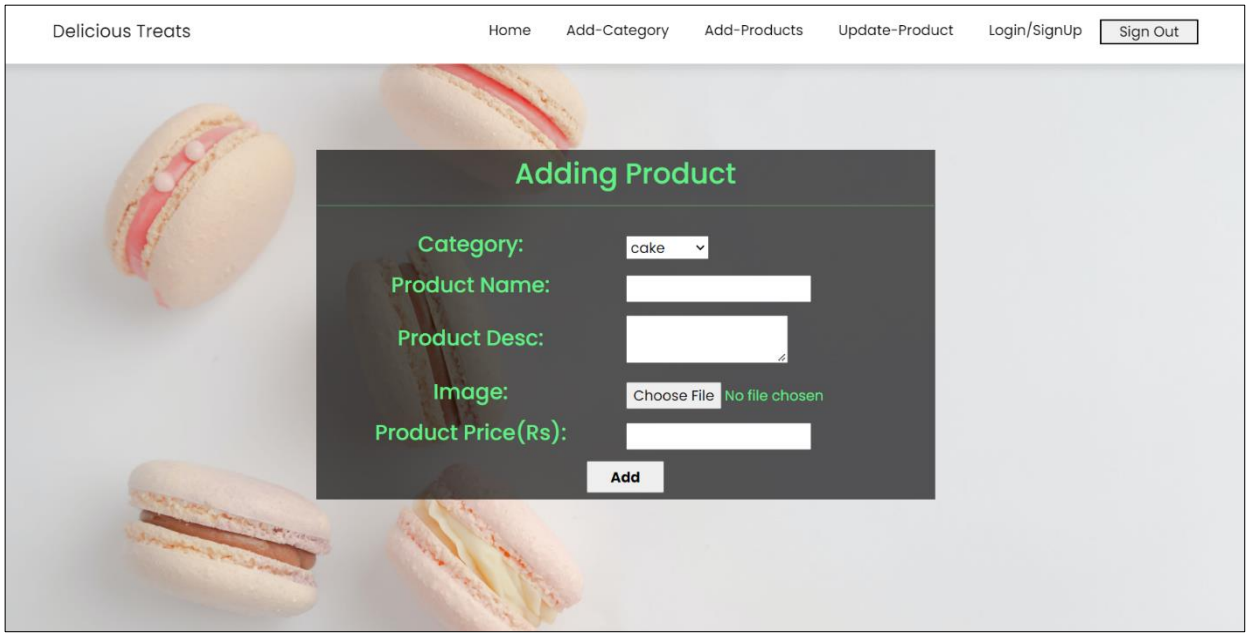
Home page:



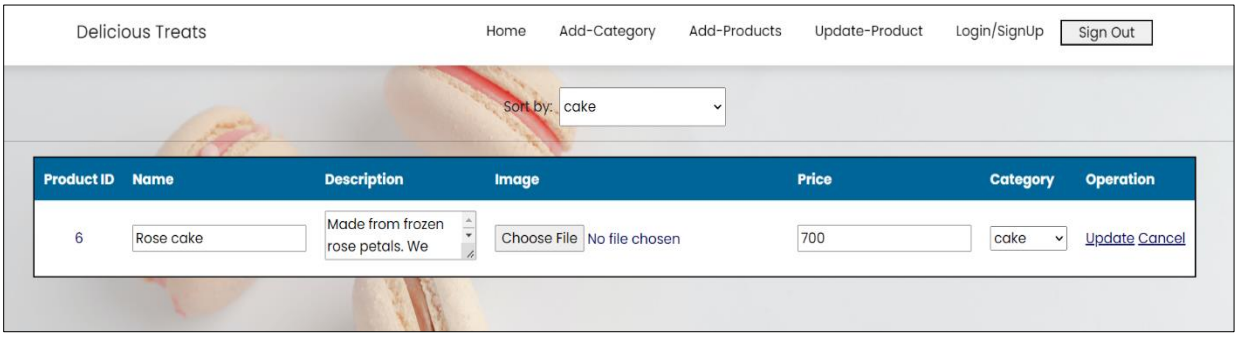
Add-category page:



Add-product page:



Update product:



7. TESTING AND IMPLEMENTATION

Testing and implementation is the process, which tells the reality efficiency and the flexibility of the system design. Reliability means how much the user is expecting from the system. Flexibility tells how much the user is comfortable and hopes additional facilities with the system.

Testing:

Testing is vital to the success of the system. System testing makes a logical assumption that if all the part of the system is correct, the goal will be successively achieved. It is a critical element of software quality assurance and represents the ultimate review of specification design and coding. Testing presents interesting anomaly of the software. The testing phase involves testing of system using various test data. The first test of system to see whether it produces the correct output. When the software is tested the actual output is tested with the expected output. If there is a discrepancy the sequence of instruction must be traced to determine the problem. Breaking the program down into self-contained portions, each of which can be checked at certain key points facilities the process. The best program is worthless if it does not meet needs. The first step n system testing is to prepare a plan that will test all aspects of the system in a way that promotes its credibility among potential users. The design phase focuses on the detail implementation of the system recommended in the feasibility study. Emphasis is on translating performance specification into design specification. The design phase is a transition from a user-oriented document to document oriented to the programmers or database personnel. System design goes through two phases of development, logical and physical design. The logical design describes the input, output, database and procedures. Example: Dataflow Diagram. The physical design procures the working system by defining specification that tells the programmers exactly that what the candidates system must do. The development of software system involves a series of production activities where opportunities for injunction of human error are enormous. Error may occur at the very imperfectly specified as well as later design and development stages. Because of human inability to perform and perfection, software development is followed by a quantity assurance activity. Quantity assurance also places a vital role in the whole development of the system. The quantity assurance whole of the testing phase is the testing phase is to assure that completeness accuracy of the system and minimize the testing process. In the implementation phase, the goal is to provide a logical order of the testing the common view is to eliminate program errors. This is extremely difficult and time consuming since designer cannot prove 100% accuracy. Therefore all that can be one is to put system through a “fail test” cycle-determine what will make it fail. A successful, then is one that find errors.

System Testing:

Software testing is a critical element of software quantity assurance and represents the ultimate review of specifications, design and coding. The testing phase involves the testing of testing system using various test data. Preparation of test data plays a vital role in the system testing.

After preparing the test data, the system under study is tested. Those test data, error where found and corrected by following testing steps and corrections were recorded for future reference. Thus a series testing is performed on the system before it is ready for implementation.

The various type of testing on system is:

- Unit testing
- Integrated testing
- Validation testing
- Output testing
- User acceptance testing

Unit Testing:

Unit testing focuses on verification efforts on the smallest unit of software design module. Using the unit test plans, prepared in the design phase of the system as guide important control paths are tested to uncover error within the boundary of the module. The interfaces of the each of the module under consideration are tested. Boundary condition was checked. All independent phases were exercised to ensure error handling path was tested. Each unit was thoroughly tested to check if it might fail in any possible situation. This testing was carried out during the programming itself. At the end of the testing phase, each unit was found to be working satisfactorily, as regarded to the expected output from the module.

Integration Testing:

Data can lost across an interface one module can have an adverse effect on another's sub function, when combined may not produce the desired major function. Global data structure can present problems. Integration testing is a symmetric testing for constructing tests to unrecovered error associated with the interface .all modules are combined in these testing steps. Then the entire program was tested as a whole.

Validation Testing:

At the Culmination of the integration testing the software has completely assembled as a package interfacing error have been uncovered and corrected and a final series of software validation testing begins. Here we test the system n a manner that can be reasonably expected by the customer, the system is tested against the system requirement specification.

Output Testing:

After performing validation test the next phase is output test the system, since no system could be useful if it does not produce the desired output in the desired format. By considering the format of the report/output format is considered in two ways: one is the screen and the other is on the printed form.

User-Acceptance Testing:

User acceptance test of the system is factor for the success of the system. The system under Consideration was listed for the user acceptance by keeping constant touch with the perspective user of the system at the time of design, development and making changes

Testing plan:

Test Case	Test Objectives
1	Test for username and password entry
2	Test for changing password
3	Test for entering the name
4	Test for entering mobile number
5	Test for Age of user
6	Test for registering with new email
7	Test for valid Pincode for billing
8	Test for payment
9	Test for customize cake ordering
10	Test for Adding the new product
11	Test for editing existing products.

Test case : 1

Objectives: Test for username and password

Test Data: Valid- One of the valid login name and password to enter the program

Invalid- Use of invalid login name and password to enter the program

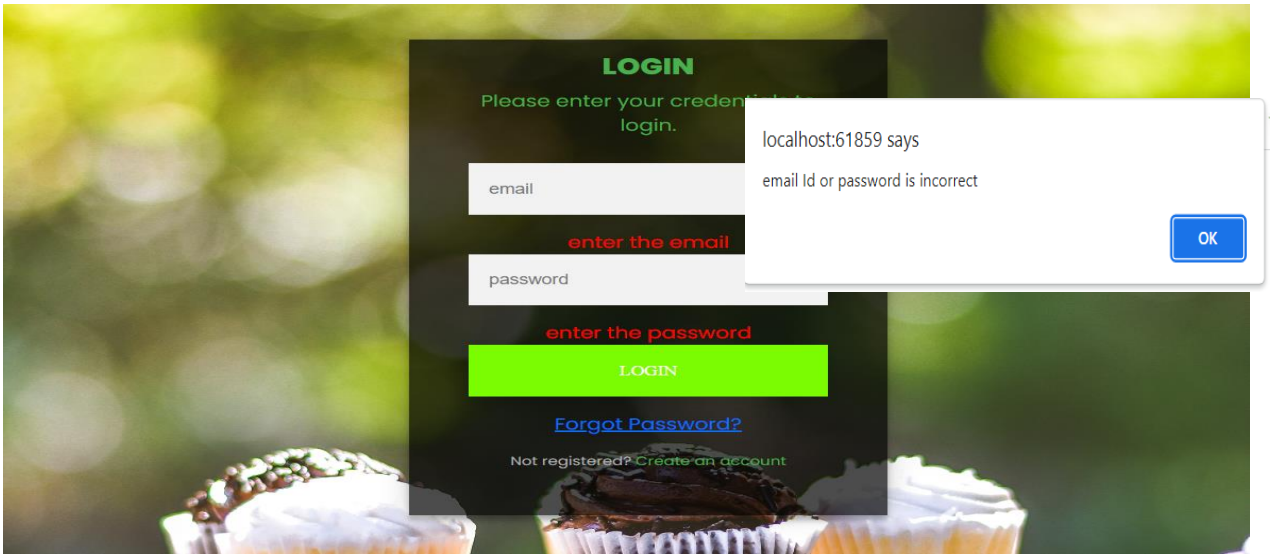
Output: Valid: Enter into the System normally

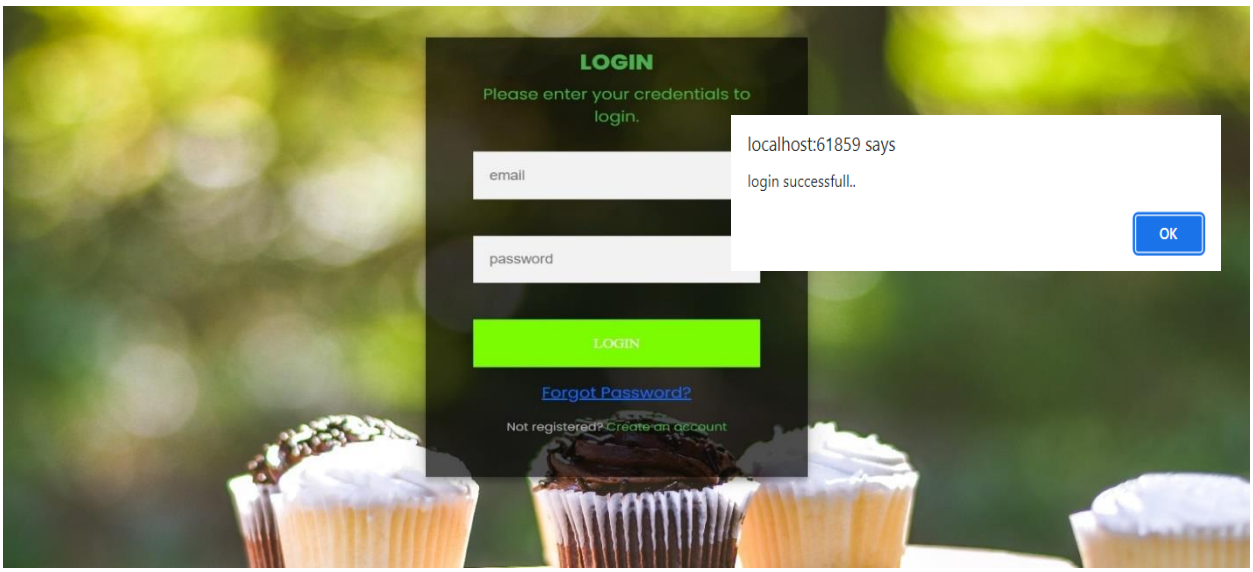
Invalid: Show the error message

Result: Valid: The user was allowed to enter the program

Invalid: The user is prompted with an error message and restricted to enter the program.

Conclusion: Both the valid and invalid results are tested. Output matches with the required result hence the test case is successful.





Test case:2

Objectives: Test for changing password

Test Data: Valid: valid password to be entered

Invalid: Password is blank and invalid password

Output: Valid: Allows changing the password

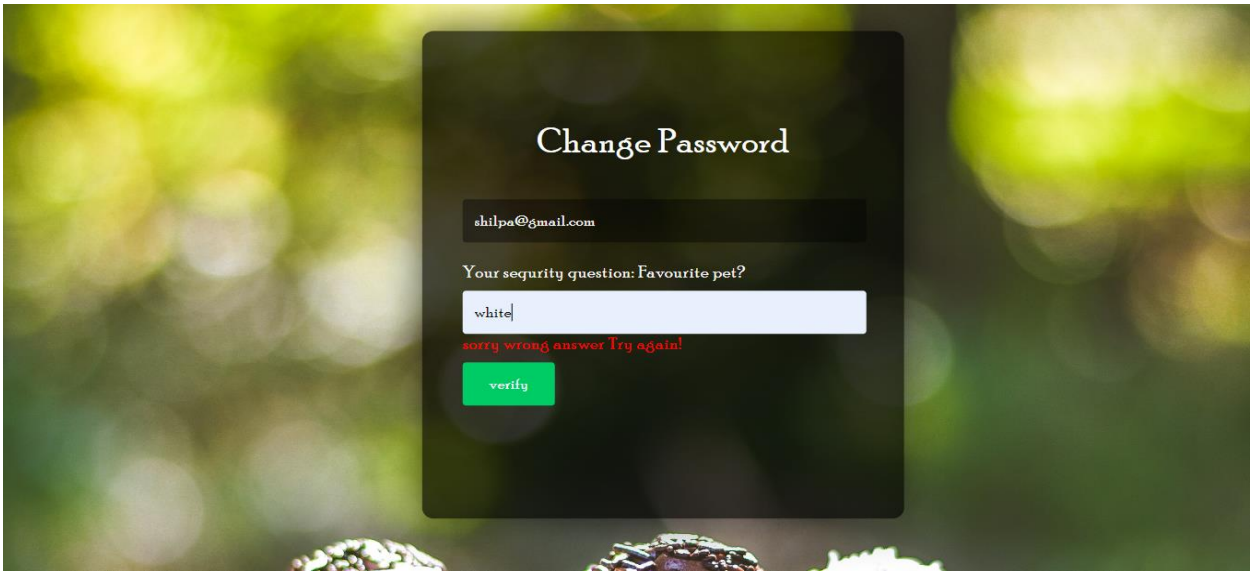
Invalid: The user is prompt with an error message

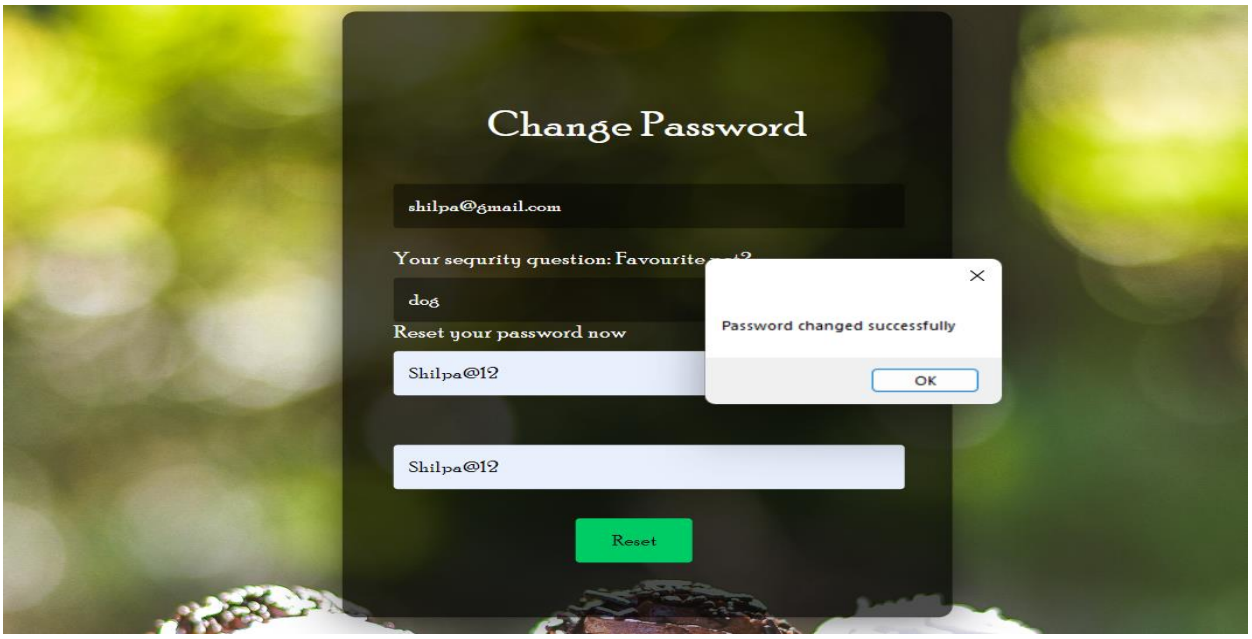
Result: Valid: Password will be changed

Invalid: The record is not updated to password

Conclusion: Both the valid and invalid results are tested. Output tally with the required result hence the test is successful

User password is change by admin.





Test case: 3

Objectives: Test for entering the name

Test Data: Valid: Only letters are allowed

Invalid: Characters other than letters

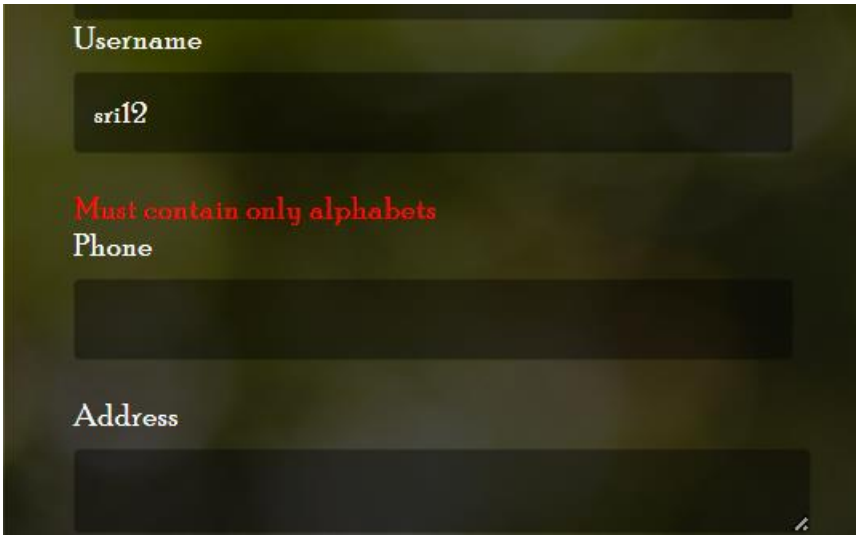
Output: Valid: Allows record to be added to the database

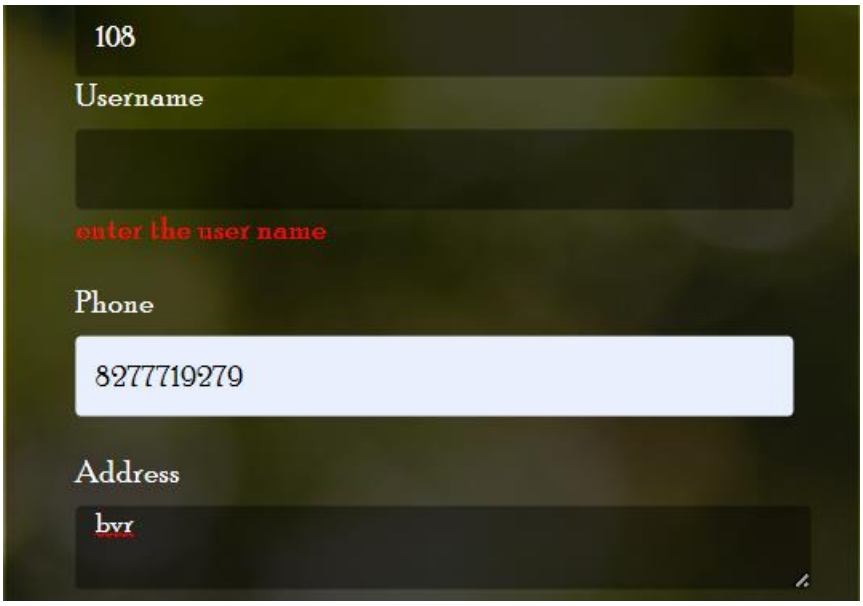
Invalid: The user is prompt with an error message

Result: Valid: Record will be saved

Invalid: The record will not saved

Conclusion: Both the valid and invalid results are tested. Output tally with the require results hence the test is successful.





Test case: 4

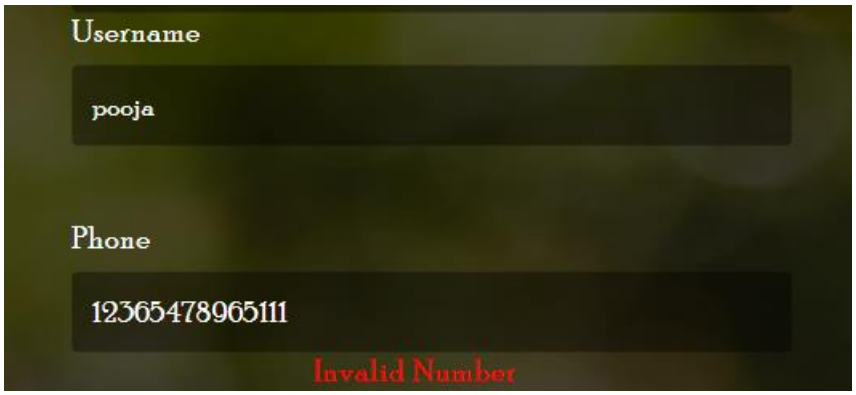
Objectives: Test for entering mobile number

Test Data: Valid: Only numbers are allowed and must contain only 10 characters.
Invalid: Characters other than numbers.

Output: Valid: Allows record to be added to the database
Invalid: The user is prompt with an error message

Result: Valid: Record will be saved
Invalid: The record will not saved

Conclusion: Both the valid and invalid results are tested. Output tally with the require results hence the test is successful



Test case :5

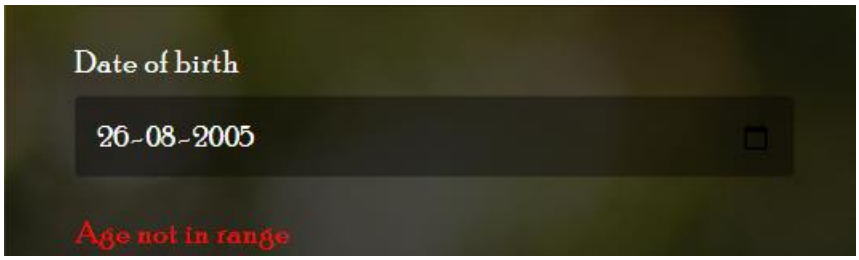
Objectives: Test for Age of user

Test Data: Valid: Users must be the age of 18 or above.
Invalid: Age less than 18.

Output: Valid: Allows record to be added to the database
Invalid: The user is prompt with an error message

Result: Valid: Record will be saved
Invalid: The record will not saved

Conclusion: Both the valid and invalid results are tested. Output tally with the require results hence the test is successful.



Test case: 6

Observation: Test for registering with new email

Test Data: Valid: All required fields are entered and the new email is used to register.

Invalid: Test for mandatory fields, if all the fields are not filled, or registering using already registered email.

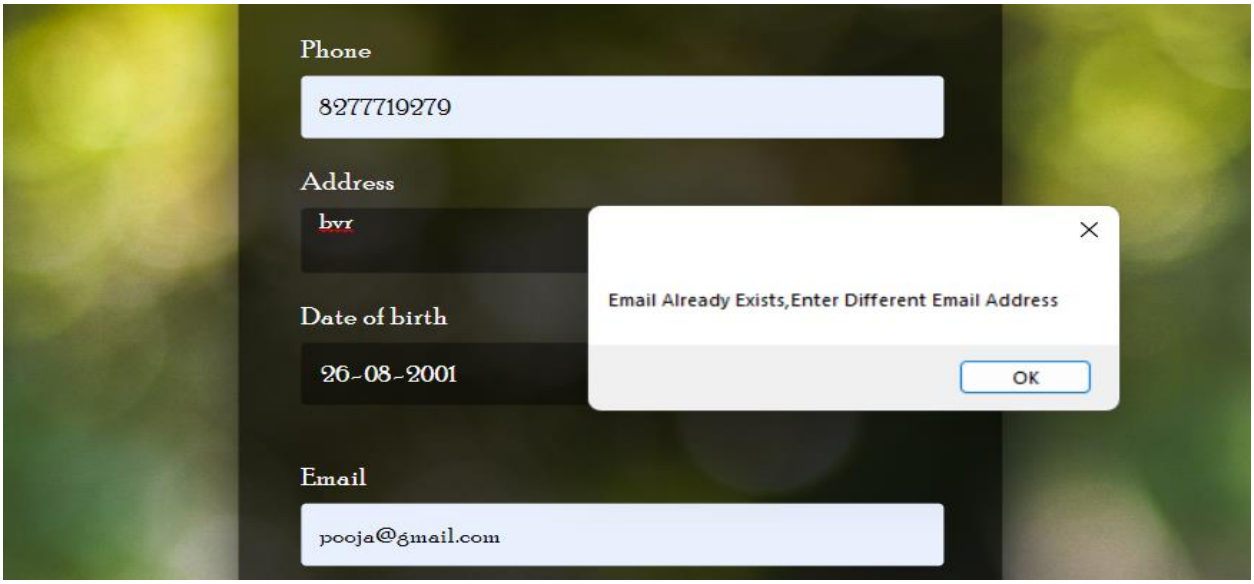
Output: Valid: Allows record to be added to the database

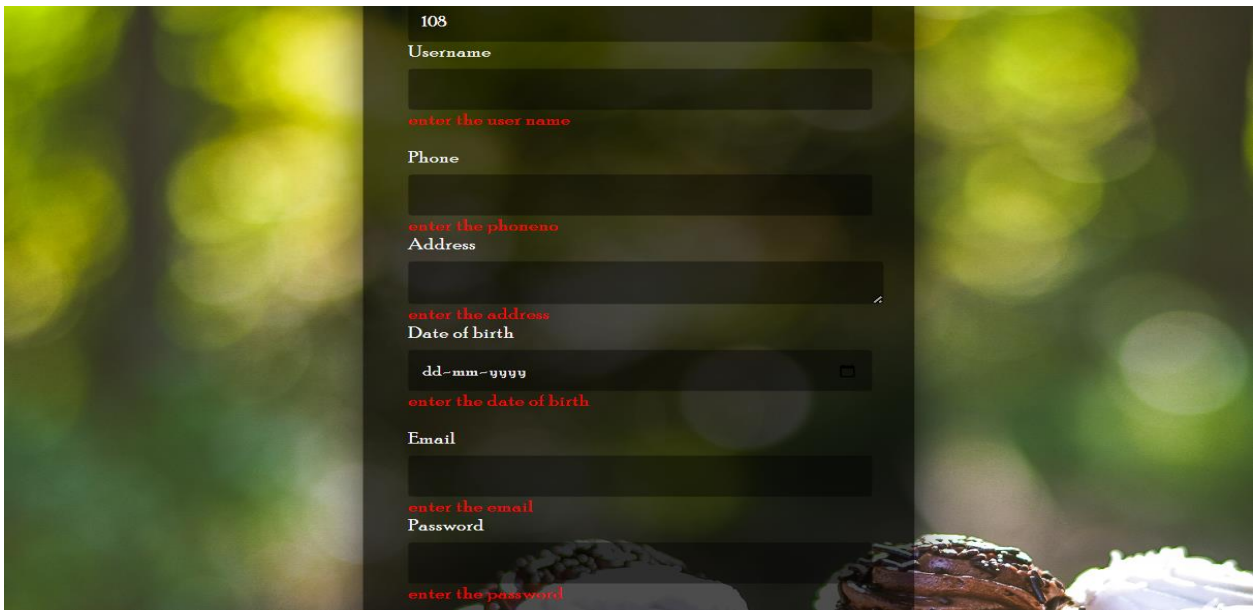
Invalid: The user is prompt with an error message

Result: Valid: Record will be saved

Invalid: The record will not saved

Conclusion: Both the valid and invalid results are tested. Output tally with the require results hence the test is successful.





Test case: 7

Objectives: Test for valid Pincode and all mandatory fields for billing

Test Data: Valid- all mandatory fields and one of the valid pincode to start billing

Invalid- Use of invalid pincode to start billing

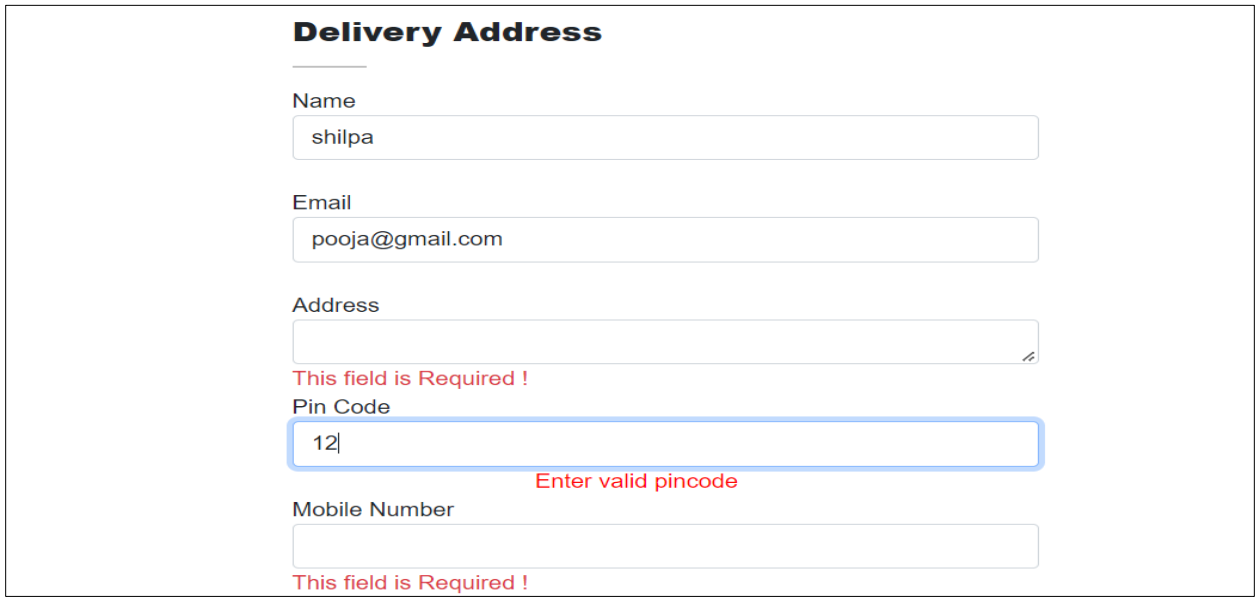
Output: Valid: Continuing for making payment for product

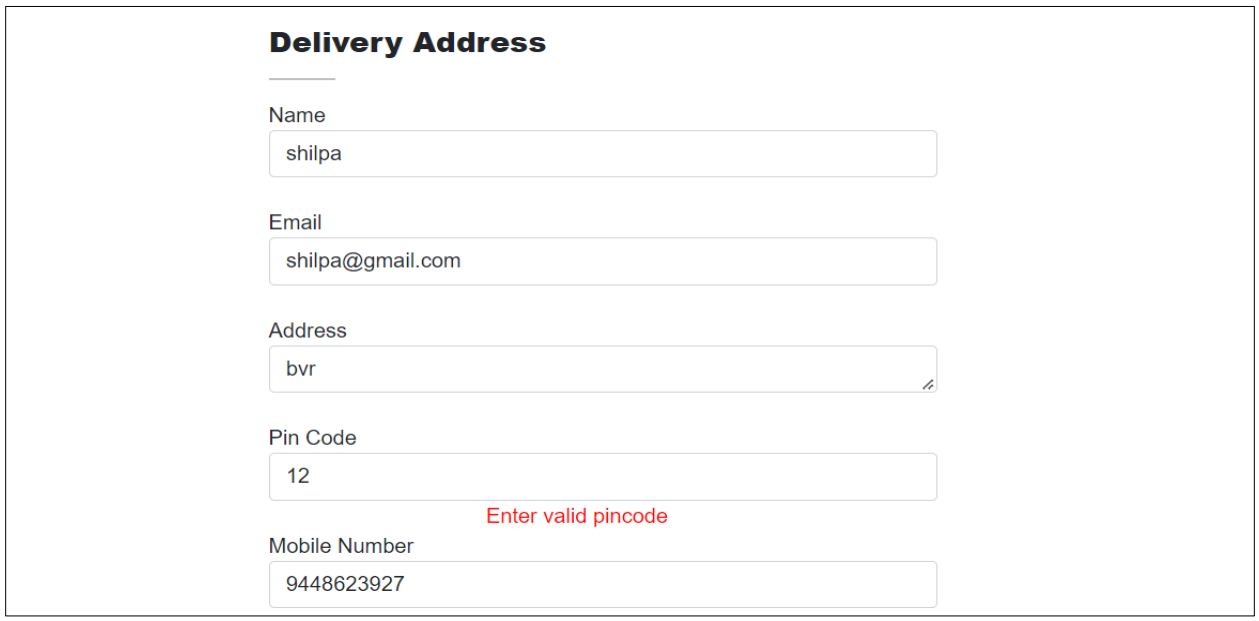
Invalid: Show the error message

Result: Valid: The user was allowed to continue

Invalid: The user is prompted with an error message and restricted to continue

Conclusion: Both the valid and invalid results are tested. Output matches with the required result hence the test case is successful.





Test case:8

Objectives: Test for Payment process

Test Data: Valid- All mandatory fields are to be entered, valid CVV and Card number to be entered.

Invalid- Use of invalid CVV and card number

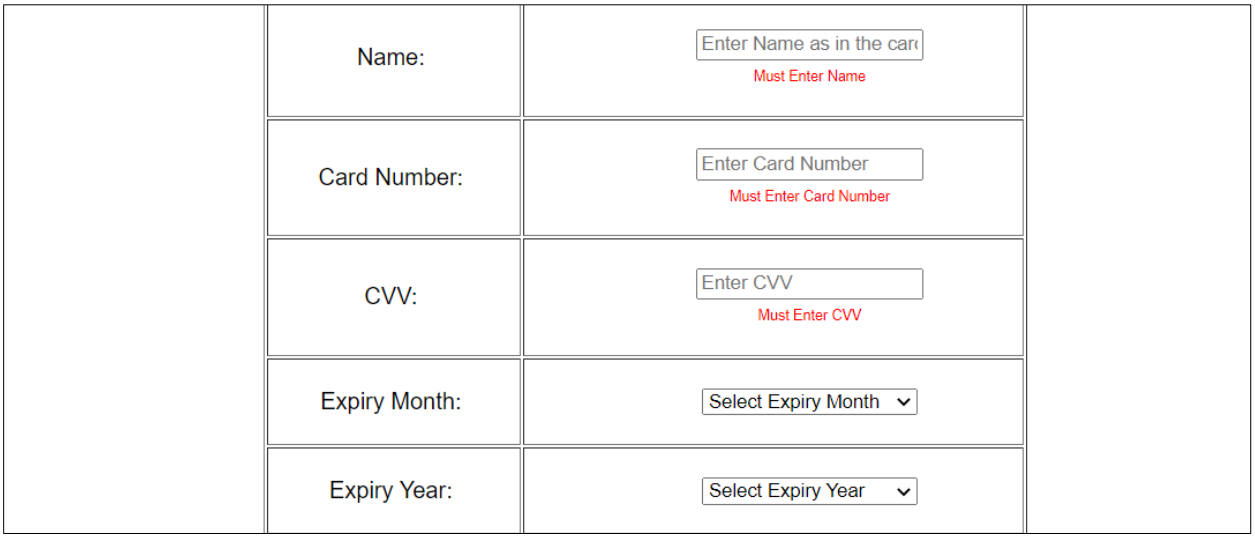
Output: Valid: Continuing for making payment for product

Invalid: Show the error message

Result: Valid: The user was allowed to continue

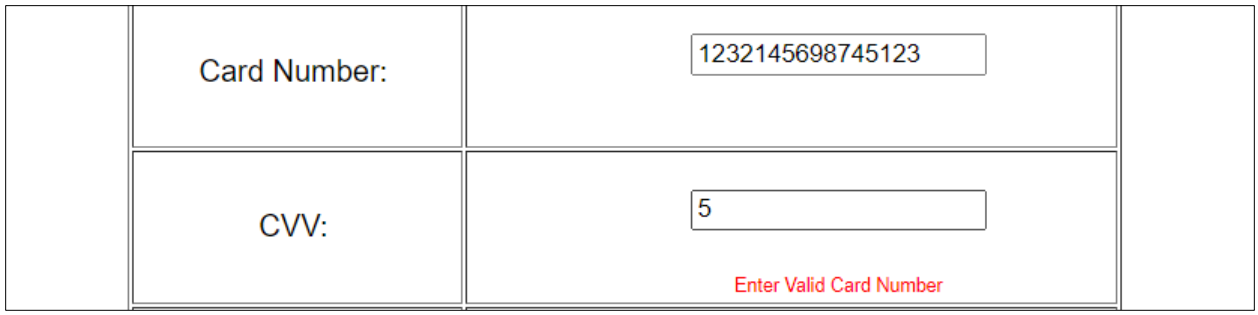
Invalid: The user is prompted with an error message and restricted to continue

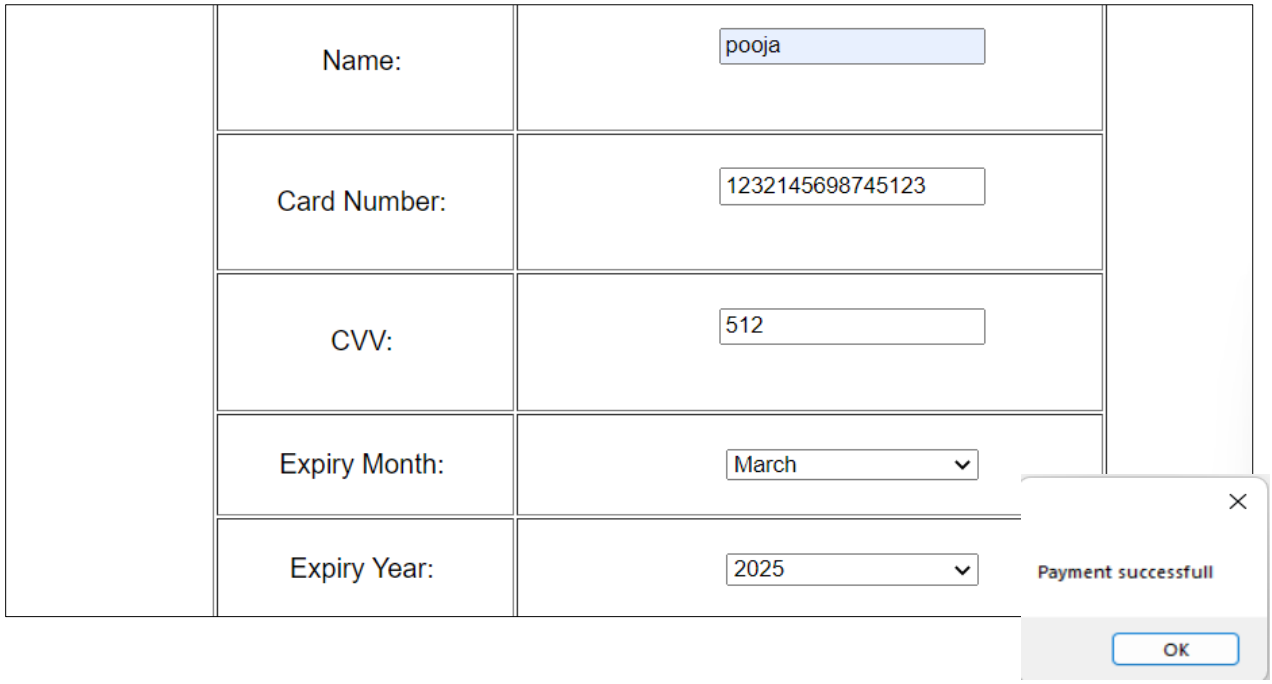
Conclusion: Both the valid and invalid results are tested. Output matches with the required result hence the test case is successful.



Should enter 16 digit valid number:

Cvv must be 3 digit number:





Test case:9

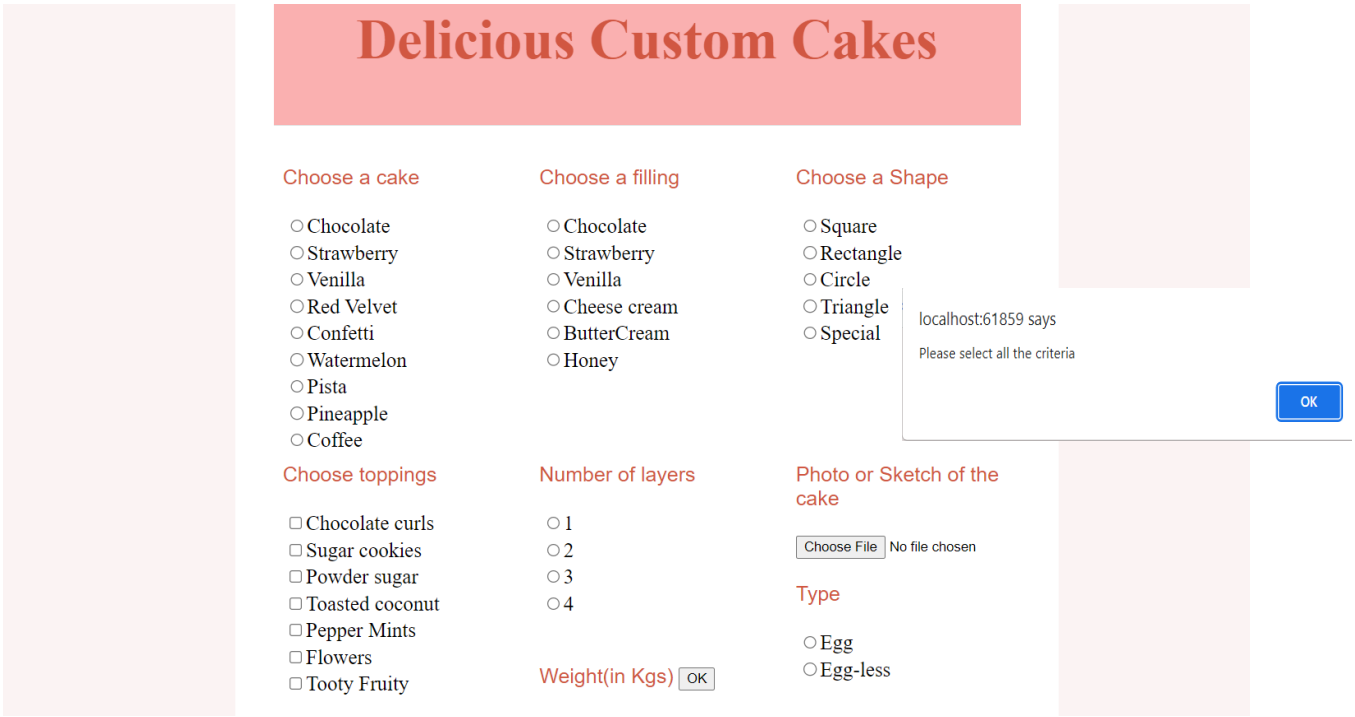
Objectives: Test for customize cake ordering

Test Data: Valid- All mandatory fields are to be entered.
Invalid- All fields are not selected.

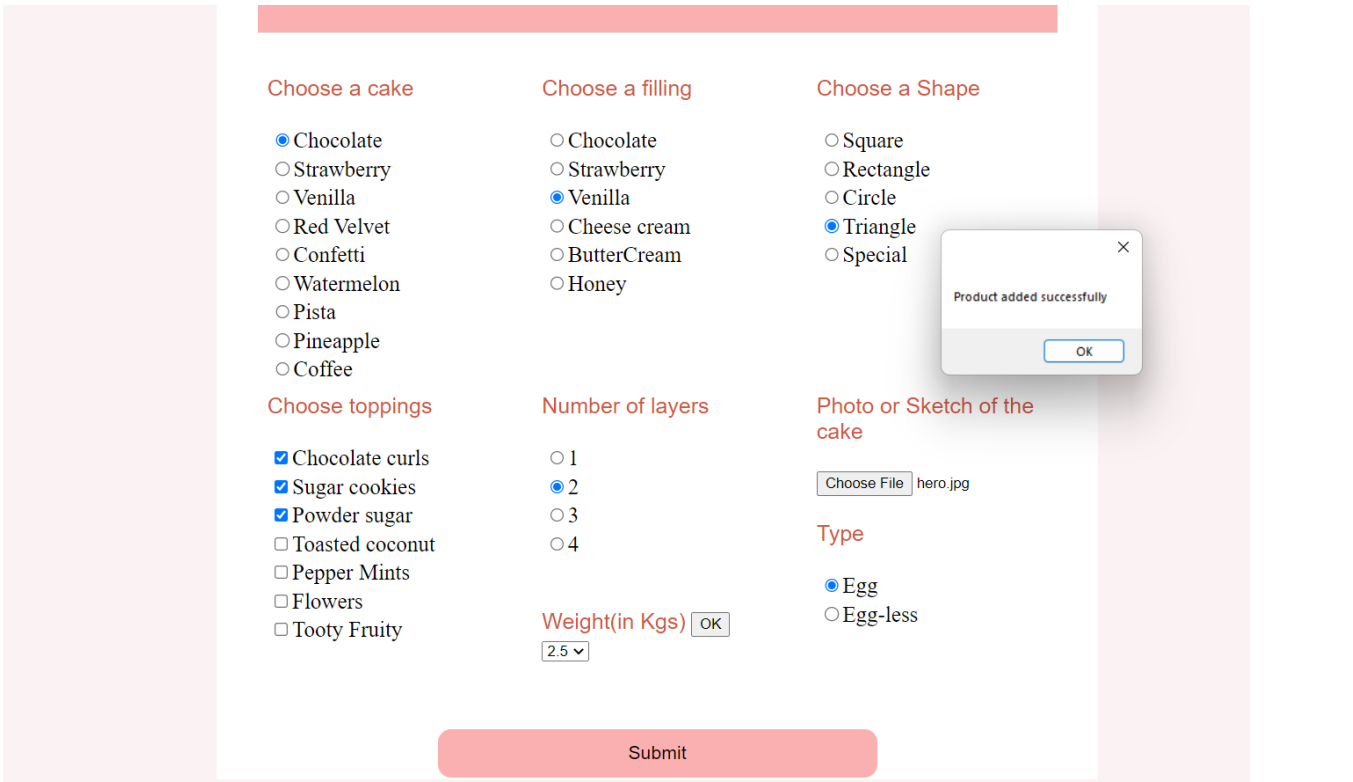
Output: Valid: Continuing for ordering the cake
Invalid: Show the error message

Result: Valid: The user was allowed to continue
Invalid: The user is prompted with an error message and restricted to continue

Conclusion: Both the valid and invalid results are tested. Output matches with the required result hence the test case is successful.



After entering all mandatory fields:



Test case:10

Objectives: Test for adding new product.

Test Data: Valid- All mandatory fields are to be entered for adding the product.

Invalid- All fields are not entered.

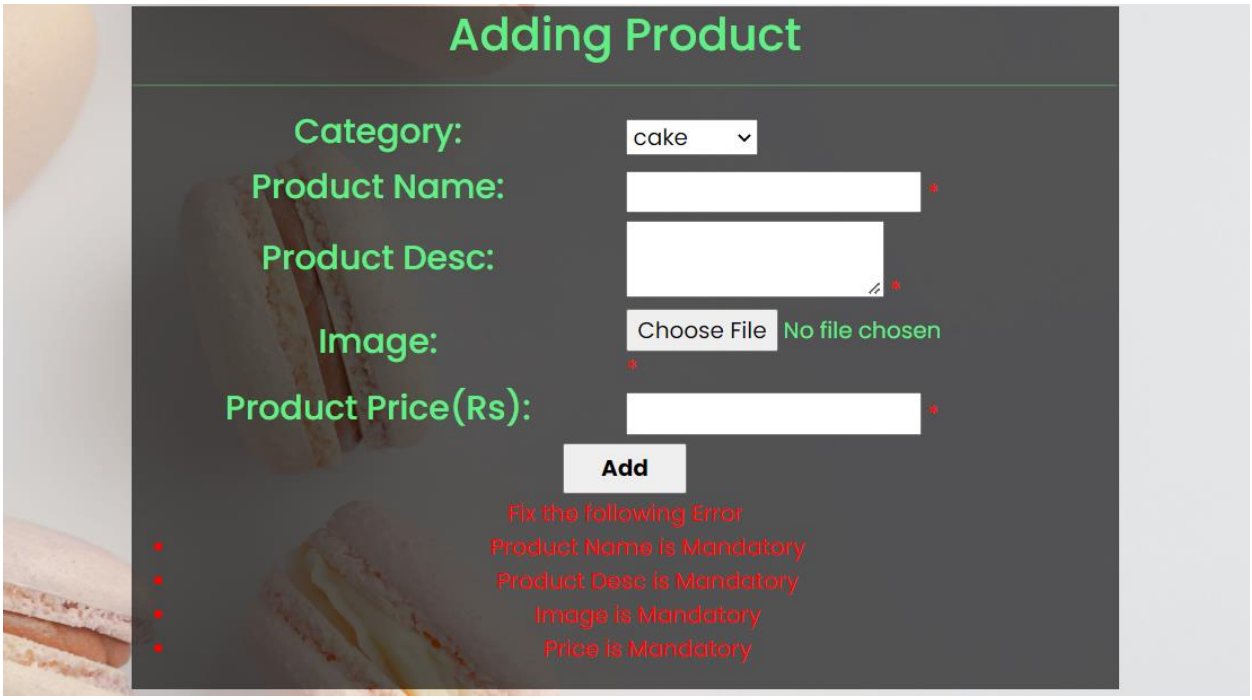
Output: Valid: Continued for adding product.

Invalid: Show the error message

Result: Valid: The admin was allowed to continue

Invalid: The admin is prompted with an error message and restricted to continue

Conclusion: Both the valid and invalid results are tested. Output matches with the required result hence the test case is successful.



Test case:11

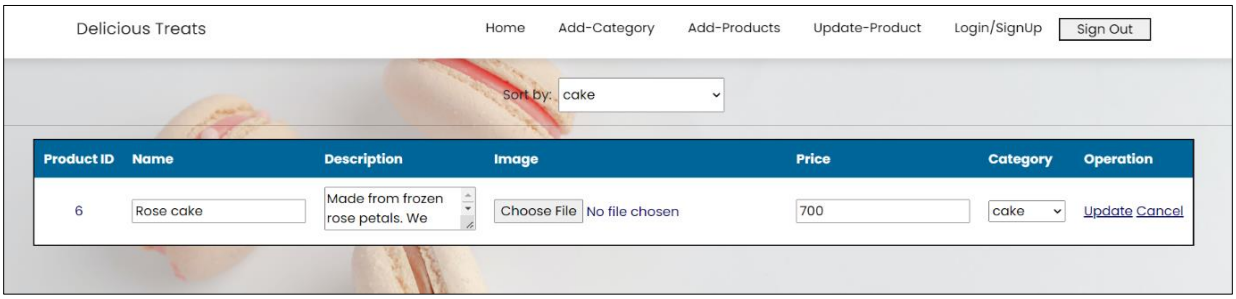
Objectives: Test for editing existing product.

Test Data: Valid- All mandatory fields are to be entered for updating the product.
Invalid- All fields are not entered.

Output: Valid: Continued for adding product.
Invalid: Error message not shown but admin cannot update.

Result: Valid: The admin was allowed to continue
Invalid: The admin is restricted to continue.

Conclusion: Both the valid and invalid results are tested. Output matches with the required result hence the test case is successful.



LIMITATIONS AND FUTURE SCOPE

- Limitations:
  - The software runs only on windows based operating system.
  - The software contains limited categories and products.
  - On successful delivery of the product to the customer, actions are not undertaken.
  - Adding additional employee facility is not available.
  - Product ingredients management is not undertaken.
  - Cancelling the order and refund.

- Future Scope:
  - Develop to work in mobile based operation system.
  - Use of more categories and products.
  - Tracking of products purchased.
  - Raw ingredients management.
  - Options for cancelling the ordered products.

DEFINITIONS, ACRONYMS, ABBREVIATION

Definitions and Abbreviations:

Connection String:

We use connection string for connecting to SQL server. Connection string defines three things data source, initial catalog and integrity security.

- Data Source: This defines the source from which data needs to be extracted.
- Initial Catalog: It is the name of the database requires.
- Integrated Security: This asks if to use the application the login name given in the beginning is enough or before starting the application if new login and password is required.
  - DFD: Data Flow Diagram
  - CFD: Context Flow Diagram
  - SQL: Structured Query Language
  - ERD : Entity Relationship Diagram.
  - GUI : Graphical User Interface.

BIBLIOGRAPHY

- An Integrated approach to Software Engineering: Pankaj Jalote.
- www.google.com
- www.tutorialspoint.com
- www.stackoverflow.com