

ONLINE FOOD ORDERING SYSTEM

A MINI PROJECT REPORT

Submitted by

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SCHOOL OF COMPUTING

COLLEGE OF ENGINEERING AND TECHNOLOGY

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

KATTANKULATHUR - 603203

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BONAFIDE CERTIFICATE

Certified that this project report “**ONLINE FOOD ORDERING SYSTEM**” is the work of “**S. MOHAN KRISHNA PRASAD (RA2011027010195), K. JAYAPRAVEEN REDDY(RA2011027010198), P. LAKSHMAN SAI (RA2011027010202)**” of III Year/VI Sem B.tech (CSE) who carried out the mini project work under my supervision for the course 18CSC303J- Database Management systems in SRM Institute of Science and Technology during the academic year 2022-2023(Even sem).

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ABSTRACT

As industries are fast expanding, people are seeking for more ways to purchase products with much ease and still maintain cost effectiveness. The vendors need to purchase the products in order to sell to end users. The manual method of going to their local food sales outlets to purchase food is becoming obsolete and more tasking. Food can be ordered through the internet and payment made without going to the restaurant or the food vendor. So there is need for a wide range of publicity and enabling direct order, processing and delivering of food through online system. Our project 'Foodie' is aimed at developing a complete online ordering system for use in the food service industry which will allow the restaurants to quickly and easily manage an online menu which customer can browse and use to place orders with just a few clicks. The customers will have to choose whether they want the food to be delivered to them or it will be packaged for pick up and the payment method will be upon delivery or pick up. There will be a system administrator who will have the right to add and manage user accounts, a manager who will be managing product and orders and last but not least a meal deliverer who will be dealing specifically with pending deliveries. The customer will be in a position to view the products, register and place an order. There will be a confirmation receipt for each and every order made by the customer which can be printed.

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ABBREVIATIONS

HTML Hypertext Markup Language

CSS Cascading style sheets

DB data base

MySQL My Structured Query Language

SQL Structured Query Language

PHP Hypertext Pre processor

CHAPTER1

INTRODUCTION

1 INTRODUCTION

1.1 Existing Web Applications :- Zomato, Swiggy

1.2 Drawbacks of existing application.

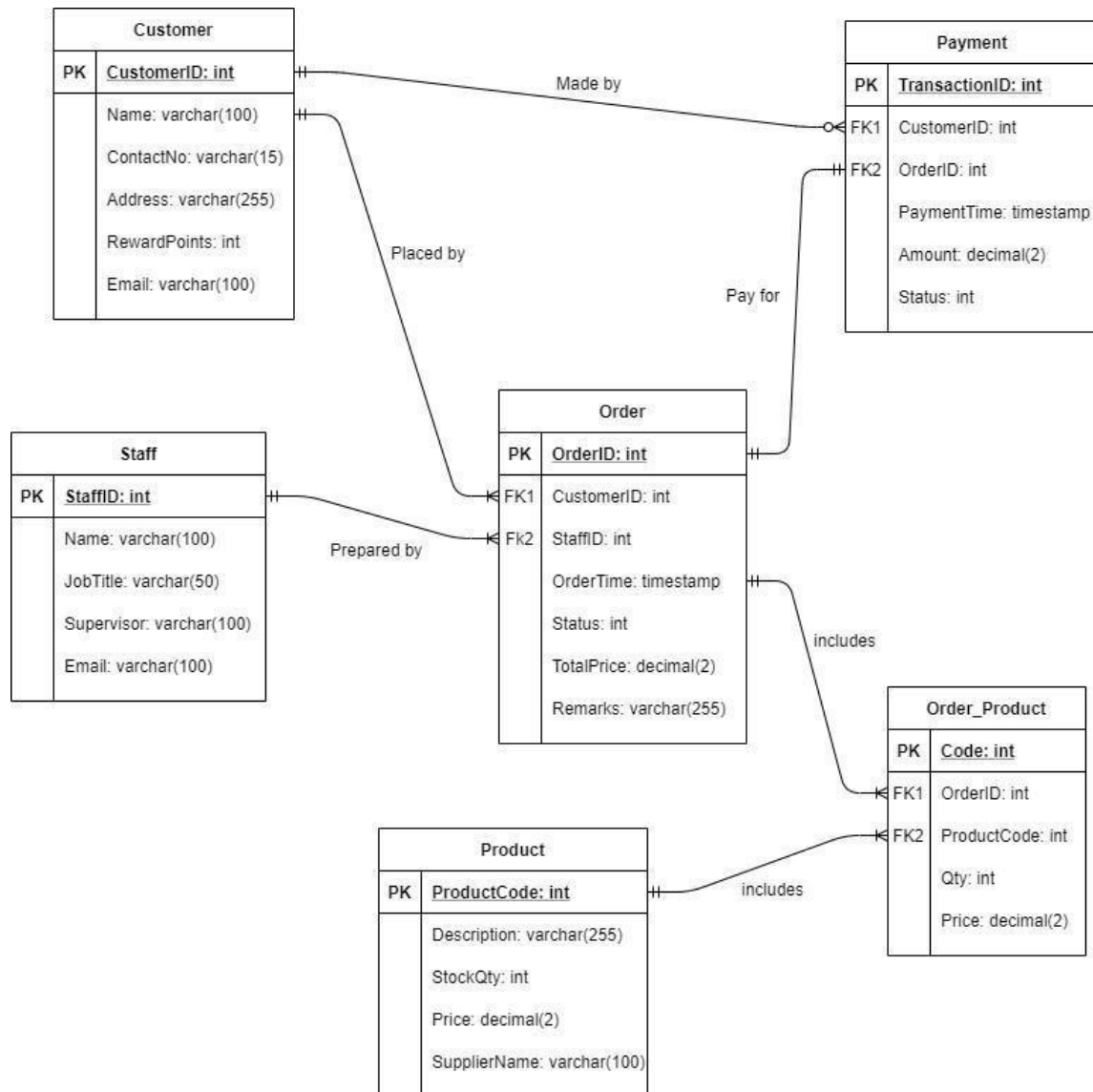
Expenses :- There are expenses associated with placing online food orders on Zomato over dining at a restaurant. Several costs such as their commission, taxes, packaging fee, and delivery charges are included. Consequently, customers might end up paying more while placing an order on Zomato. Restaurants can also inflate the price for online customers — they'd never know, having never seen the regular menu. Numerous other factors such as the weather conditions and delivery at peak hours are further making Zomato an expensive platform. The extra charges for occasional orders are bearable but can make a dent in your wallet for frequent purchases.

Cutthroat competition :-We have mentioned earlier that Zomato helps food businesses prosper. On the other end of the spectrum, it has created fierce competition among restaurants. Opening an online food business using Zomato has become feasible. This resulted in a dramatic increase in the listing of restaurants on the online platform. People are leaving their corporate jobs to fulfill their dreams of starting an online food-related business. Besides pricing appropriately, restaurants have to ensure they know their customers well. This way, they can keep them hooked on quality food and services

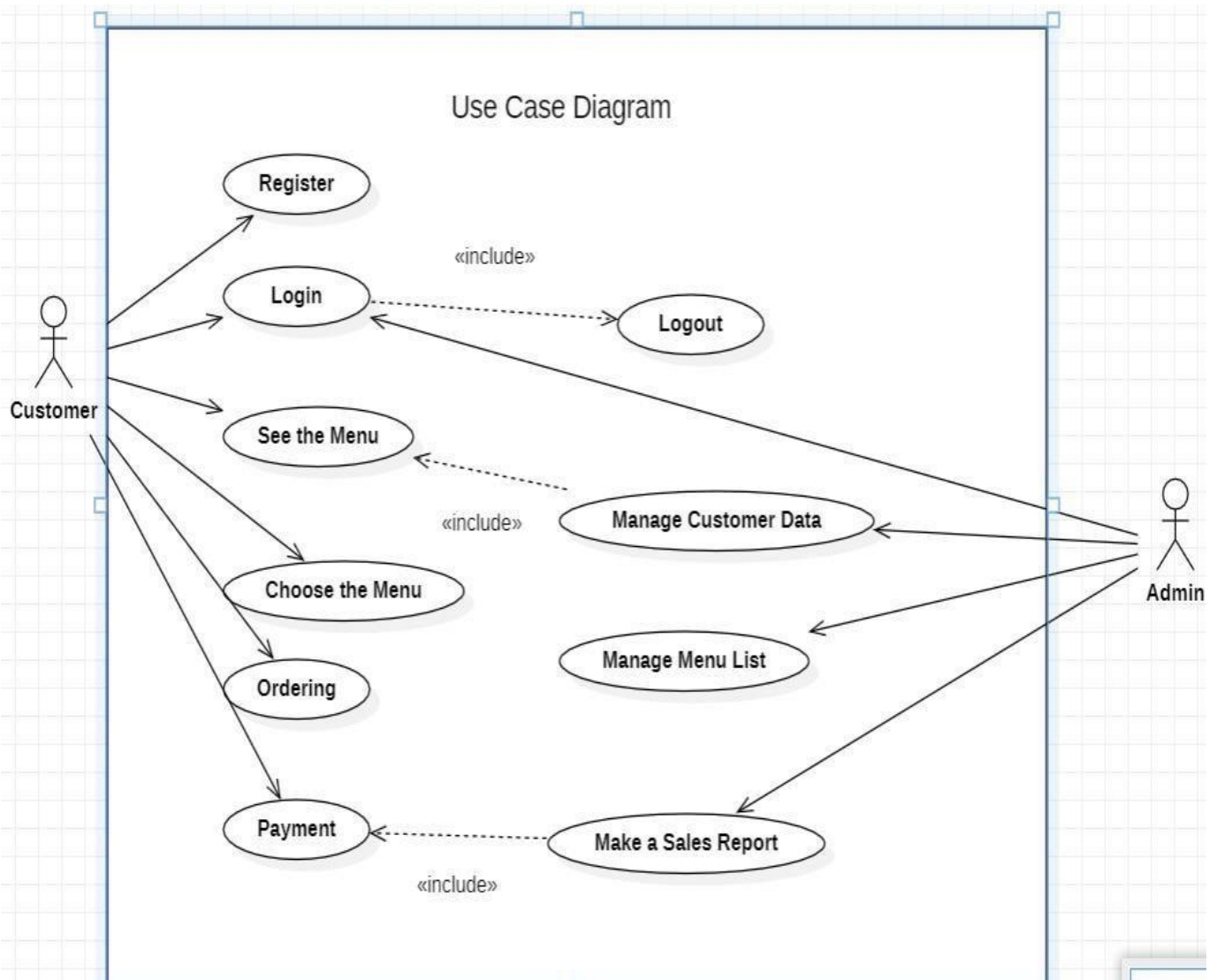
CHAPTER 2

SYSTEM ARCHITECTURE

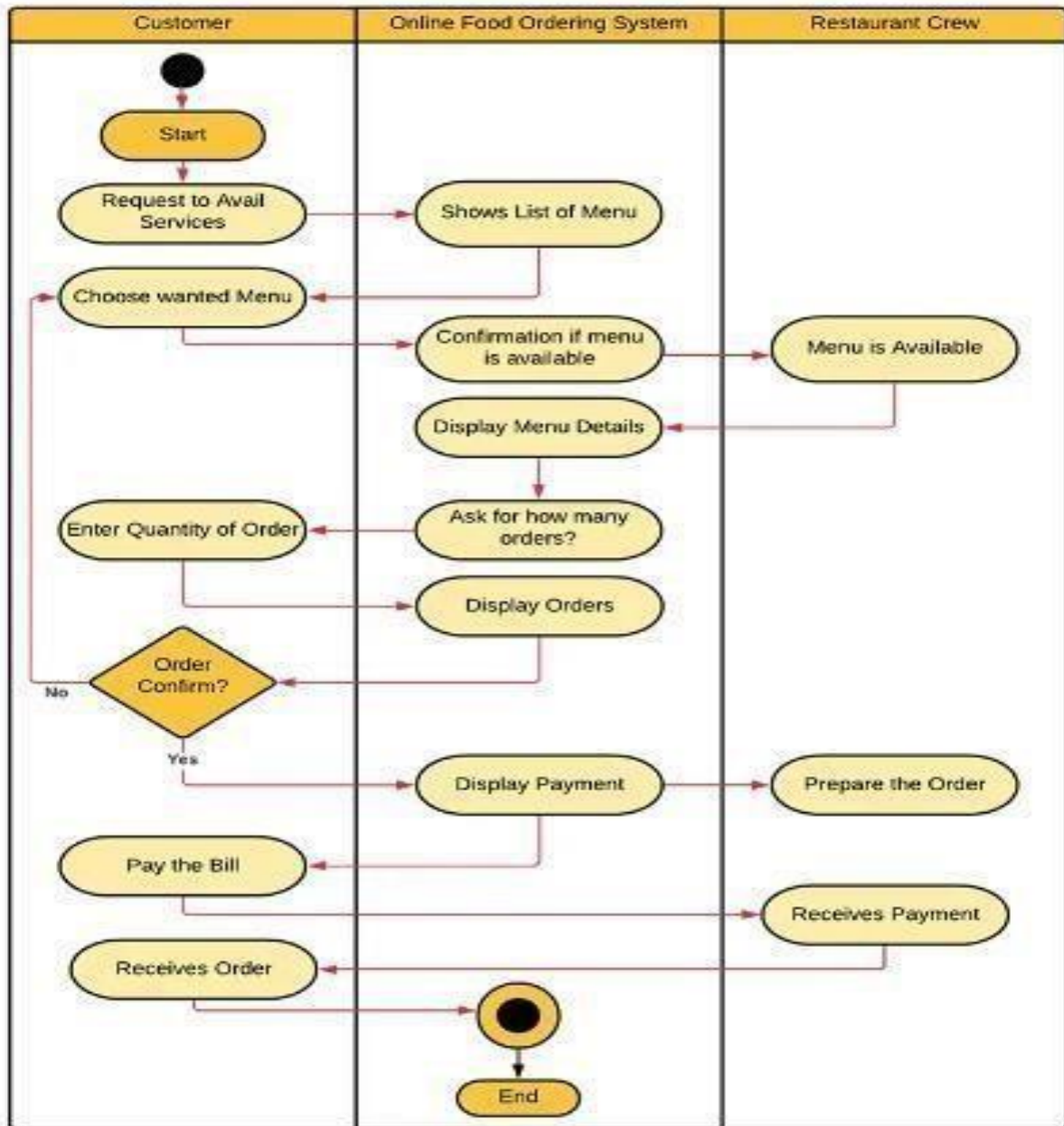
2.1 System Architecture



2.2 Use Case Diagram



2.3 Activity Diagram



CHAPTER 3

WEB SITE FRONT END IMPLEMENTATION

3.1 Tools Used

A). HTML

B). CSS

C). Java script

3.2 Web Page Design

A). LOGIN PAGE

5.1.1 HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Login Page</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>

    <div class="main">
        <div class = "navbar">
            <div class="icon">
                <h2 class="logo">ONLINE FOOD ORDERING
SYSTEM</h2>
            </div>
```

```

<div class="menu">
  <ul>
    <li><a href="#">HOME</a></li>
    <li><a href="#">ABOUT</a></li>
    <li><a href="#">SERVICE</a></li>
    <li><a href="#">DESIGN</a></li>
    <li><a href="#">CONTACT</a></li>
  </ul>
</div>
<div class="login-box">

  <h1>Login Here</h1>
  <form>
    <p>email</p>
    <input type="text" name="E-Mail" placeholder="Enter email">
    <p>password</p>
    <input type="password" name="password" placeholder="Enter Password">
    <input type="submit" name="submit" value="Login">

  </form>
</div>
<script>
  function func(){
    var
    email = document.getElementById("email").value;
    var
    email = document.getElementById("password").value;
    if
    (email=="admin@gmail.com" && password=="123"){
      alert("Successful Login!")
      window.location.assign(admin.html)
    }
    else if (email=="stud@gmail.com" && password=="456") {
      alert("Successful Login!")
      window.location.assign("stud.html")
    }
    else{
      alert("Unauthorised Login")
    }
  }
}

```

B). Registration Page :-

```
*{  margin:
0;  padding:
0;

}
```

```
.main{  width: 100%;  background: linear-gradient(to top, rgba(0,0,0,0.5),
rgba(0,0,0,0.5)), url(pic.jpg);  background-position: center;  background-size:
cover;  height: 109vh;
}
```

```
.navbar{  width:
1200px;  height:
75px;  margin:
auto;
}
```

```
.icon{  width:
200px;  float: left;
height:
70px;
}
```

```
.logo{  color:
rgba(0,0,0,0.5)0;
fontsize: 35px;
fontfamily: Arial;
paddingleft: 20px;
```

```
float: left; padding-top:
10px;
}
```

```
.menu{
width: 400px;
float: center;
height: 70px;
}
```

```
ul{ float: center;
display: flex;
justifycontent: center;
alignitems: center;
}
```

```
ul li{
liststyle:none;
margin-left:
62px; margin-
top: 27px;
font-size: 14px;
}
```

```
ul li a{ text-decoration:
none; color: #ffff;
fontfamily: Arial; font-
weight: bold; transition: 0.4s
easein-out;

}
```

```
ul li a:hover{ color: rgb(0,0,0,0.5);
}
```

```
body {
margin: 0; padding: 0;
```

```
        background-image:url('pic.jpg');        font-family: sans-serif;
    }
```

```
.login-box {
    width: 320px;
    height: 420px;
    background: rgba(0,0,0,0.5)00;
    color: #fff;
    top: 50%;
    left: 50%;
    position: absolute;
    transform: translate(-50%, -50%);
    box-sizing: border-box;
    padding: 70px 30px;
}
```

```
.avatar {
    width: 100px;
    height: 100px;
    border-radius: 50%;
    position: absolute;
    top: -50px;
    left: calc(50% - 50px);
}
```

```
h1 {
    margin: 0;
    padding: 0 0 20px;
    text-align: center;
    font-size: 22px;
}
```

```
.login-box p {
```

```

        margin: 0;    padding: 0;
                        font-weight: bold;
    }

    .login-box input {
                        width: 100%;
                        margin-bottom: 20px;
    }

    .login-box input[type="text"], input[type="password"] {
                        border: none;
                        border-bottom: 1px solid #fff;    background:
transparent;    outline: none;    height: 40px;
                        color: #fff; font-size: 16px;
    }

    .login-box input[type="submit"] {
        border: none;    outline: none;
        height: 40px;
        color: #fff; font-size:
18px;
        border-radius: 20px;
    }

    .login-box input[type="submit"] {    cursor:
pointer;    background: #0c0c0c;
        color: #fff;
    }

```


C). Index Page :-

```
<!DOCTYPE html>
<html>
<head>
    <title>Admin Page</title>
    <link rel="stylesheet" type="text/css" href="astyle.css">
</head>
<body>

    <div class="admin-page">

        <h1>ONLINE FOOD ORDERING SYSTEM
ADMIN PORTAL</h1>

        <ul>

            <li><a href="#">ALLOCATE NEW ORDER</a></li>
            <li><a href="#">ADD NEW COUSTOMER </a></li>
            <li><a href="#">VIEW HOTELS</a></li>        <li><a
href="#">VIEW PRICE</a></li>
            <li><a href="#">VIEW MENUE</a></li>        <li><a
href="#">COMPLAINTS</a></li>
            <li><a href="#">CHANGE ORDER</a></li>
        </ul>
    </div>

</body>
</html>
```

D). Check Out Page:-

```
body {  
    margin: 0; padding: 0;  
    background: linear-gradient(to top, rgba(0,0,0,0.5), rgba(0,0,0,0.5)25%),url(pic.jpg);  
    background-position: center;  
    background-size: cover; height:  
109vh;  
    font-family: Arial, sans-serif;  
}  
  
.menu{ width:  
400px; float:  
bottom;  
height: 400px;  
}  
  
ul{ float: center;  
display: flex;  
justifycontent: center;  
alignitems: center;  
}  
    ul li{  
liststyle:none;  
margin-left:  
45px;  
  
margin-top: 27px; fontsize:  
14px;  
}
```

```
ul li a{  text-decoration:
none;  color: #ffff;
font-family: Arial;
font-weight: bold;
transition: 0.4s ease-
inout;
```

```
}
```

```
ul li a:hover{  color: rgb(0,0,0,0.5);
}
```

```
header {
background-color: rgb(0, 0, 0,0.5);
padding: 20px;
}
```

```
h1 {
color: #9999999;
margin: 0;
font-size: 36px;
}
```

```
table {
margin: 50px auto;
width: 80%;
border-collapse: collapse;
background-color: rgb(102, 102, 102);
}
```

```
th, td {
```

```

        padding: 10px;
    }
    border: 1px solid rgb(0, 0, 0);

th {

        background-color: rgb(65, 65, 65);
        color: white;
    }

tbody tr:nth-child(even) {
        background-color: #363636;
    }

tbody tr:hover {
        background-color: #313131;
    }

```

3.3 Screen Shots :-

3.3.1 Sign up Page –

User-Name

First Name

Last Name

Email Address

Phone number

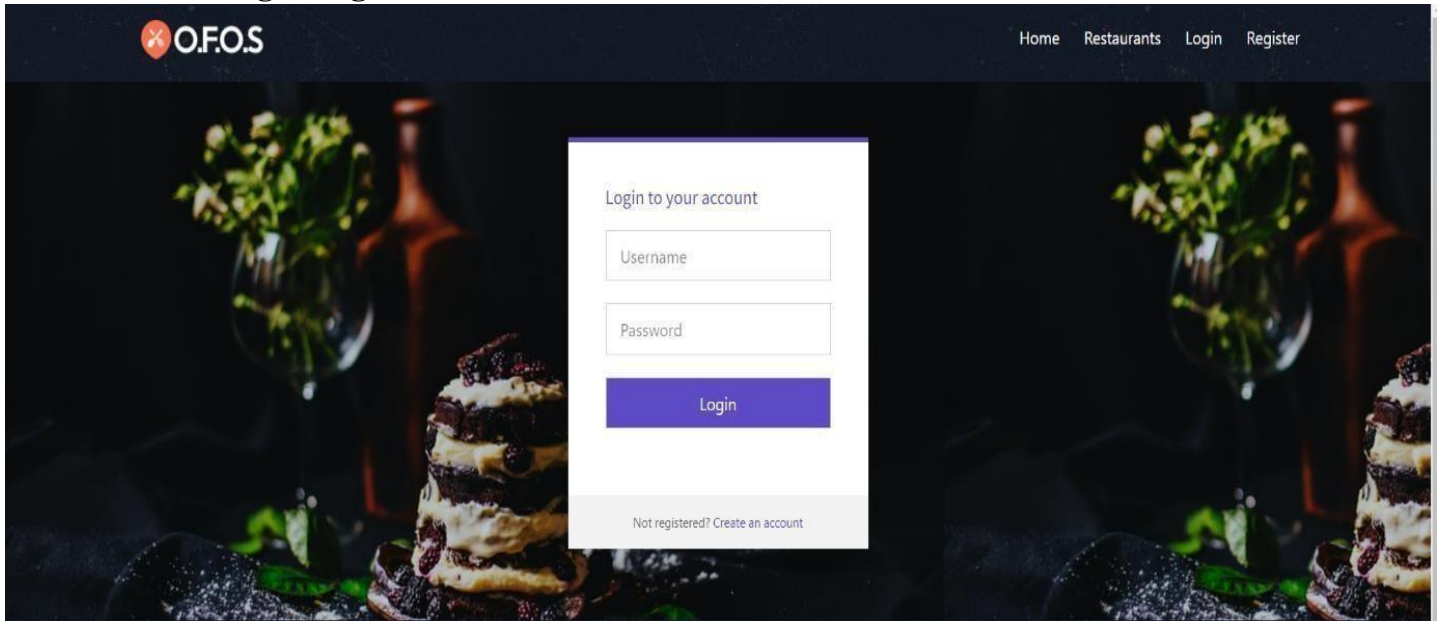
Password

Confirm password

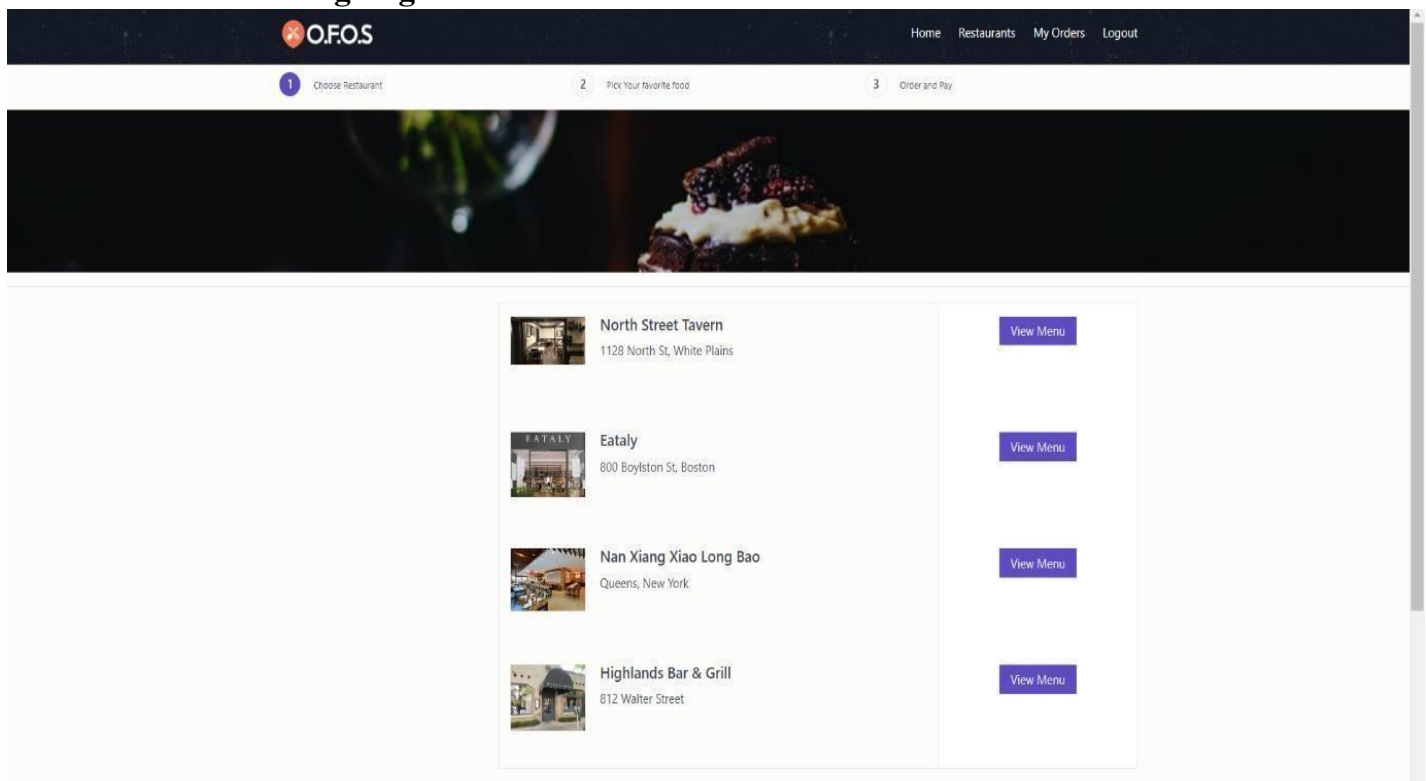
Delivery Address

Register

3.3.2 Login Page –




3.3.3 Searching Page :-



3.3.4 Order Page :-


Popular Dishes of the Month

Easiest way to order your favourite food among these top 6 dishes




Yorkshire Lamb Patties
Lamb patties which melt in your mouth, and are quick and easy to make. Served hot with a crisp salad.

\$14.00 [Order Now](#)




Lobster Thermidor
Lobster Thermidor is a French dish of lobster meat cooked in a rich wine sauce, stuffed back into a lobster shell, and browned.

\$36.00 [Order Now](#)




Chicken Madeira
Chicken Madeira, like Chicken Marsala, is made with chicken, mushrooms, and a special fortified wine. But, the wines are different.

\$23.00 [Order Now](#)




Stuffed Jacket Potatoes
Deep fry whole potatoes in oil for 8-10 minutes or coat each potato with little oil. Mix the onions, garlic, tomatoes and mushrooms. Add yoghurt, ginger, garlic, chillies, coriander

\$8.00 [Order Now](#)



Pink Spaghetti Gamberoni
Spaghetti with prawns in a fresh tomato sauce. This dish originates from Southern Italy and with the combination of prawns, garlic, chilli and pasta. Garnish each with remaining tablespoon parsley.

\$21.00 [Order Now](#)



Cheesy Mashed Potato
Deliciously Cheesy Mashed Potato, The ultimate mash for your Thanksgiving table or the perfect accompaniment to vegan sausage casserole. Everyone will love it's fluffy, cheesy.

\$5.00 [Order Now](#)


3.3.5 Checkout Page :-

Your Cart

Yorkshire Lamb Patties

\$14.00


1



Lobster Thermidor

\$36.00

1




TOTAL

\$50

Free Delivery!

[Checkout](#)

3.3.6 Payment Page :-



HomeRestaurantsMy OrdersLogout

1Choose Restaurant





2Pick Your favorite food

3Order and Pay

Cart Summary

Cart Subtotal	\$50
Delivery Charges	Free
Total	\$50

☒ Cash on Delivery

☐ Paypal

Order Now

Payment Options

Address

Addition informations

CHAPTER 4

\WEBSITE BACKEND IMPLEMENTATION

4.1 TOOLS USED : -

A). XAMPP

4.2 CODE FOR BACKEND :-

```
<!DOCTYPE html>

<html>

<head>

<title>Student's Page</title>

<link rel="stylesheet" type="text/css" href="sstyle.css">

</head>

<body>

<header>

<h1>ONLINE FOOD ORDERINGSYSTEM CUSTOMER
PORTAL</h1>

</header>

<div class="menu">

<ul>

<li><a href="#">DELIVERY SERVICE</a></li>
```

```

<li><a href="#">MENUE</a></li>
    <li><a href="#">RATING</a></li>

<li><a href="#">PAYMENTS</a></li>

<li><a href="#">ORDER CHANGE</a></li>

<li><a href="#">CONTACT</a></li>

</ul>

</div>

<main>

<table>

<thead>

<tr>

<th>Student    ID</th>

<th>Student Name</th> <th>Room
Number</th>

<th>Hostel Name</th>

</tr>

</thead>

<tbody>

<tr>

<td>1001</td>

<td>John Doe</td>

<td>101</td>

<td>Hostel A</td>

</tr>

</table>

```

```
</main>
```

```
</body>
```

```
</html>
```

```
body { margin: 0; padding: 0; background: linear-gradient(to top, rgba(0,0,0,0.5),  
rgba(0,0,0,0.5)25%),url(pic.jpg); background-position: center; background-size:  
cover;  
  
height: 109vh;  
  
font-family: Arial, sans-serif;  
  
}
```

```
.menu{ width:  
400px; float:  
bottom;  
height: 400px;  
}
```

```
ul{ float: center;  
display: flex;  
justifycontent: center;  
alignitems: center;  
  
}
```

```
ul li{  
  
liststyle:none;  
margin-left:
```

```
45px; margin-  
top: 27px;  
font-size: 14px;  
}
```

```
ul li a { text-decoration:  
none; color: #fff;  
font-family: Arial; font-  
weight: bold; transition: 0.4s  
ease-in-out;  
  
}
```

```
ul li a: hover { color: rgb(0,0,0,0.5);  
}
```

```
header { background-color: rgb(0, 0, 0,0.5);  
padding:  
20px;  
}
```

```
h1 { color:  
#999999;
```

```
margin: 0;
```

```
font-size: 36px;
```

```
}
```

```
table { margin: 50px auto; width:
```

```
80%; border-collapse: collapse;
```

```
background-color: rgb(102, 102, 102);
```

```
}
```

```
th, td { padding: 10px;
```

```
border: 1px solid rgb(0, 0, 0);
```

```
}
```

```
th { background-color: rgb(65, 65,
```

```
65); color: white;
```

```
}
```

```
tbody tr:nth-child(even) { background-color: #363636;
```

```
}
```

```
tbody tr:hover { background-color: #313131;
```

```
}
```

CHAPTER 5

CONCLUSION AND FUTURE ENHANCEMENT

5.1 CONCLUSION

Our “O.F.O.S” is more affordable and suitable to the masses than the current various applications which are being used. Our application is user friendly and convenient to use. Also we tried to overcome most of the existing problems in the current system. The integration effort Comprises not only the design and realization of interfaces, but also test of those interfaces. The more complex the subsystem are, the more- effort is required for the interface

5.2 FUTURE ENHANCEMENT

There are several potential enhancements that could be made to an online food ordering system, including:

1. Personalization: Adding personalized recommendations based on a customer's previous orders or preferences could enhance the user experience and increase customer loyalty.
2. Integration with social media: Integrating the system with social media platforms could enable customers to share their orders, give reviews, and refer their friends, thereby increasing the restaurant's online presence and customer base.
3. Real-time order tracking: Providing customers with real-time updates on the status of their orders could improve transparency and reduce the number of customer queries related to order status.
4. Multiple payment options: Offering multiple payment options, including digital wallets, credit/debit cards, and net banking, could increase convenience for customers and improve the overall ordering experience.

5. Loyalty programs: Implementing a loyalty program could incentivize customers to order more frequently and provide repeat business.
6. Mobile app development: Developing a dedicated mobile app for the online food ordering system could enhance the user experience and make it more convenient for customers to place orders.
7. Voice ordering: Implementing a voice ordering system using voice assistants like Siri or Alexa could make the ordering process hands-free and more convenient for customers.
8. Analytics and insights: Collecting data on customer behavior and preferences could help restaurants improve their offerings and better tailor their services to customer needs.

These are just a few potential enhancements that could be made to an online food ordering system to improve the user experience, increase customer engagement, and drive business growth.

REFERENCES

1. Jim Smith Agile Project Management: Creating Innovative Products, Pearson
2. Walker Royce, Software Project Management, Pearson Education, 1999
3. <https://www.pmi.org/>
4. <https://www.projectmanagement.com/>
5. <https://www.tpsgc-pwgsc.gc.ca/biens-property/sngp-npms/ti-it/ervcpgpmdsfvpmpt-eng.html>