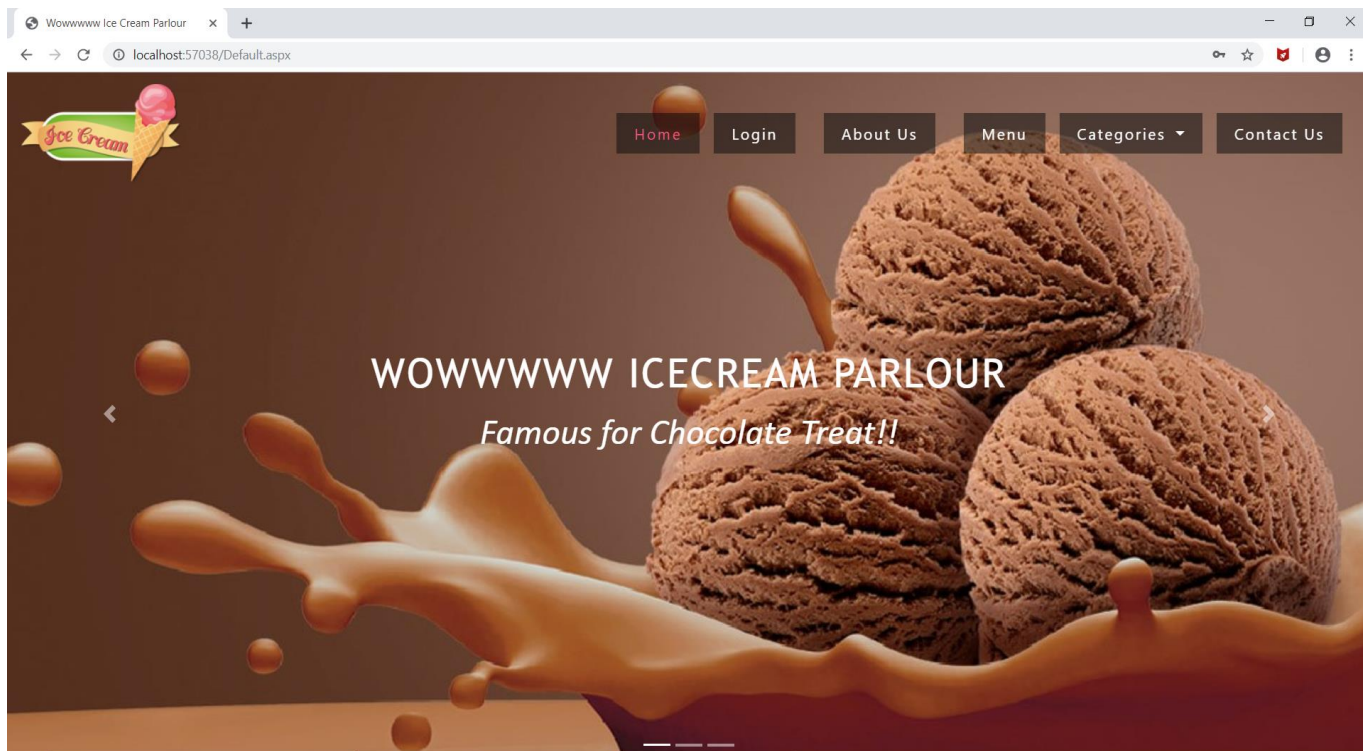


Online Ice Cream Parlour Website



INDEX

SR. NO.	TOPIC
1.	Introduction
2.	Current System and its limitations
3.	Proposed system and its advantages
4.	Software & Hardware Requirement
5.	Gantt chart
6.	ER Diagram
7.	Use Case Diagram
8.	Activity Diagram
9.	Sequence Diagram
10.	Deployment Diagram
11.	Component Diagram
12.	Class Diagram
13.	Object Diagram
14.	System Tables
15.	System Implementation
16.	Test Case
17.	Future Enhancement
18.	Bibliorgraphy

INTRODUCTION

The purpose of this website is to outline the parameters under which the principals will pursue the construction, development & operation of franchised Wowwww Ice- cream Parlour. The main objective is to make customers happy and making a profit.

Quite simply my aim is to encourage and support the production, vending and consumption of our ice creams. Each smaller objective should be geared toward getting new customers and keeping them returning again and again for a scoop of your finest flavors.

There is plenty of competition in the ice cream industry. That competition is present all year round but gets especially stiff during the hot summer. The main purpose of online icecream parlour is to develop a general purpose e-commerce store where any ice-cream such as(chocolate, vanilla, etc) can be bought from the comfort of home.

CURRENT SYSTEM

The current system includes very tremendous complex work. The system must be portable & scalable so that support users increased significantly & can be adapted to any establishment.

Like we see that in shops many shopkeeper who used to record their shop details like client, orders, rates, discount rates, etc. This involves a lot of paperwork and carries a difficult task. For calculating the amount of bill many shopkeeper uses a calculator.

Limitations of current system

- **TIME CONSUMING**
- **LESS SECURITY**
- **WASTE OF PAPER**
- **DIFFICULT TO SEARCH & REMEMBER THE DETAILS**

PROPOSED SYSTEM

The proposed system process can provide a user friendly GUI that will help data entry. It's main aim is to reduce the difficulty of remembering the details and manage the shop details easily. The developed system will be a time saving application for the user. The system makes the overall project management much easier and flexible. It can be assessed over the internet.

Advantages of proposed system

- **Accuracy & reliability**
- **User friendly**
- **Less time consuming**
- **No use of calculator**
- **Reduce human effort**
- **No paperwork**

Hardware and Software Requirements

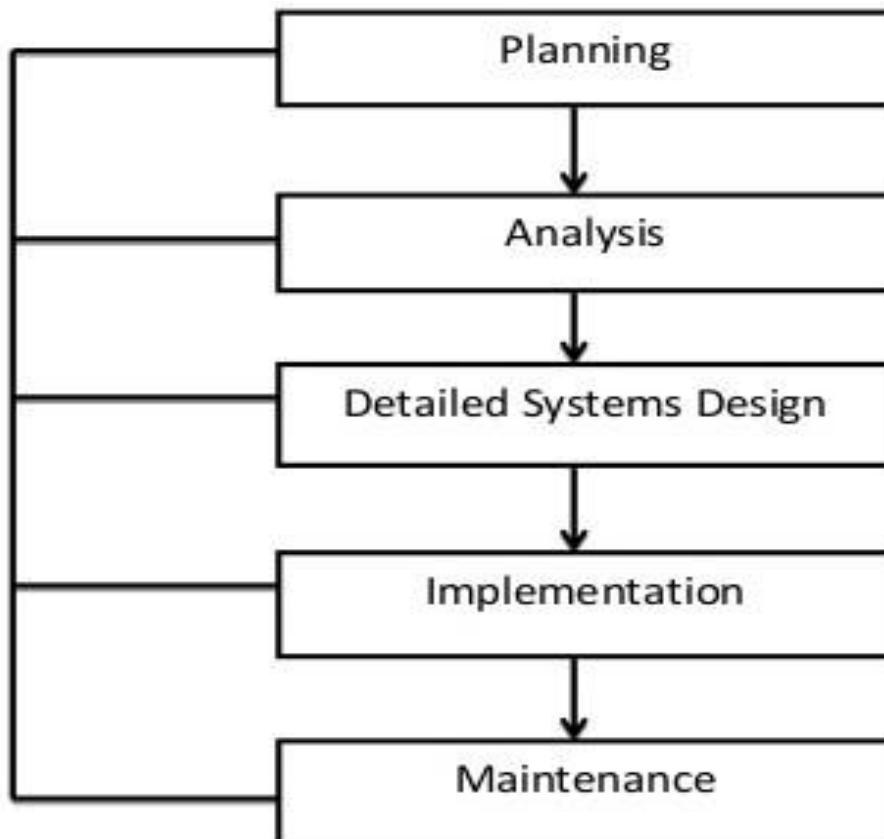
- Languages used -
- Front end: C#
- Back end: Sql server

- Hardware requirements –
- Intel core processor
- Ram 4GB & above
- 1Tb hard disk

- Software Requirements –
- Language: Microsoft C#,Microsoft Asp.Net
- Database: Microsoft Sql Server
- Operating System: Microsoft window

Detailed life cycle of Project (Logical Design)

System Development Life Cycle(SDLC) describes data design and application design.SDLS is an interactive rather than a sequential process.Thus SDLS might help to refine Feasibility study and user requirements.

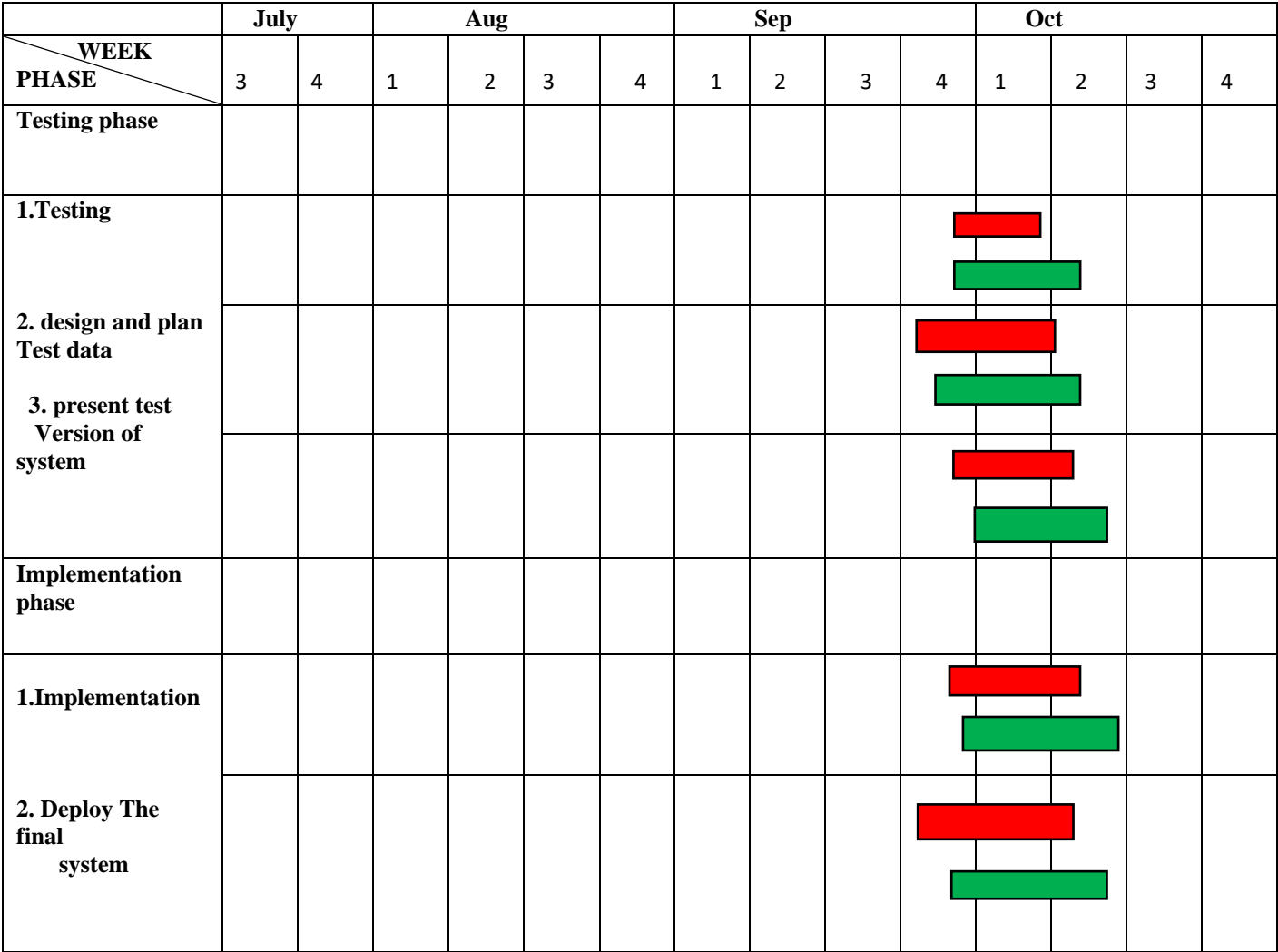


Gantt Chart

A Gantt chart, or harmonogram, is a type of bar chart that illustrates a project schedule. This chart lists the tasks to be performed on the vertical axis, and time intervals on the horizontal axis.

A Gantt chart is constructed with a horizontal axis representing the total time span of the project, broken down into increments (for example, days, weeks, or months) and a vertical axis representing the tasks that make up the project (for example, if the project is outfitting your computer with new software, the major tasks involved might be: conduct research, choose software, install software). Horizontal bars of varying lengths represent the sequences, timing, and time span for each task. Using the same example, you would put "conduct research" at the top of the vertical axis and draw a bar on the graph that represents the amount of time you expect to spend on the research, and then enter the other tasks below the first one and representative bars at the points in time when you expect to undertake them. The bar spans may overlap, as, for example, you may conduct research and choose software during the same time span. As the project progresses, secondary bars, arrowheads, or darkened bars may be added to indicate completed tasks, or the portions of tasks that have been completed. A vertical line is used to represent the report date.

Gantt charts give a clear illustration of project status, but one problem with them is that they don't indicate task dependencies - you cannot tell how one task falling behind schedule affects other tasks.



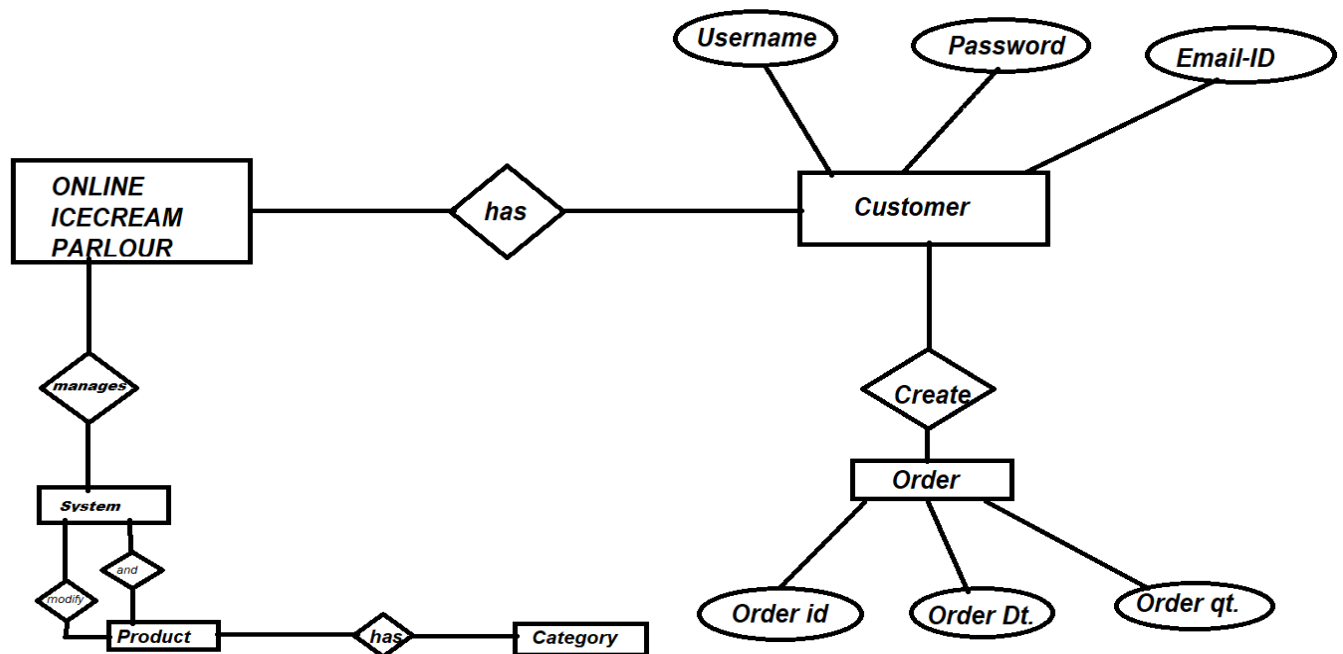
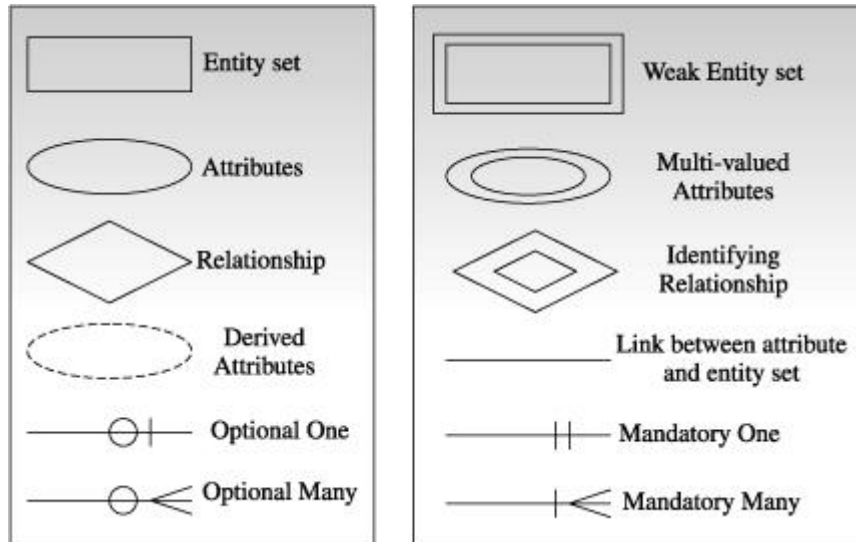
Expected time



Actual time

ER (Entity Relationship)










An entity relationship diagram (ERD) shows the relationships of entity sets stored in a database. An entity in this context is an object, a component of data. An entity set is a collection of similar entities. These entities can have attributes that define its properties.

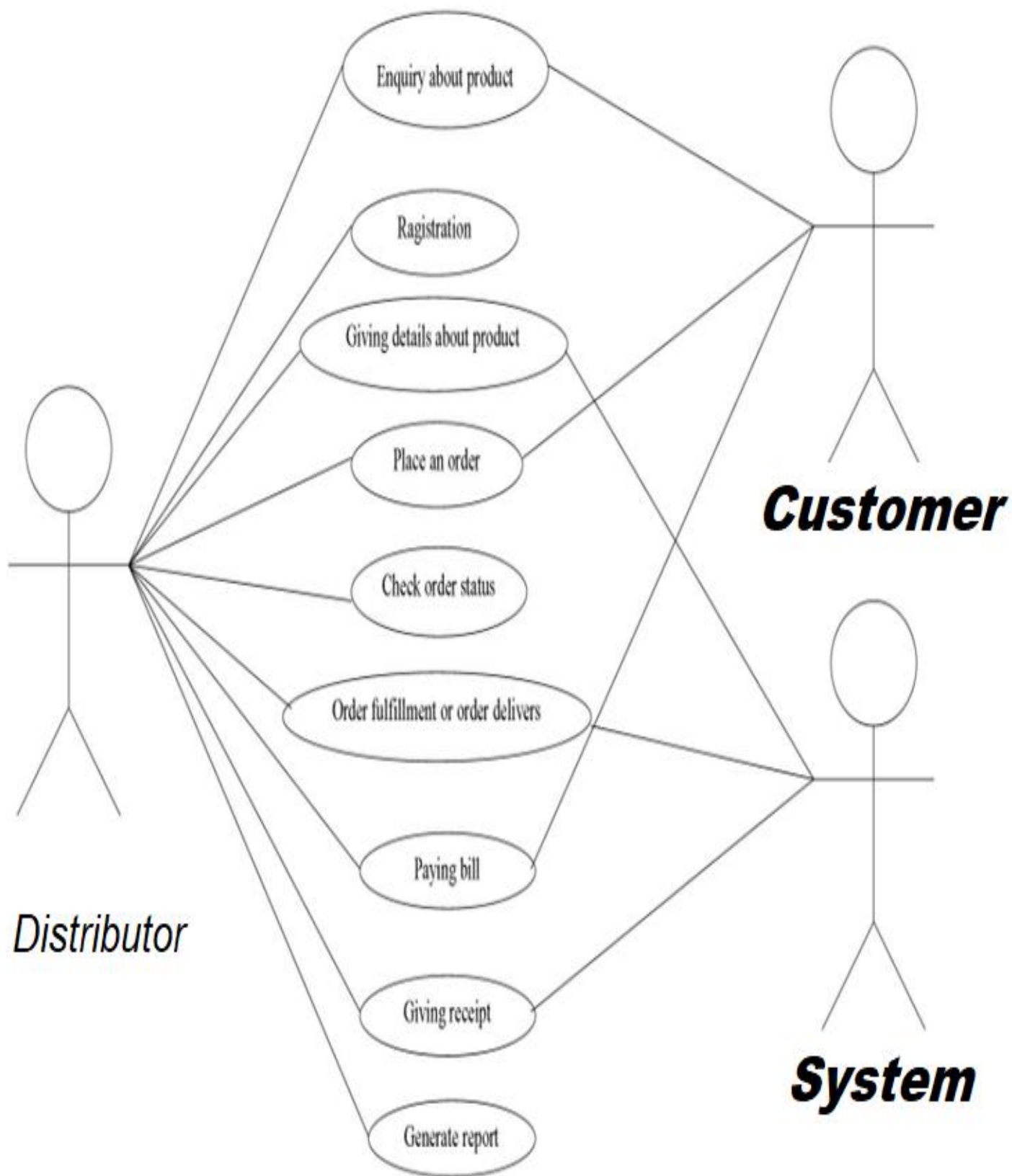


USE CASE DAIGRAM

A Use Case consists of use cases, persons, or various things that are invoking the features called as actors and the elements that are responsible for implementing the use cases. Use case diagrams capture the dynamic behaviour of a live system. It models how an external entity interacts with the system to make it work. Use case diagrams are responsible for visualizing the external things that interact with the part of the system

USE CASE DAIGRAM NOTATION:-

con	Name
	Use Case
	Association
	Actor
	System
	Include
	Extend
	Dependency
	Generalization
	Realization



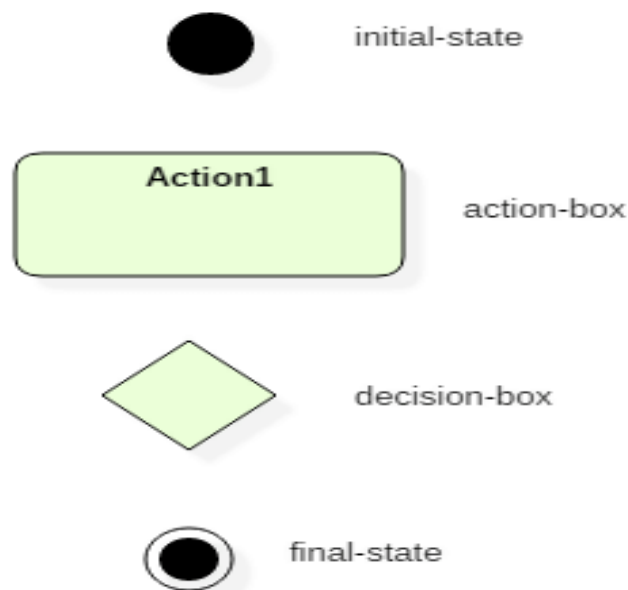
ACTIVITY DIAGRAM

Activity diagram is another important diagram in UML to describe the dynamic aspects of the system. Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system. The control flow is drawn from one operation to another. This flow can be sequential, branched, or concurrent. Activity diagrams deal with all type of flow control by using different elements such as fork, join, etc.

• Activity Diagram Notations

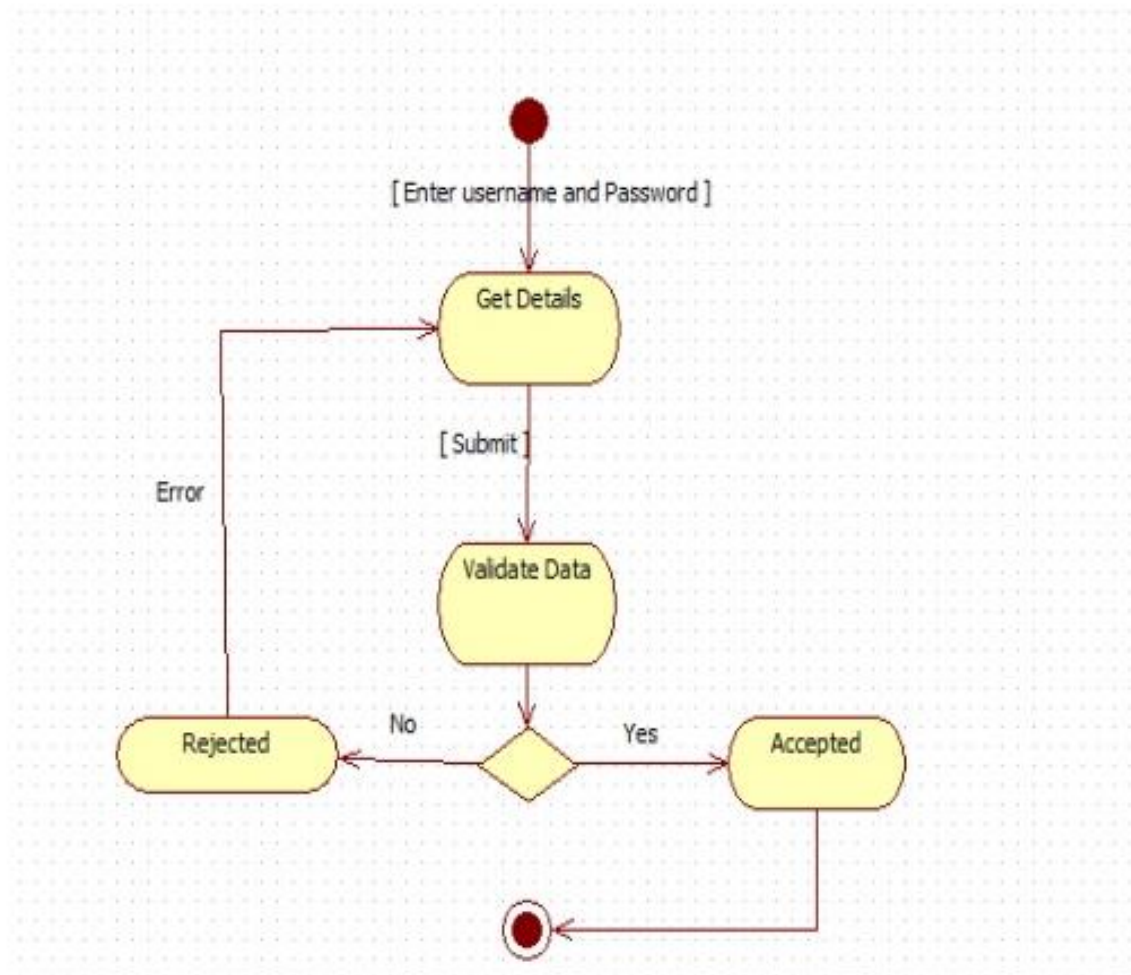
Activity diagrams symbol can be generated by using the following notations:

- Initial states: The starting stage before an activity takes place is depicted as the initial state
- Final states: The state which the system reaches when a specific process ends is known as a Final State
- State or an activity box:
- Decision box: It is a diamond shape box which represents a decision with alternate paths. It represents the flow of control.

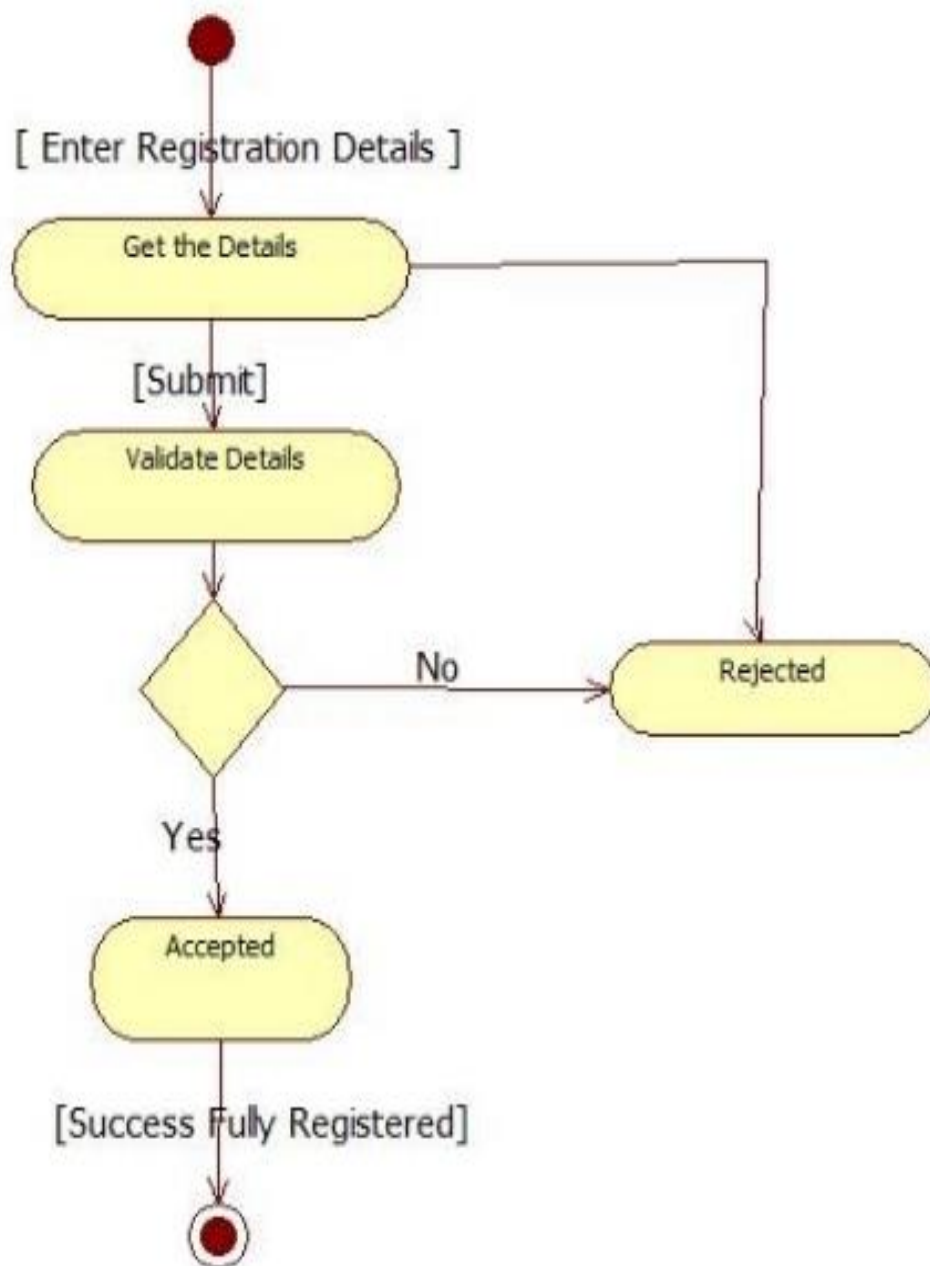


Activity Diagram:

Login Activity:



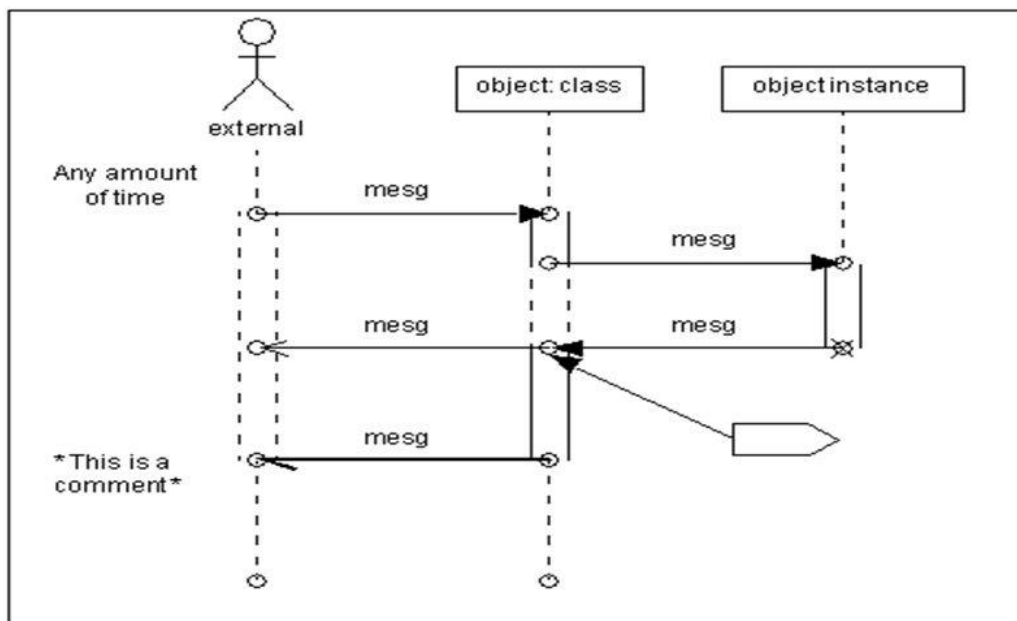
Registration Activity Diagram:

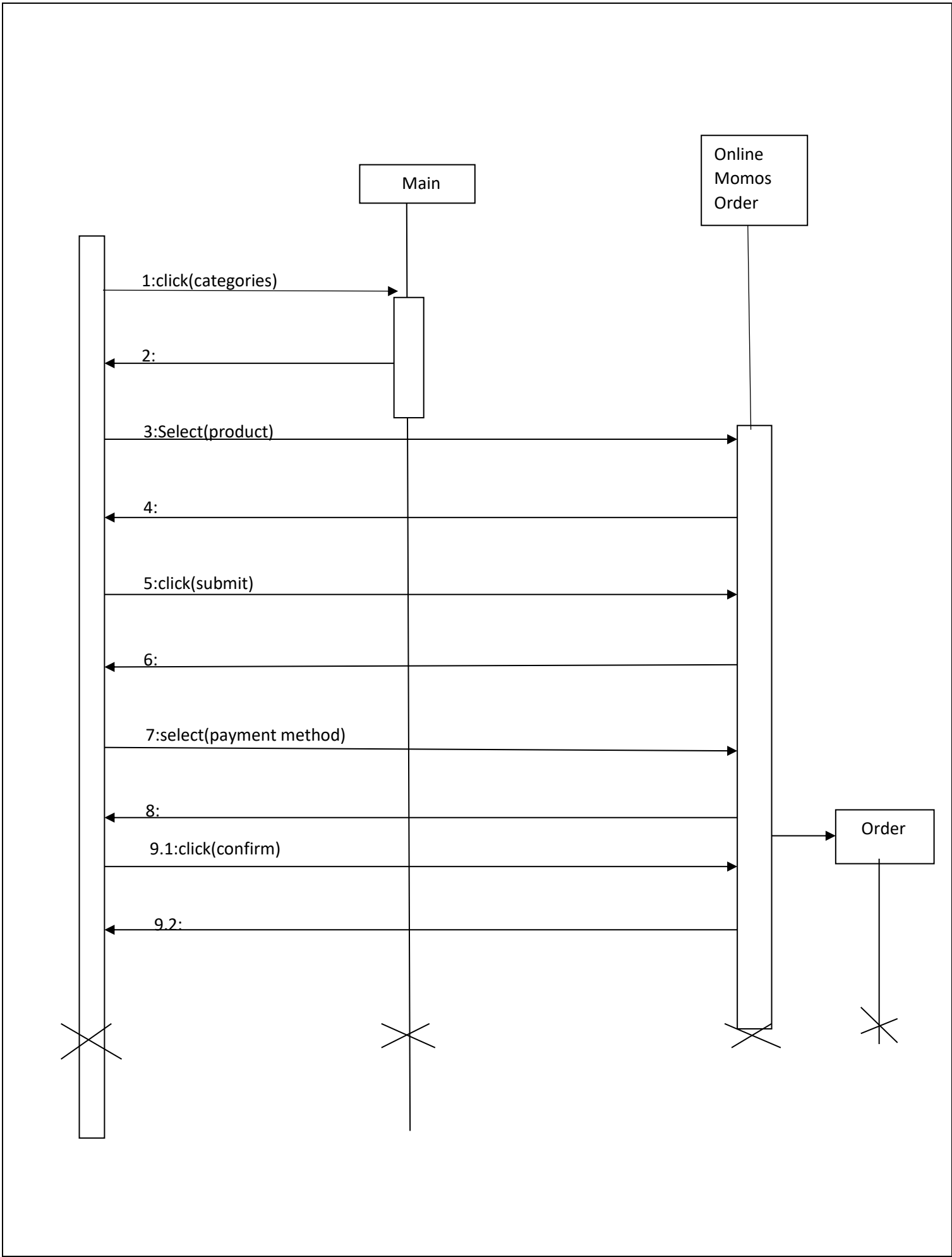


SEQUENCE DIAGRAM

A sequence diagram simply depicts interaction between objects in a sequential order i.e. the order in which these interactions take place. We can also use the terms event diagrams or event scenarios to refer to a sequence diagram. Sequence diagrams describe how and in what order the objects in a system function. These diagrams are widely used by businessmen and software developers to document and understand requirements for new and existing systems.

Symbols of the Sequence Diagram





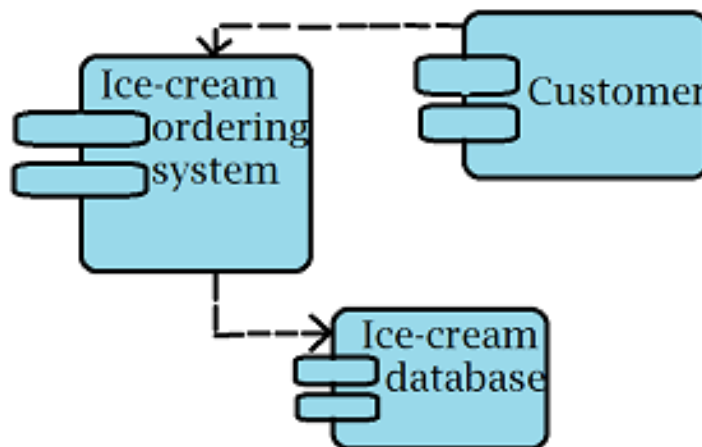


DEPLOYMENT DIAGRAM

A **deployment diagram** in the UML models the *physical* deployment on artifacts on nodes.

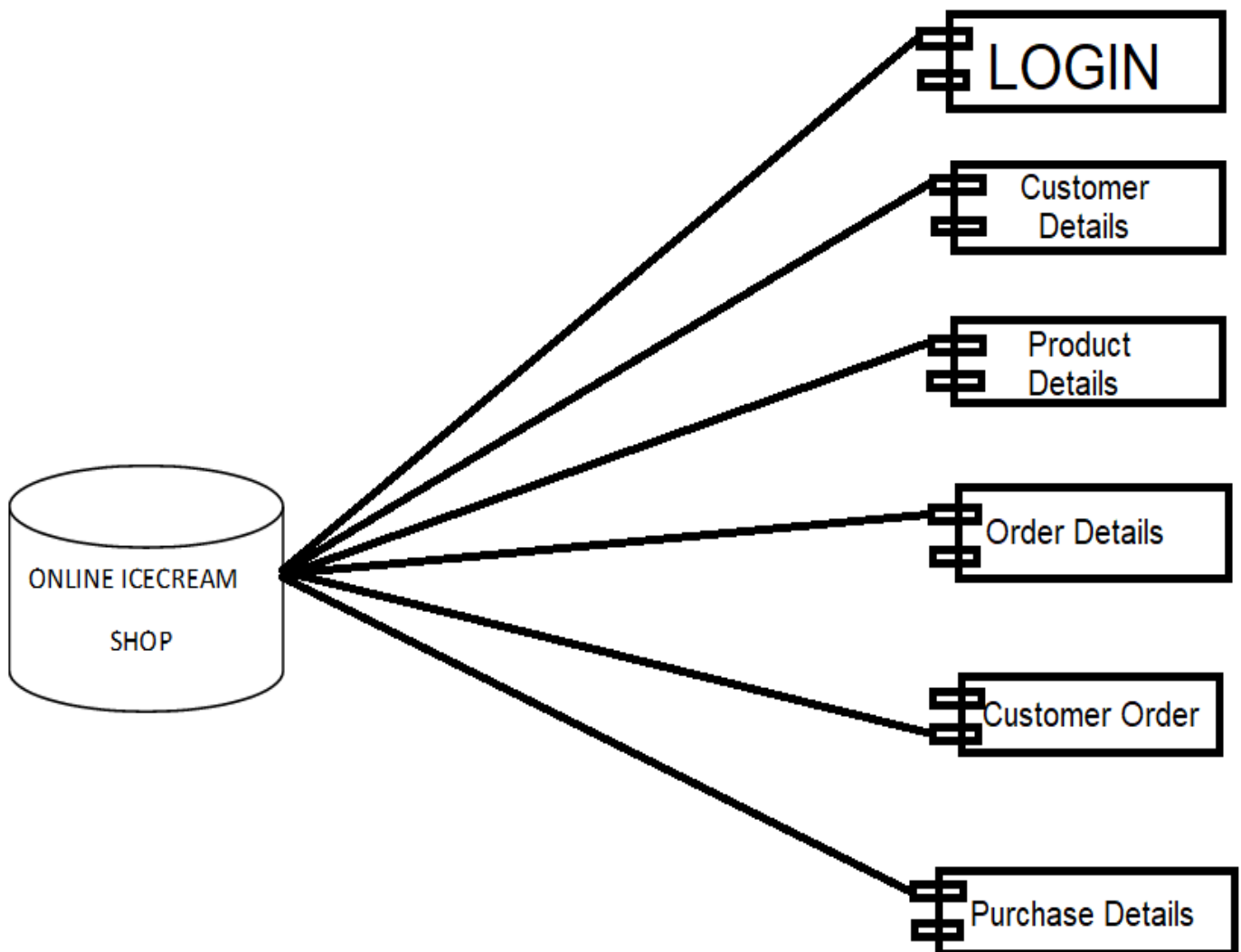
ELEMENTS OF DEPLOYMENT DIAGRAM:

ELEMENT	DESCRIPTION
	Nodes are the physical hardware used to deploy the application.
	Relationship is the connection between the two nodes.

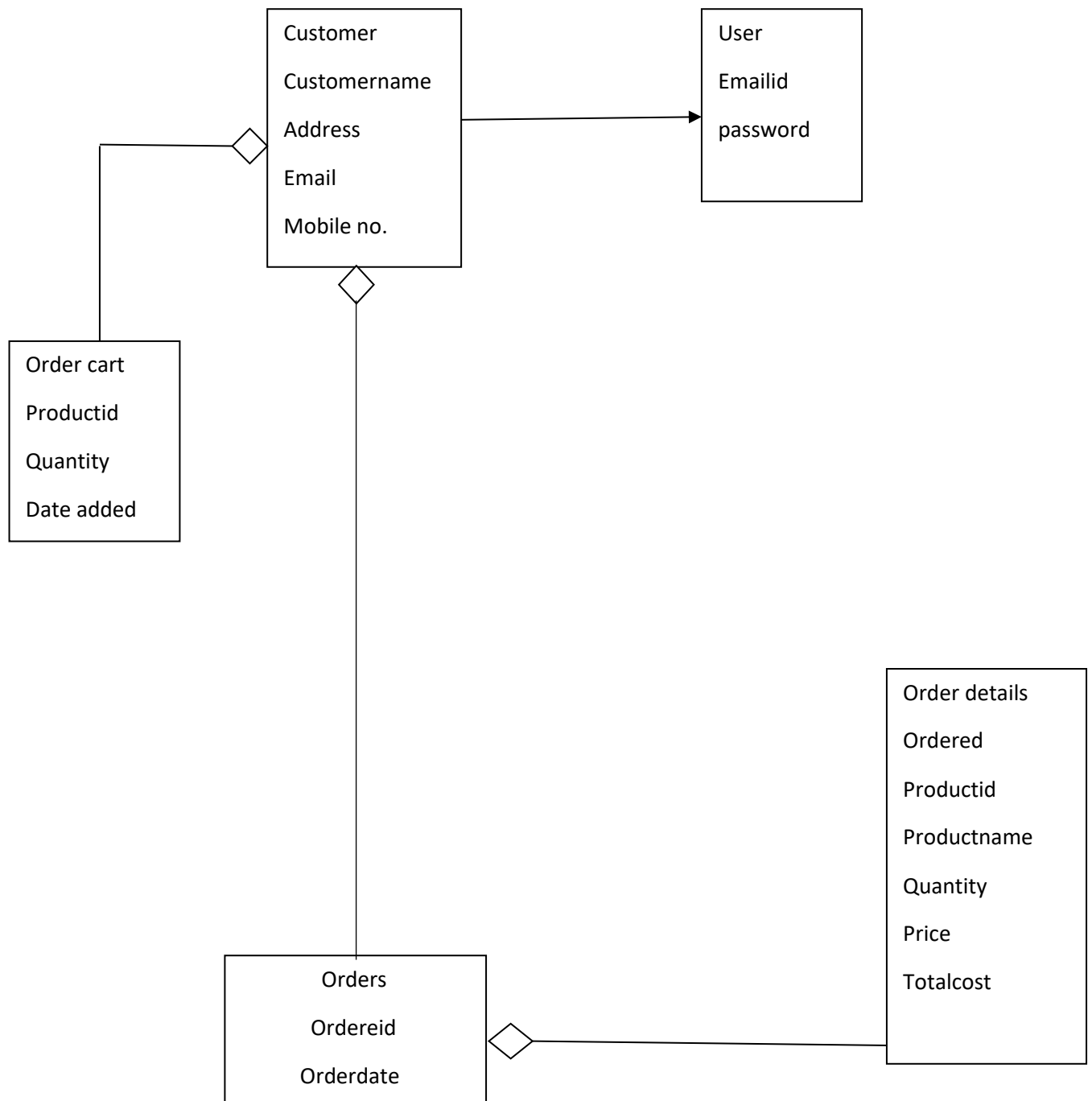


COMPONENT DIAGRAM

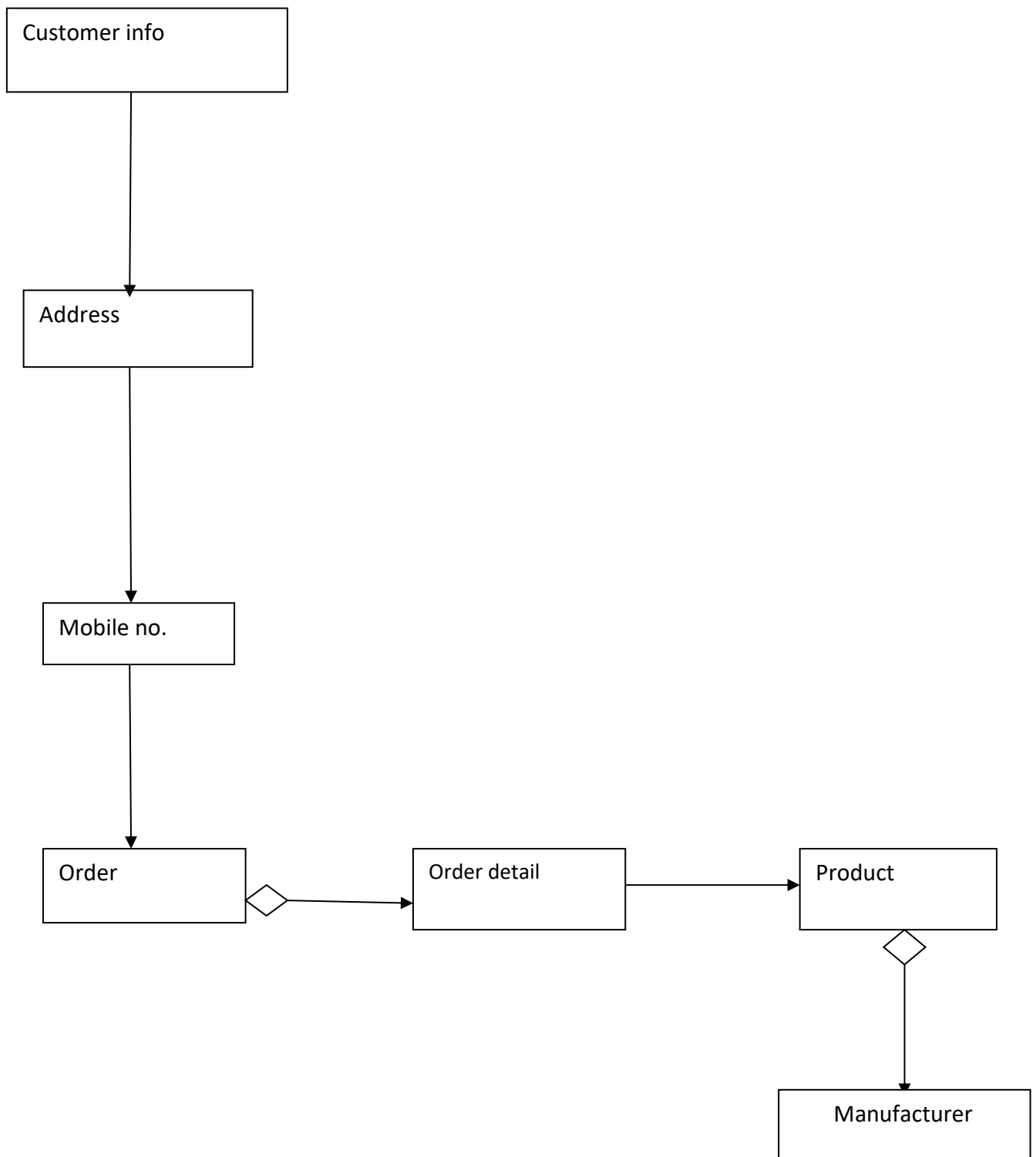
The main purpose of a component diagram is to show the structural relationships between the components of a system. In UML, Components are made up of software objects that have been classified to serve a similar purpose.



CLASS DIAGRAM



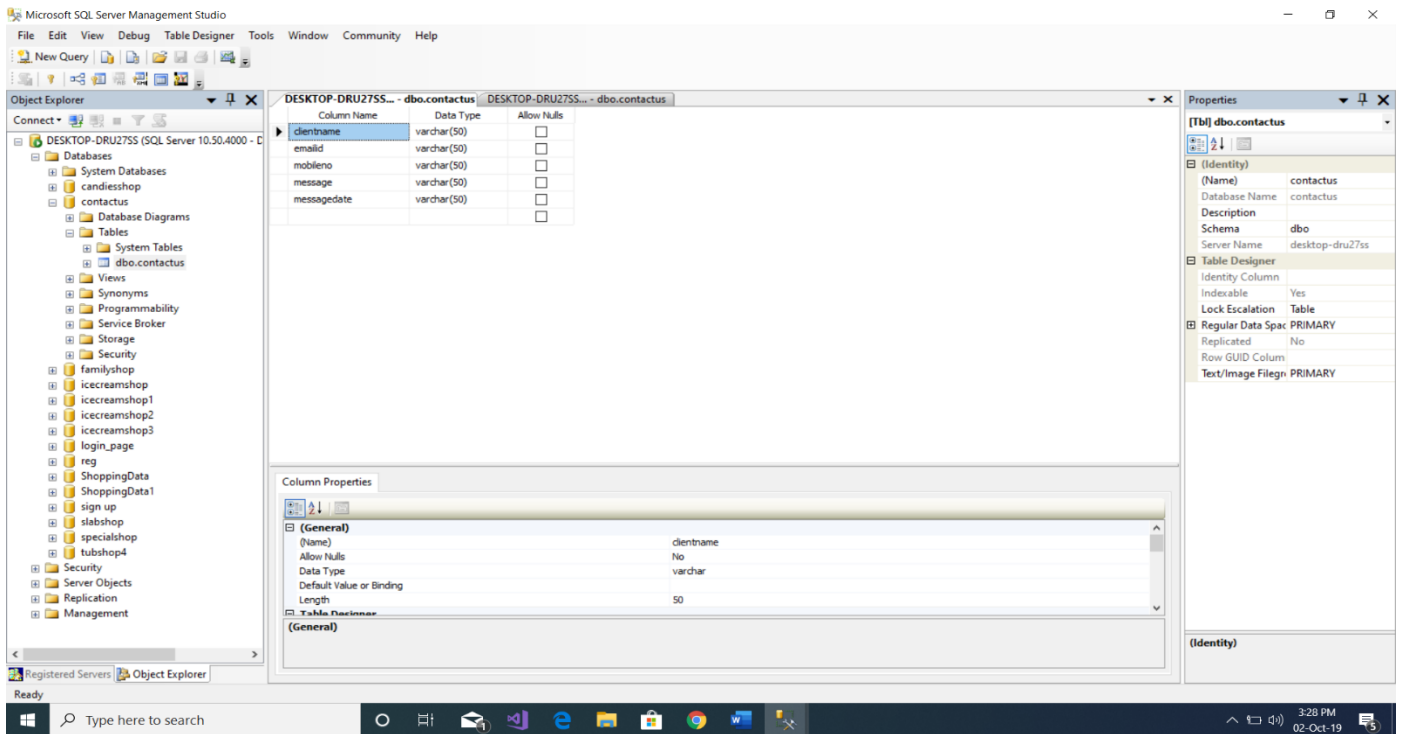
OBJECT DIAGRAM



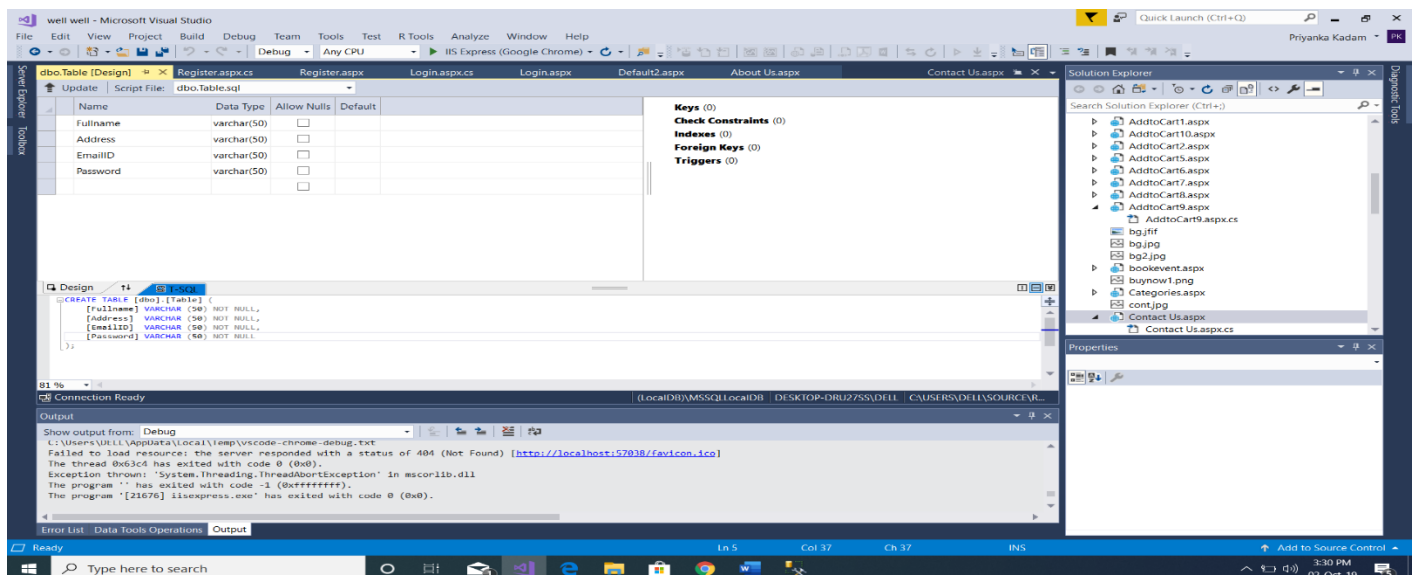
SYSTEM DESIGN

System Table -

Contact us :-

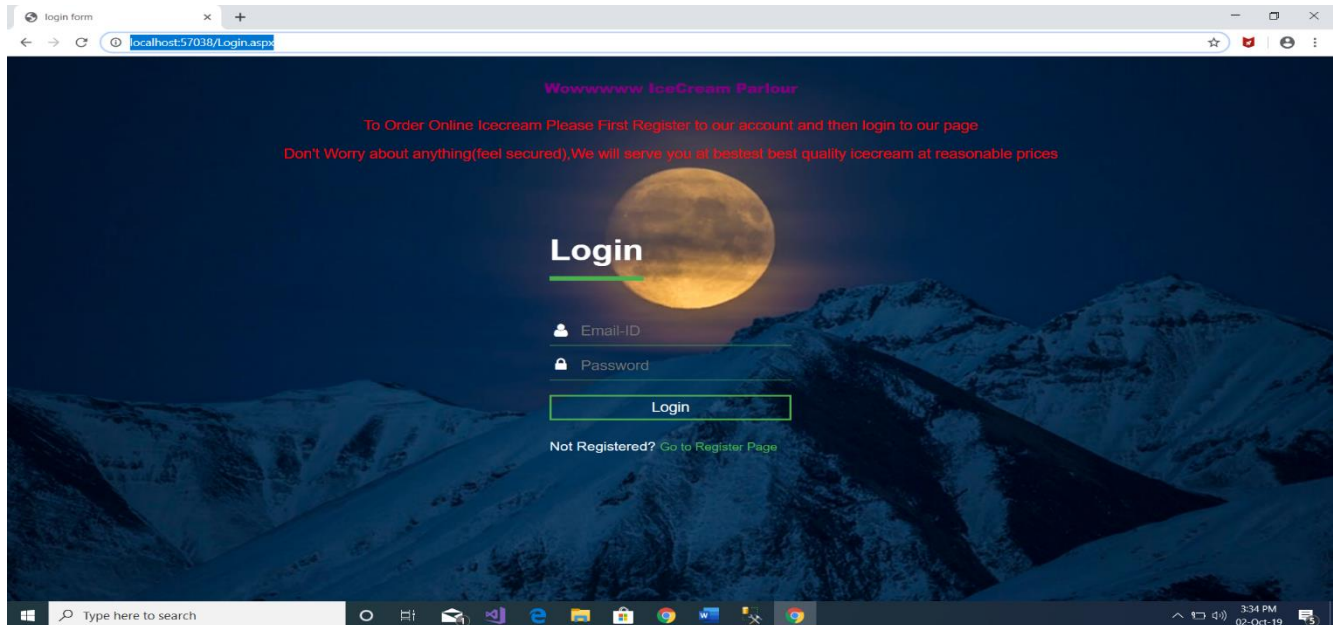


Register and login:



System Design -

Login Page:



Wowwww IceCream Parlour

To Order Online Icecream Please First Register to our account and then login to our page
Don't Worry about anything(feel secured).We will serve you at bestest best quality icecream at reasonable prices

Login

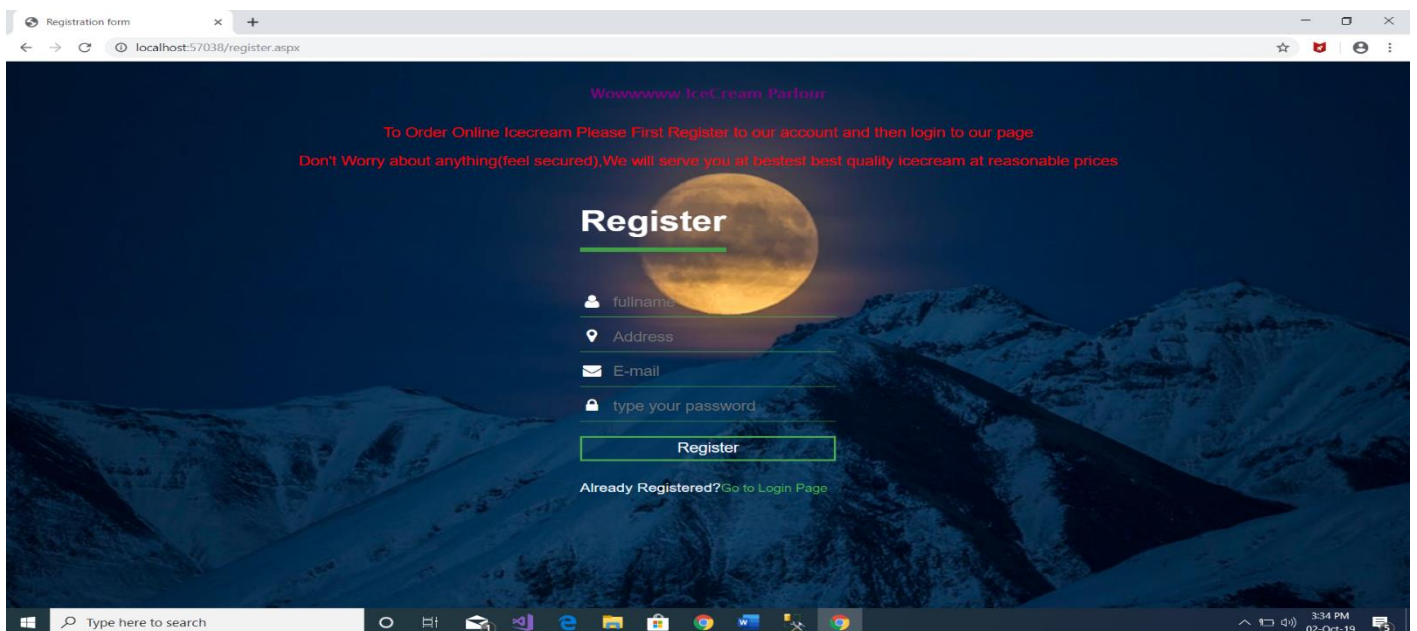
Email-ID

Password

Login

Not Registered? [Go to Register Page](#)

Register Page :-



Wowwww IceCream Parlour

To Order Online Icecream Please First Register to our account and then login to our page
Don't Worry about anything(feel secured).We will serve you at bestest best quality icecream at reasonable prices

Register

fullname

Address

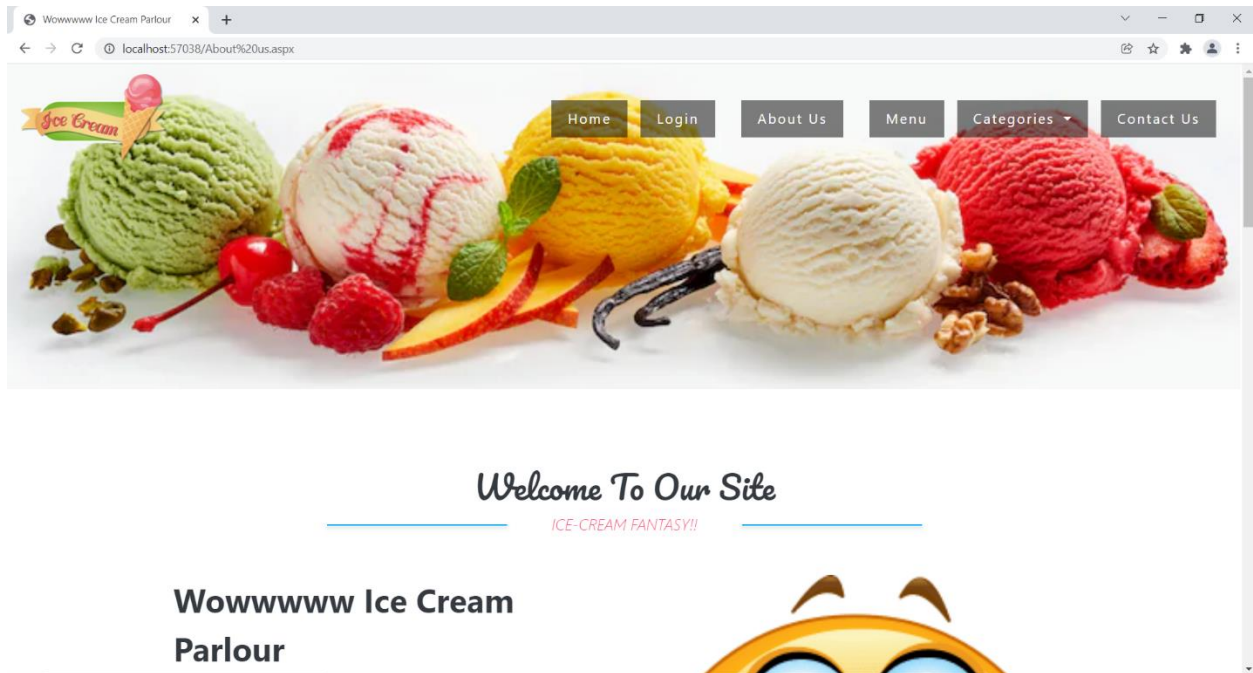
E-mail

type your password

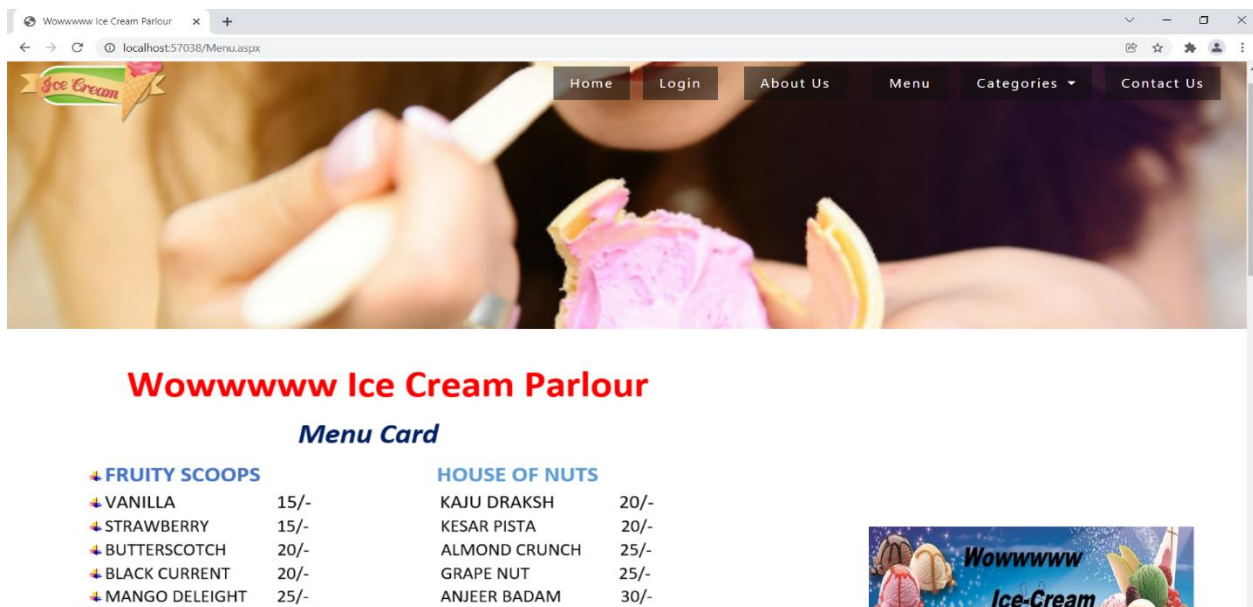
Register

Already Registered? [Go to Login Page](#)

About Us Page –

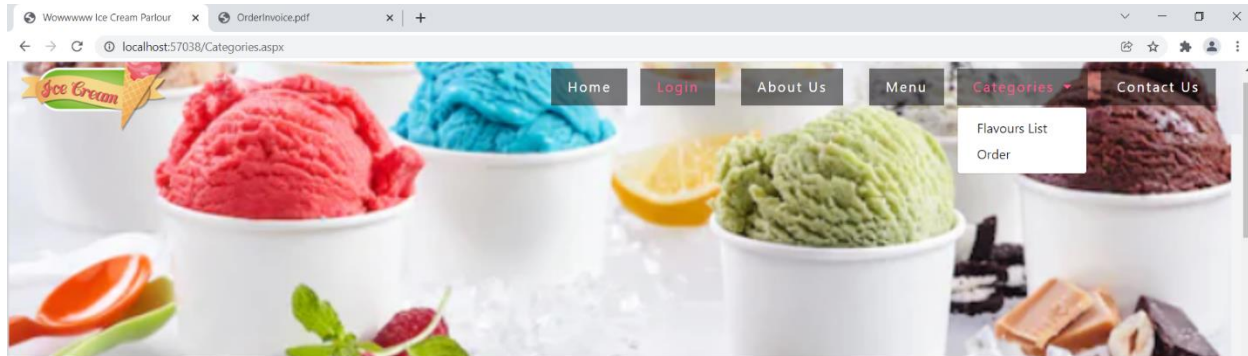


Menu Page –



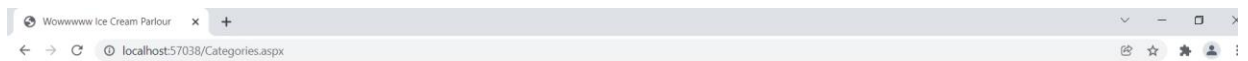
Categories Page –

Flavours List –



OUR MENU

Wowwww Ice Cream Parlour

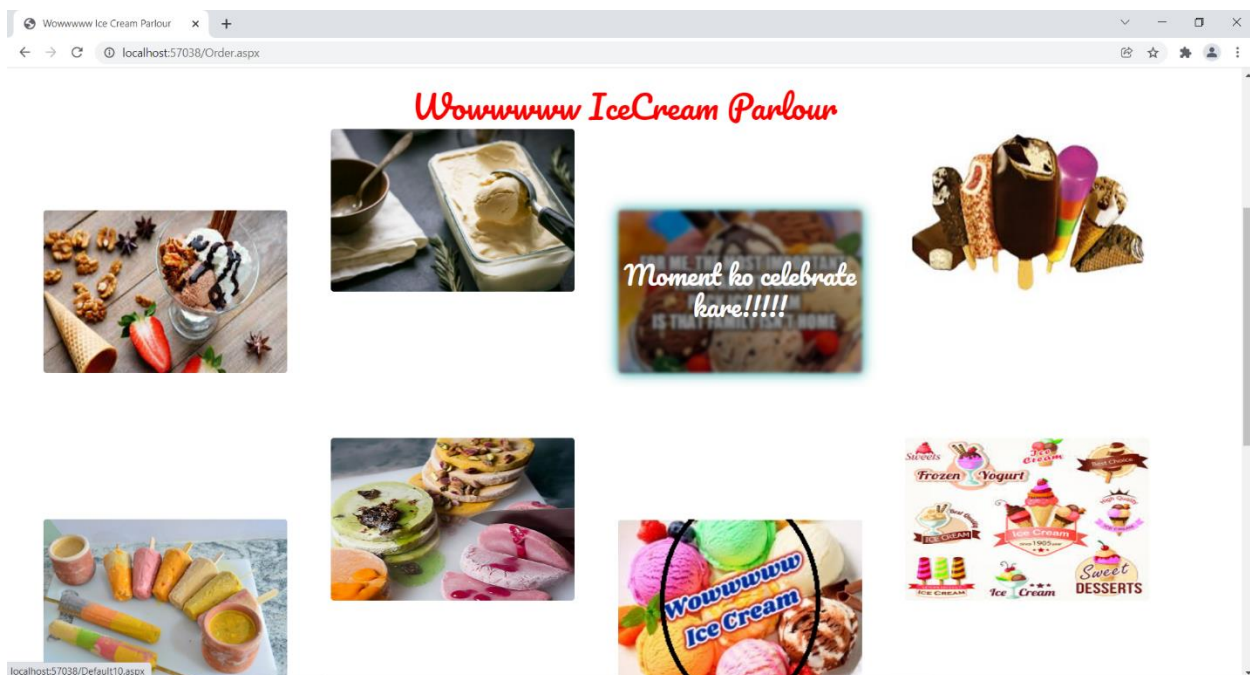
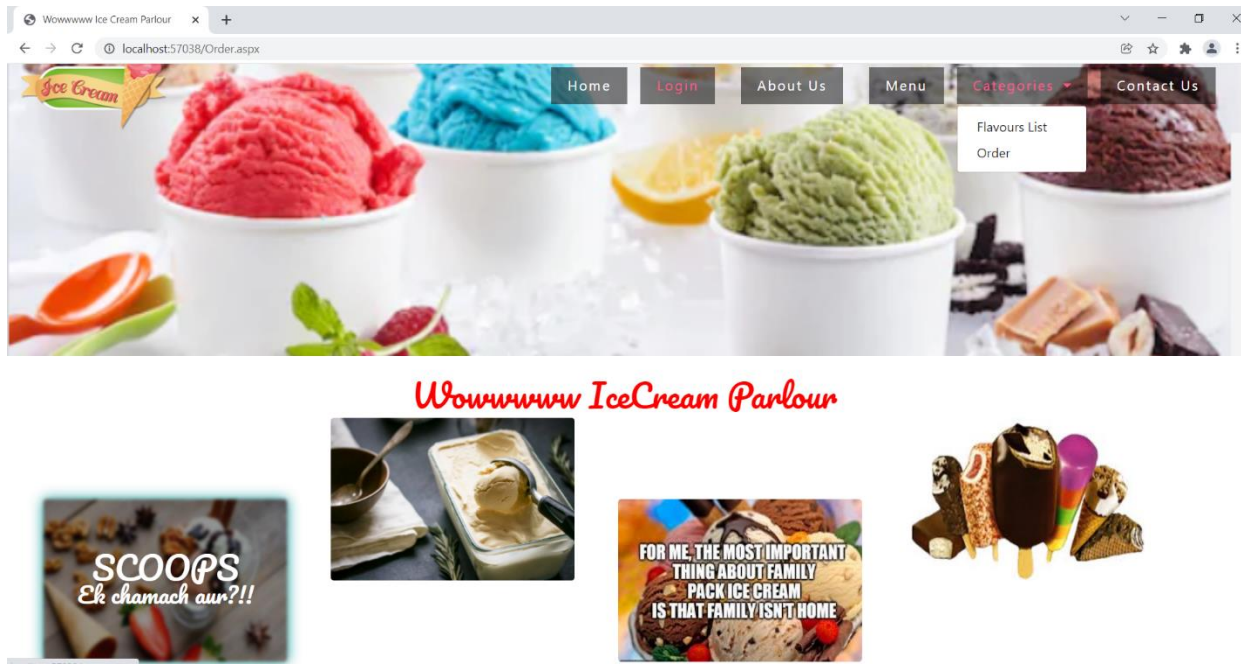


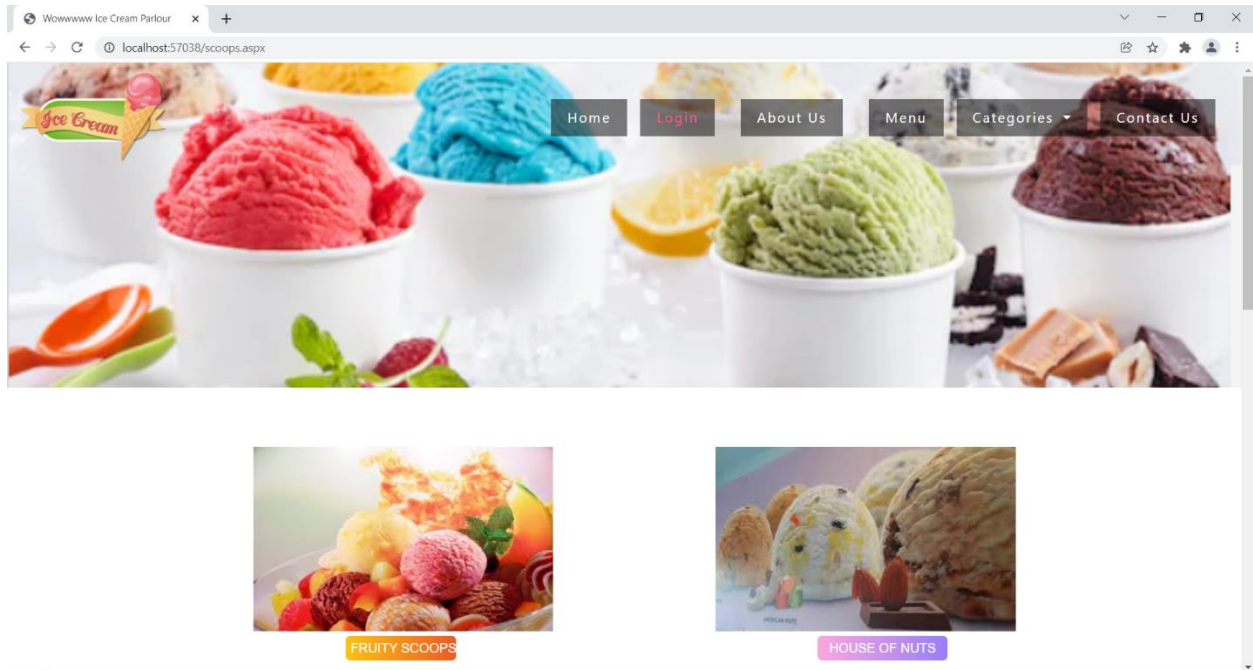
OUR MENU

Wowwww Ice Cream Parlour

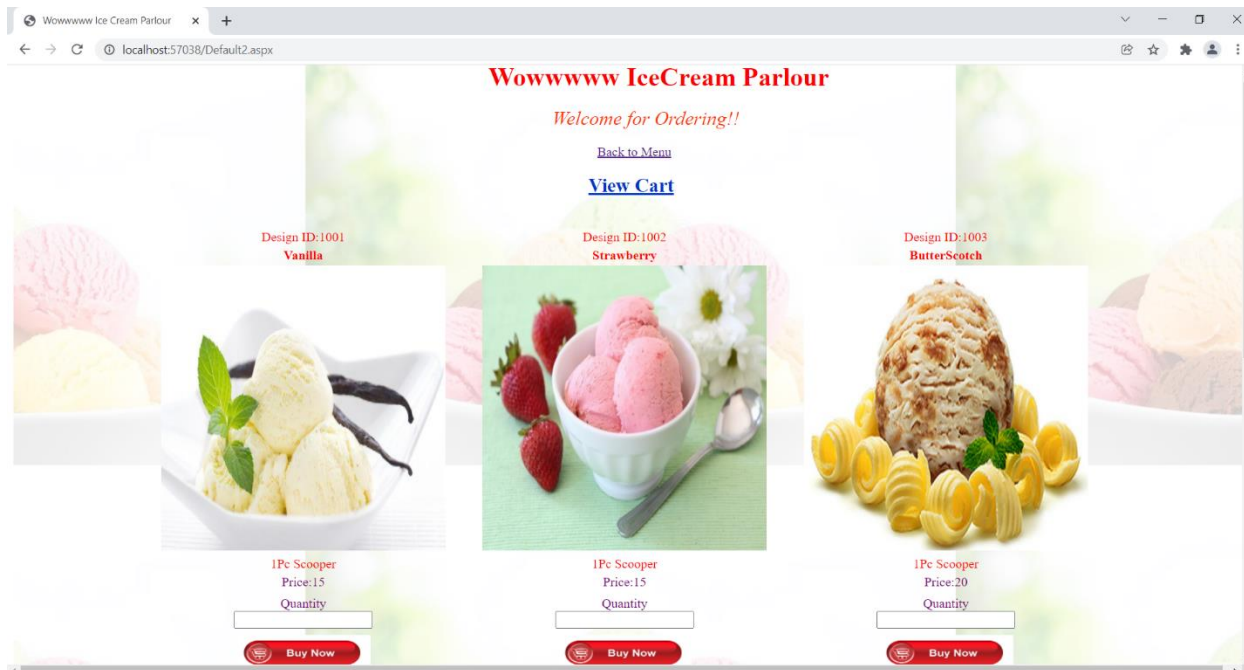


Order Page –





View Cart Page –



Check Out Page –


localhost:57038/AddtoCart.aspx

localhost:57038/AddtoCart.aspx?id=1001&Quantity=1

Wowwww IceCream Parlour

Products Added in Cart

[Continue to Order](#)

S.No.	Design ID	Product Name	Product Image	Product Description	Quantity	Price	Total Price	
1	1001	Vanilla		1Pc Scooper	1	15	15	Remove


[Checkout](#)

Wowwww IceCream Parlour

localhost:57038/PlaceYourOrder.aspx

Order ID: Order183001412022ofqap

Order Date: 14-Jan-22

S.No.	Design ID	Product Name	Product Image	Product Description	Quantity	Price	Total Price
1	1001	Vanilla		1Pc Scooper	1	15	15

Type Your Address and Name :

Mobile Number:

Generate Invoice –

Wowwww IceCream Parlour

You have Placed Order Successfully!!
Thanks for ordering!!

Your Order will reach soon!!

[Generate Invoice PDF](#)

Order ID: Order1830311412022tge9v

[Download Invoice](#)

Real Invoice					
Order No. :Order1830311412022tge9v					
Order Date:14-Jan-22					
Buyer Address and Name: 403- B matoshree apt			Seller Address: Wowwww IceCream Parlour,Thane(W)-400601		
S.No	Product ID	Product Name	Quantity	Price	Total Price
1	1001	Vanilla	1	15	15
Grand Total:15					
Declaration:We declare that this invoice shows actual price of the goods described inclusive of taxes and that all particulars are true and correct.					

Invoice Pdf –

Wowwww IceCream Parlour

OrderInvoice.pdf

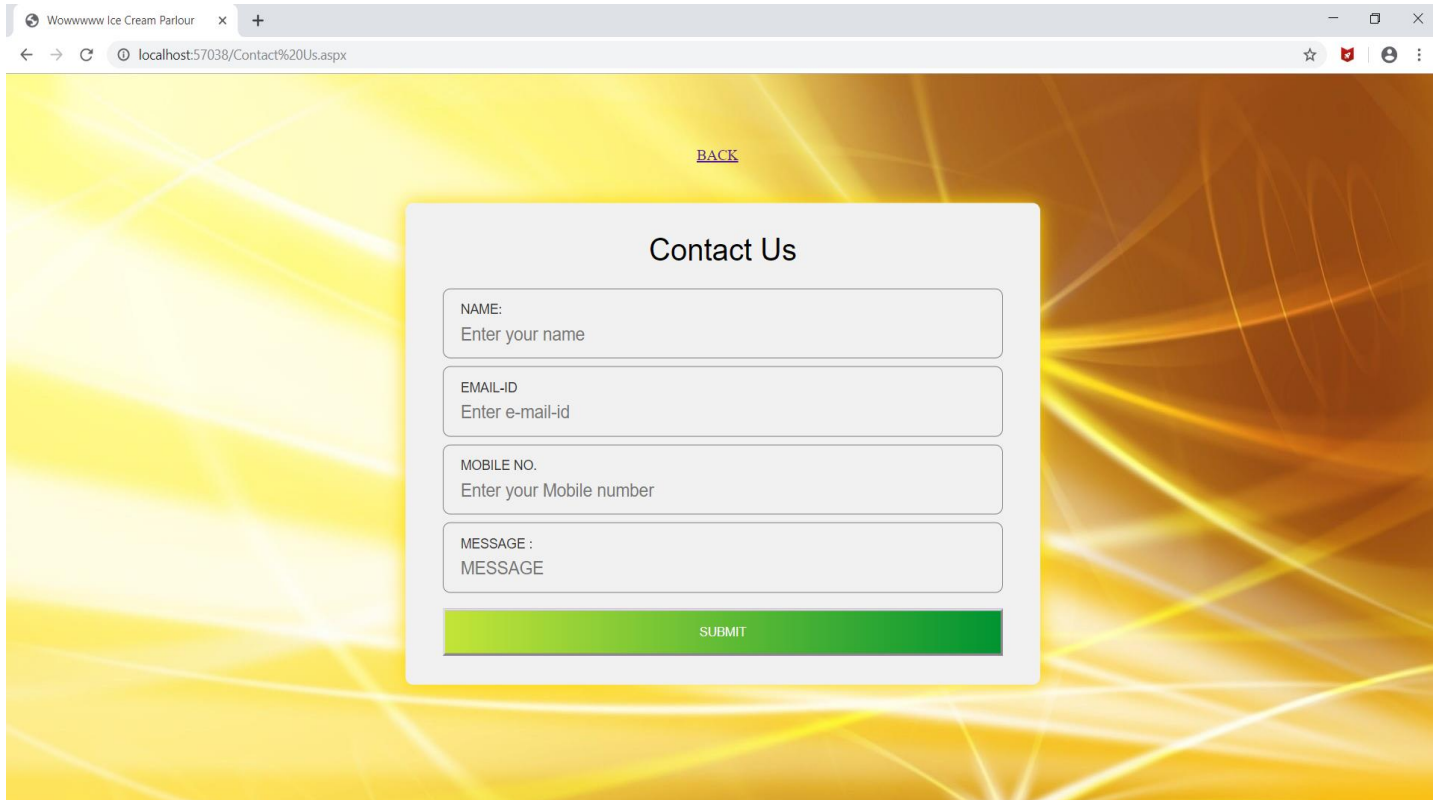
File | C:/Users/DELL/Downloads/OrderInvoice.pdf

OrderInvoice.pdf

1 / 1 | 100% |

Real Invoice					
Order No. :Order1830311412022tge9v					
Order Date:14-Jan-22					
Buyer Address and Name: 403- B matoshree apt			Seller Address: Wowwww IceCream Parlour,Thane(W)-400601		
S.No	Product ID	Product Name	Quantity	Price	Total Price
1	1001	Vanilla	1	15	15
Grand Total:15					
Declaration:We declare that this invoice shows actual price of the goods described inclusive of taxes and that all particulars are true and correct. Incuse you find Selling price on this invoice to be more than MRP mentioned on product.Please inform mail2priyankakadam@gmail.com.					
THIS IS A COMPUTER GENERATED INVOICE AND DOES NOT REQUIRED SIGNATURES Stay tuned!!Order more!!Enjoy !!					

Contact Us Page :-



The screenshot shows a web browser window with the title 'Wowwww Ice Cream Parlour'. The address bar displays 'localhost:57038/Contact%20Us.aspx'. The page features a vibrant background of yellow and orange light streaks. At the top center, there is a blue underlined link labeled 'BACK'. Below this, a white rectangular form titled 'Contact Us' is centered. The form contains four input fields: 'NAME:' with the placeholder 'Enter your name', 'EMAIL-ID' with the placeholder 'Enter e-mail-id', 'MOBILE NO.' with the placeholder 'Enter your Mobile number', and 'MESSAGE :' with the placeholder 'MESSAGE'. At the bottom of the form is a green rectangular button with the text 'SUBMIT' in white capital letters.

[BACK](#)

Contact Us

NAME:
Enter your name

EMAIL-ID
Enter e-mail-id

MOBILE NO.
Enter your Mobile number

MESSAGE :
MESSAGE

SUBMIT

SYSTEM IMPLEMENTATION

Homepage.aspx:-

```
<%@ Master Language="C#" AutoEventWireup="true" CodeFile="MasterPage.master.cs"
Inherits="MasterPage" %>

<!DOCTYPE html>

<html lang="zxx">
<head runat="server">
    <title>Wowwww Ice Cream Parlour</title>

    <meta charset="UTF-8" />
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css" >

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.css" />
    <link rel="stylesheet" type="text/css" href="css/style.css" />
    <link rel="stylesheet" href="style1.css" />

    <asp:ContentPlaceHolder id="head" runat="server">
    </asp:ContentPlaceHolder>
</head>
<body>
    <!-- header -->
    <div class="header">
        <!-- navigation -->
        <nav class="navbar navbar-expand-lg navbar-light bg-light">
            <h1>
                <a class="navbar-brand" href="Default.aspx">
                    
                </a>
            </h1>
            <button class="navbar-toggler" type="button" data-toggle="collapse"
data-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 active">
                        <a class="nav-link" href="Default.aspx">Home
                    </a>
                    </li>
                    <li class="nav-item mx-lg-3">
                        <a class="nav-link" href="Login.aspx">Login</a>
                    </li>
                </ul>
            </div>
        </nav>
    </div>
</body>
</html>
```

```

        <li class="nav-item mx-lg-3">
            <a class="nav-link" href="About Us.aspx">About
Us</a>

        </li>

        <li class="nav-item mx-lg-3">
            <a class="nav-link" href="Menu.aspx">Menu</a>
        </li>

        <li class="nav-item dropdown">
            <a class="nav-link dropdown-toggle"
id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true"
            aria-expanded="false">
                Categories
            </a>
            <div class="dropdown-menu" aria-
labelledby="navbarDropdown">
                <a class="dropdown-item scroll"
href="Categories.aspx">Flavours List</a>
                <a class="dropdown-item scroll"
href="Order.aspx">Order</a>

            </div>
        </li>

        <li class="nav-item mx-lg-3">
            <a class="nav-link" href="Contact
Us.aspx">Contact Us</a>
        </li>
    </ul>
</div>
</nav>
<!-- //navigation -->
</div>
<div id="carouselExampleIndicators" class="carousel slide" data-ride="carousel">
<ol class="carousel-indicators">
    <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
</ol>
<div class="carousel-inner">
    <div class="carousel-item active">
        
        <div class="carousel-caption d-none d-md-block">
            <h5 class="animated bounceInLeft" style="animation-delay:1s; font-family:
'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida Grande', 'Lucida Sans', Arial, sans-
serif;">Wowwww IceCream Parlour</h5>
            <p class="animated bounceInRight" style="animation-delay:2s; font-style:
italic;">Famous for Chocolate Treat!!</p>

        </div>
    </div>
    <div class="carousel-item">

```



```

        
        <div class="carousel-caption d-none d-md-block">
            <h5 class="animated slideInDown" style="animation-delay:1s; color: #800080;
font-family: Georgia, 'Times New Roman', Times, serif;">Wowwww Ice Cream Parlour</h5>
            <p class="animated fadeInUp" style="animation-delay:2s; color: #FF0000; font-
style: italic;">Share a Scoop Of happiness!!</p>
        </div>
    </div>
    <div class="carousel-item">
        
        <div class="carousel-caption d-none d-md-block">
            <h5 class="animated zoomIn" style="animation-delay:1s; color: #FF0000;">Wowwww
Ice Cream Parlour</h5>
            <p class="animated fadeInLeft" style="animation-delay:2s; color: #008000; font-
style: italic;">Real IceCream!Real Ingredients!Real Smiles!!</p>
        </div>
    </div>
</div>
<a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-
slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="sr-only">Previous</span>
</a>
<a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-
slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
</a>
</div>

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>
<script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.7/umd/popper.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>

    <asp:ContentPlaceHolder id="ContentPlaceHolder1" runat="server">

    </asp:ContentPlaceHolder>

</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">
    <title>login form</title>
    <link rel="stylesheet" href="reglog.css" />
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.6.3/css/font-awesome.min.css" type="text/css" /></head>
<body>
    <form id="form1" runat="server">
        <div style="text-align:center">
            <h5 style="font-family: 'Arial Black'; font-size: large; color:
#800080">Wowwww IceCream Parlour</h5>
            <p class=" color: #FF0000; font-style: italic;" style="color: #FF0000; font-
size: large">To Order Online Icecream Please First Register to our account and then login
to our page</p>
            <p style="font-size: large; color: #FF0000">Don't Worry about anything(feel
secured),We will serve you at bestest best quality icecream at reasonable prices </p>
            </div>
            <div class="login-box">
                <h1>Login</h1>

                <div class="textbox">
                    <i class="fa fa-user" aria-hidden="true"></i>
                    <asp:TextBox ID="TextBox1" placeholder="Email-ID"
runat="server"></asp:TextBox></div>

                    <div class="textbox">
                        <i class="fa fa-lock"></i>
                        <asp:TextBox ID="TextBox2" placeholder="Password" runat="server"
TextMode="Password"></asp:TextBox>
                        </div>
                        <asp:Button ID="btnlogin" runat="server" CssClass="btnlogin" Text="Login"
OnClick="btnlogin_Click" />
                        <asp:Label ID="lblmsg" runat="server"></asp:Label>
                        <p class="message">Not Registered? <a href="register.aspx">Go to Register
Page</a></p> </div>
                    </form>
                    <script src='https://code.jquery.com/jquery-3.4.1.min.js'></script>
                    <p>
&nbsp;</p>

</body>
</html>
```

Register.aspx :-

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

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Registration form</title>
    <link rel="stylesheet" href="reglog.css" />
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/font-
awesome/4.6.3/css/font-awesome.min.css" type="text/css" />
</head>
<body>
    <form id="form1" runat="server">
        <div style="text-align:center">
            <h5 style="font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida
Grande', 'Lucida Sans Unicode', Geneva, Verdana, sans-serif; font-size: large; color:
#800080">Wowwww IceCream Parlour</h5>
            <p class=" color: #FF0000; font-style: italic;" style="font-size: large;
color: #FF0000">To Order Online Icecream Please First Register to our account and then
login to our page</p>
            <p style="color: #FF0000; font-size: large">Don't Worry about anything(feel
secured),We will serve you at bestest best quality icecream at reasonable prices </p>
        </div>
        <div class="registration-page">
            <h1>Register</h1>
            <div class="textbox">
                <i class="fa fa-user" aria-hidden="true"></i>
                <asp:TextBox ID="TextBox1" placeholder="fullname"
runat="server"></asp:TextBox></div>
                <div class="textbox">
                    <i class="fa fa-map-marker" aria-hidden="true"></i>
                    <asp:TextBox ID="TextBox2" placeholder="Address"
runat="server"></asp:TextBox></div>
                <div class="textbox">
                    <i class="fa fa-envelope" aria-hidden="true"></i>
                    <asp:TextBox ID="TextBox3" placeholder="E-mail"
runat="server"></asp:TextBox></div>
                <div class="textbox">
                    <i class="fa fa-lock"></i>
                    <asp:TextBox ID="TextBox4" placeholder="type your password"
TextMode="Password" runat="server"></asp:TextBox></div>

                <asp:Button ID="btnregsitration" runat="server"
CssClass="btnregsitration" Text="Register" OnClick="btnregsitration_Click" />

                <asp:Label ID="lblmsg" runat="server"></asp:Label><p class="message">Already
Registered?<a href="login.aspx">Go to Login Page</a></p>    </div>
            </form>
        </body>
    </html>
```

TEST CASE

Test Cases:-Registration

Test Case	Test Case Description	Expected Results	Pass / Fail	Actual Results
01	Click on Registration link	It should be open registration page without missing any themes	Pass	It has opened proper registration page, by clicking the registration link
02	Click on submit button without giving username, password, email-id	It should be ask for enter username, password, email-id	Pass	It has showing error message for “enter username, password, email-id”
03	Enter username, email-id without password	It should be ask for enter password	Pass	It has displayed error message for “enter password”
04	Enter password, email-id without username	It should be ask for enter username	Pass	It has displayed error message for “enter username”
05	Enter username, password without email-id	It should be ask for enter email-id	Pass	It has displayed error message for “enter email-id”
06	Enter unformatted email-id	It should be show message to give proper email format	Pass	It has displayed error message for “enter proper formatted email-id”
07	Enter valid username, password, email-id	It should be redirect to other page	Pass	It has redirected to other page

Name of the Test Case: **Login Page**

Test Case #	Test Case Description	Expected Results	Pass / Fail	Actual Results
01	Click on login link	It should be open login page without missing any themes	Pass	It has opened proper login page, by clicking the login link
02	Click on login button without giving username & password	It should be ask for enter username & password	Pass	It has showing error message for “enter username & password”
03	Enter username without password	It should be ask for enter password	Pass	It has displayed error message for “enter password”
04	Enter password without username	It should be ask for enter username	Pass	It has displayed error message for “enter username”
05	Enter invalid username & password	It should be show message for invalid username & password	Pass	It has displayed error message for “please enter valid username & password”
06	Enter valid username & password	It should be redirect to other page	Pass	It has redirected to other page

FUTURE ENHANCEMENT

As for other future developments, the following can be done:

- Further requirements and improvements can easily be done since the coding is mainly structured or modular in nature
- Multiple Ordering Carts can be allowed.
- A console for the data centre may be made available to allow the personnel to monitor on the sites which were cleared for hosting during a particular period.

Moreover, it is just a beginning: further the system may be utilized in various operation. As it has covered all the requirement.

BiBliography

- **Books Referred :-**

Beginning C# Object Oriented programing

- **Websites Referred :-**

www.google.com

www.youtube.com

<https://w3layouts.com>

