

RESTAURANT MANAGEMENT **WEBSITE**

A PROJECT REPORT

In partial fulfilment of the requirements for the award of the degree

BACHELOR OF TECHNOLOGY

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

Under the guidance of

RAHIT BISWAS



JIS COLLEGE OF ENGINEERING

In association with



(ISO9001:2015)

SDF Building, Module #132, Ground Floor, Salt Lake City, GP Block, Sector V, Kolkata, West Bengal 700091

(Note: All entries of the proforma of approval should be filled up with appropriate and complete information. Incomplete proforma of approval in any respect will be summarily rejected.)

1. Title of the Project: **RESTAURANT MANAGEMENT
WEBSITE**
2. Project Members: **ABHILASHA
KUMAR SAHIL
LAVLESH KUMAR**
3. Name of the guide: **MR. RAHIT BISWAS**

4.

Address: Ardent Computech Pvt. Ltd
(An ISO 9001:2015 Certified)
SDF Building, Module #132, Ground Floor, Salt
Lake City, GP Block, Sector V, Kolkata, West Bengal,
700091

Project Version Control History

Version	Primary Author	Description of Version	Date Completed
Final	Abhilasha Kumar Sahil Lavlesh Kumar	Project Report	2 March 2024

Signature of Approver

MR. RAHIT BISWAS

Project Proposal Evaluator

DECLARATION

We hereby declare that the project work being presented in the project proposal entitled “**RESTAURANT MANAGEMENT SYSTEM**” in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** at **ARDENT COMPUTECH PVT. LTD, SALT LAKE, KOLKATA, WEST BENGAL**, is an authentic work carried out under the guidance of **MR. RAHIT BISWAS**. The matter embodied in this project work has not been submitted elsewhere for the award of any degree of our knowledge and belief.

Date: 02/03/2024

Name of the Student:

Abhilasha

Kumar Sahil

Lavlesh Kumar



Ardent Computech Pvt. Ltd (An ISO 9001:2015 Certified)

SDF Building, Module #132, Ground Floor, Salt Lake City, GP Block, Sector V, Kolkata, West Bengal 700091.

CERTIFICATE

This is to certify that this proposal of minor project entitled “**RESTAURANT MANAGEMENT SYSTEM**” is a record of bonafide work, carried out by **Abhilasha Kumar Sahil Lavlesh Kumar. I**, under my guidance at **ARDENT COMPUTECH PVT LTD**. In my opinion, the report in its present form is in partial fulfilment of the requirements for the award of the degree of **BACHELOR OF TECHNOLOGY** and as per regulations of the **ARDENT®**. To the best of my knowledge, the results embodied in this report, are original in nature and worthy of incorporation in the present version of the report.

Guide / Supervisor

MR. RAHIT BISWAS

Project Engineer

Ardent Computech Pvt. Ltd (An ISO 9001:2015 Certified)

SDF Building, Module #132, Ground Floor, Salt Lake City, GP Block, Sector V, Kolkata, West Bengal 700091.

ACKNOWLEDGEMENT

Success of any project depends largely on the encouragement and guidelines of many others. I take this sincere opportunity to express my gratitude to the people who have been instrumental in the successful completion of this project work.

I would like to show our greatest appreciation to **MR. RAHIT BISWAS**, Project Engineer at Ardent, Kolkata. I always feel motivated and encouraged every time by his valuable advice and constant inspiration; without his encouragement and guidance this project would not have materialized.

Words are inadequate in offering our thanks to the other trainees, project assistants and other members at Ardent Computech Pvt. Ltd. for their encouragement and cooperation in carrying out this project work. The guidance and support received from all the members and who are contributing to this project, was vital for the success of this project.

CONTENTS

- Student Details
- Abstract
- Proposed Method
- Web Hosting
- Results
- Methodology
 - HTML
 - PHP ○ SQL
- Future Scope • Conclusion
- References

STUDENT DETAILS

KUMAR SAHIL

ECE 3rd Year (123211002033)

ABHILASHA

ECE 3rd Year (123211002001)

LAVLESH KUAMR

ECE 3rd Year (123211002034)

ABSTRACT

This project involves the development of a dynamic food website aimed at promoting and expanding a culinary business. The website serves as a digital platform for showcasing the business's offerings, including menu items, special promotions, and catering services. Through a user-friendly interface, customers can browse the menu, place orders online, and make reservations for dining-in or private events. Leveraging responsive design principles, the website ensures seamless accessibility across various devices, enhancing user experience and engagement. Additionally, the integration of interactive features such as customer reviews, social media sharing, and newsletter subscriptions facilitates customer interaction and loyalty. By leveraging digital marketing strategies such as search engine optimization (SEO) and targeted advertising, the website aims to attract and retain customers while driving business growth and revenue. The project emphasizes the importance of leveraging digital technologies to enhance the visibility, accessibility, and profitability of culinary ventures in the competitive food industry landscape.

PROPOSED METHOD

- **HTML**

The role of HTML in web development is to provide the backbone and structure of a web page. It defines the layout and organization of content on a web page by using a ranked structure of elements.

HTML tags allow developers to specify the type of content being displayed and how it should be presented.

- **CSS**

Cascading Style Sheets (CSS) is a computer language used to structure and lay out web pages. It's used to add visual effects and layout to HTML elements. CSS is a cornerstone technology of the World Wide Web, along with HTML and JavaScript. These three tools are often called the building blocks of the web. It's a style sheet language used to specify how documents are presented to users. CSS can be used to change the appearance and layout of a webpage, and to define how a website's view changes in different screens.

- **PHP**

PHP stands for "pre HTML" programming language, as it was designed to extend HTML and not replace it. It's one of the most popular server- side scripting languages used by CMS developers, forums, eCommerce websites, blog sites and nearly every other website using a dynamic backend system. But what is PHP used for? When a user has an interaction with a web page with PHP, the computer hosting the page will read the code segment and execute it, and then send back a response to the user. The user never sees the code but interacts with the results of the code. You can use PHP to create customized content, create logins and sign-ups, collect data and make calculations. We can also use PHP to create simple or complex animations and graphics. PHP can be used to create any kind of dynamic website, including ecommerce sites.

- **SQL**

SQL, or Structured Query Language, is a powerful and standardized programming language designed for managing and manipulating relational databases. It serves as a communication bridge between users and databases, allowing users to interact with and retrieve information from databases efficiently.

Key aspects of SQL include:

Database Management:

SQL is primarily used for managing relational database systems. It enables the creation, modification, and deletion of databases and their components, such as tables, indexes, and views.

Data Querying:

SQL provides a set of commands for querying databases to extract specific information. The SELECT statement is fundamental, allowing users to retrieve data based on specified criteria.

Data Manipulation:

SQL supports commands for inserting, updating, and deleting data in the database. The INSERT, UPDATE, and DELETE statements are used for these operations.

Data Definition:

SQL allows the definition and modification of the structure of a database using commands like CREATE, ALTER, and DROP. These statements are crucial for designing the schema, specifying data types, and defining relationships between tables.

Data Integrity:

SQL supports mechanisms to maintain data integrity, including constraints (e.g., primary key, foreign key) and triggers. These features help ensure the accuracy and consistency of data.

Transaction Control:

SQL provides commands for managing transactions, allowing users to control the execution of multiple SQL statements as a single unit. This helps maintain the consistency of the database in the event of failures.

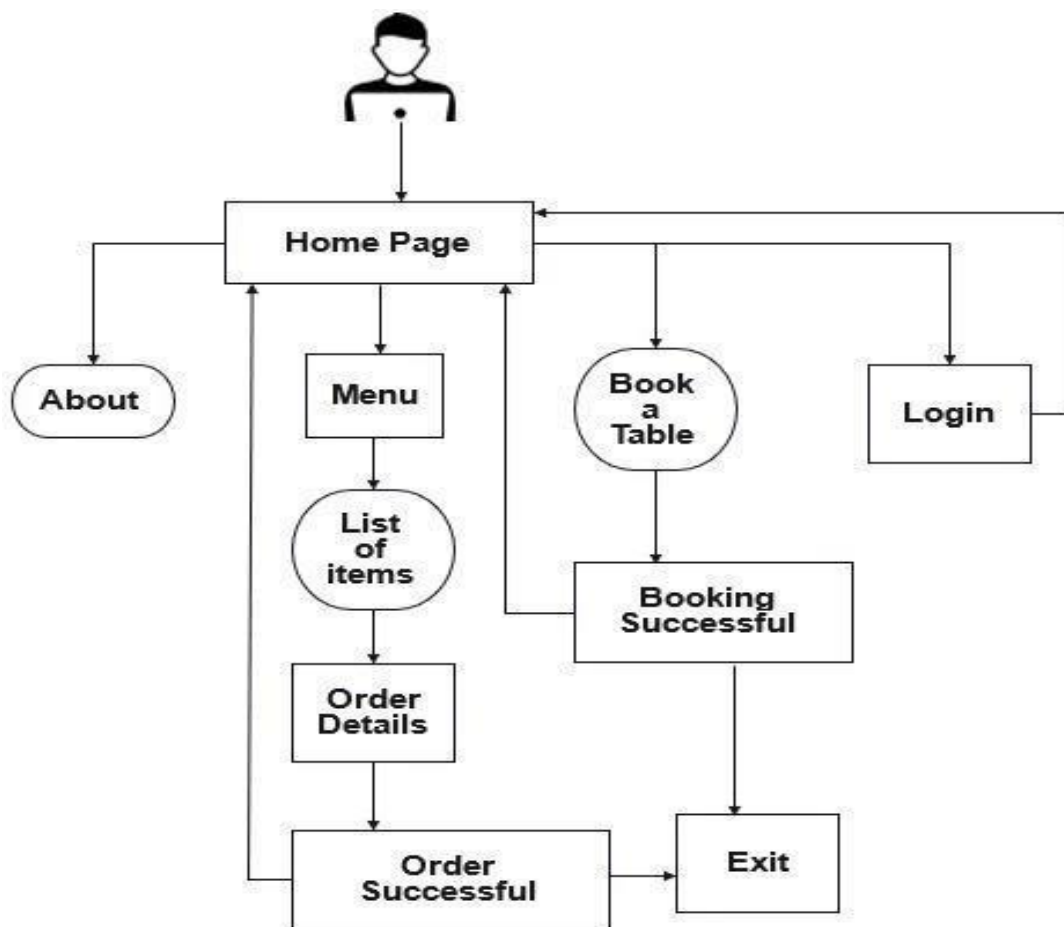
Security:

SQL includes security features to control access to databases and their components. Users can be granted specific permissions, restricting their ability to perform certain operations.

Normalization:

SQL supports the principles of database normalization to organize data efficiently, minimize redundancy, and reduce the likelihood of data anomalies.

FLOW CHART



WEB HOSTING

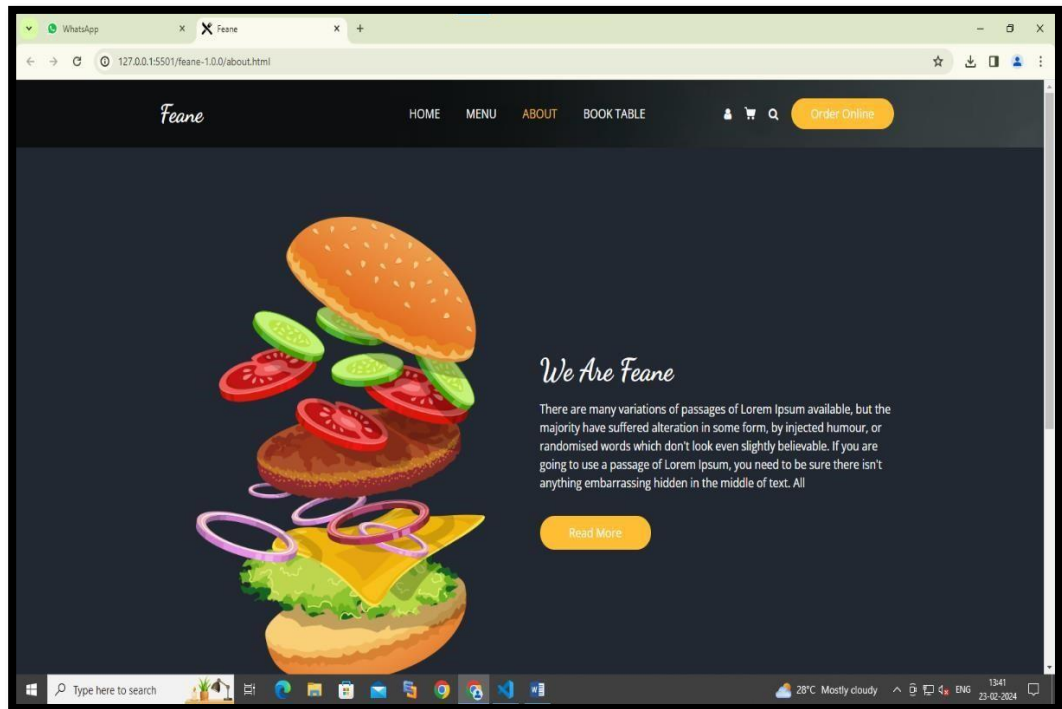
- **What is Web Hosting?**

Web hosting is a service that allows individuals and organizations to make their website accessible via the World Wide Web. Websites are hosted or stored on servers, which are specially configured computers designed to handle website data and serve it to users when they access the website through their web browsers.

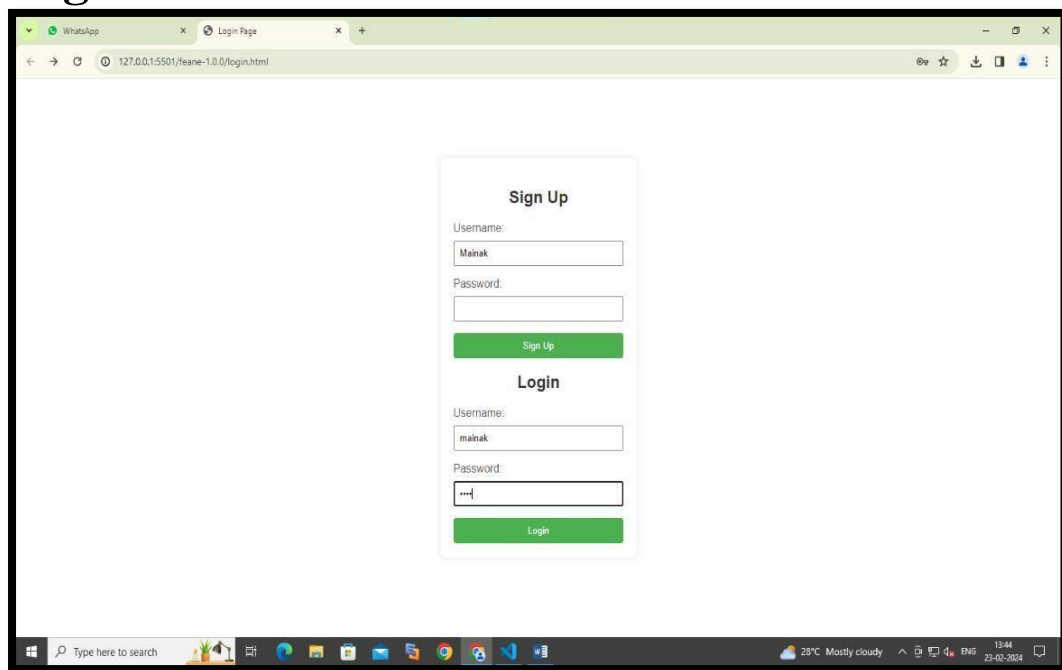
- **Infinity Free Hosting:** Infinity Free is a hosting provider that offers free web hosting services. It allows users to host their websites without any cost, making it an attractive option for individuals and small businesses with limited budgets.
 - **Features:** Infinity Free provides various features typical of web hosting services, including:
 - **Disk space:** The amount of storage space available for your website files and data.
 - **Bandwidth:** The amount of data that can be transferred between your website and visitors' browsers.
 - **Website builder:** Tools to help you create and design your website, even if you don't have coding experience.
 - **Email accounts:** Ability to create email addresses associated with your domain name.
 - **MySQL databases:** Database support for dynamic website functionality, such as content management systems (e.g., WordPress).
 - **FTP access:** File Transfer Protocol access for uploading and managing website files.

RESULTS

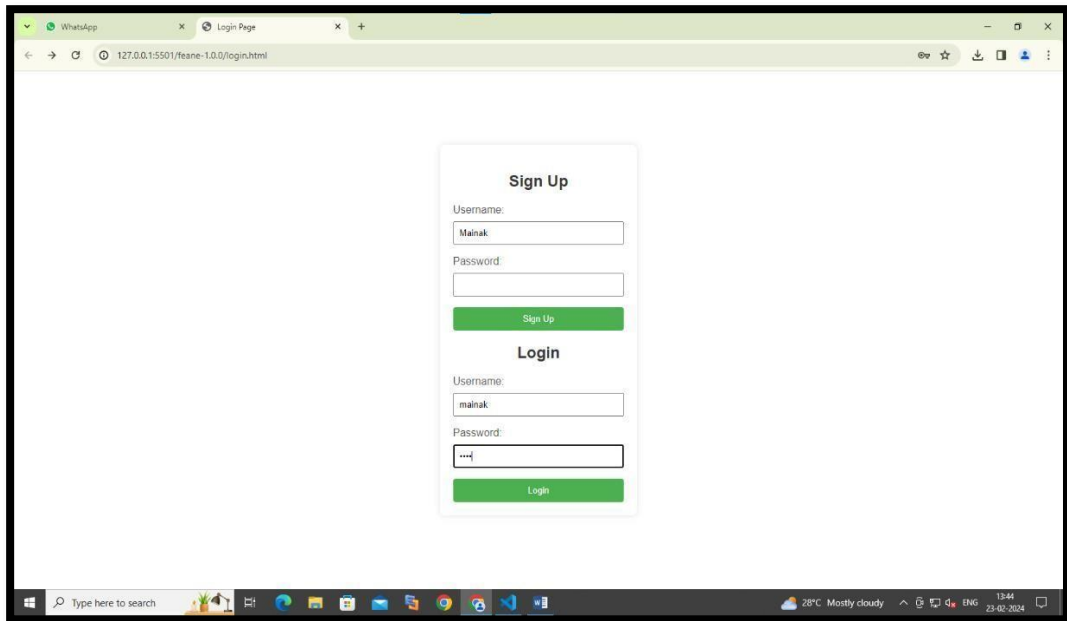
• About Section



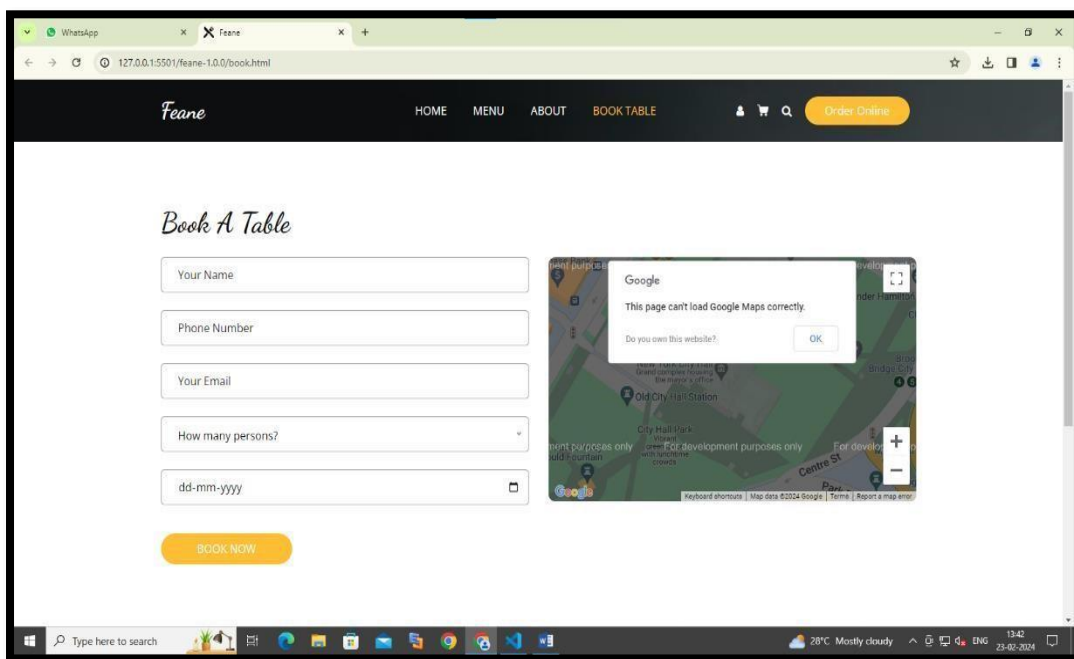
• Login Section



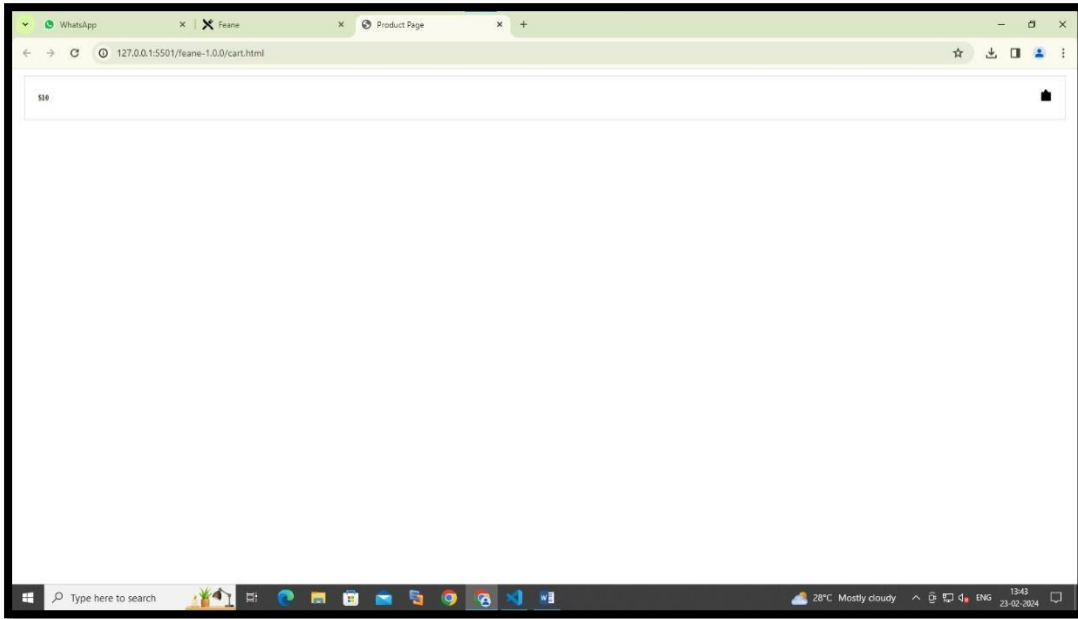
• Menu Section



- **Book Section**



- **Cart Section**



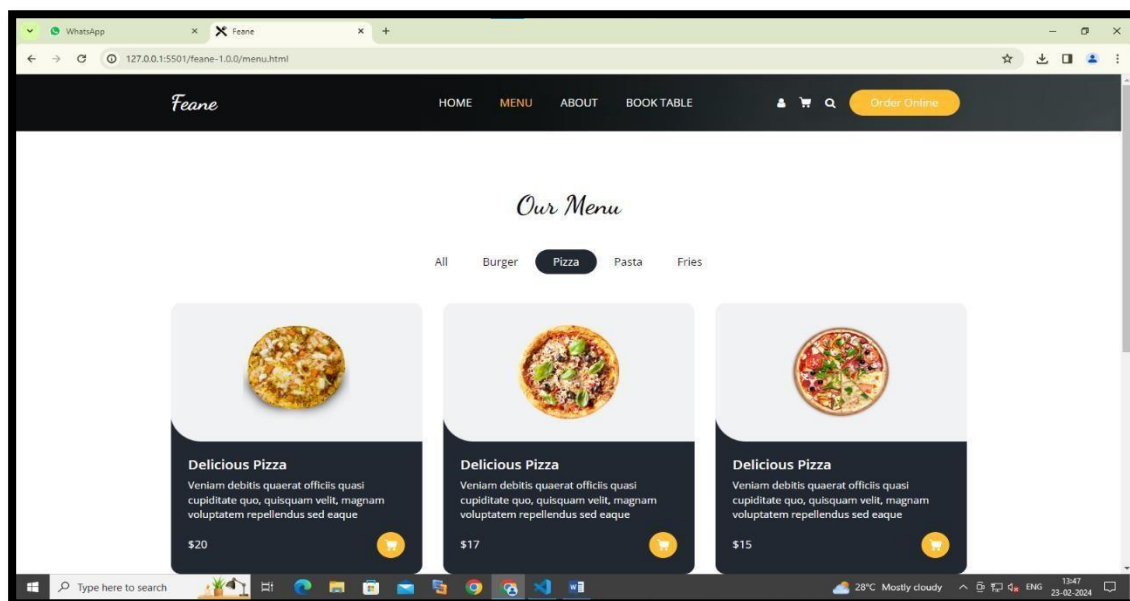
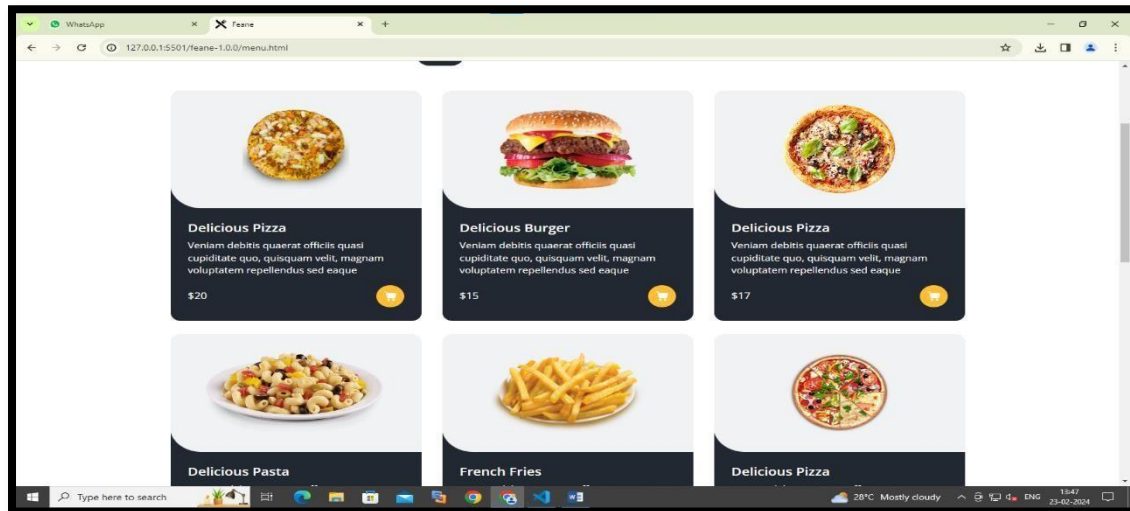
- **Order Section**

A screenshot of a web browser window displaying an online order form. The title "Place Your Order" is centered at the top. The form includes the following fields:

- "Select Item:" with a dropdown menu showing "Pizza".
- "Quantity:" with a text input field containing the number "3".
- "Your Name:" with a text input field containing the name "mainak".
- "Delivery Address:" with a text input field containing "kolkat".

Below these fields is a green button labeled "Place Order". At the bottom left of the form, it says "Total Cost: \$29.97". The browser's taskbar at the bottom shows the system clock indicating 13:49 on 23-02-2024.

- Web Page



Website link: - <http://resturantdiptanu.rf.gd>

METHODOLOGY

• HTML CODE ○

index.html

```
○ <!DOCTYPE html>
○ <html>
○
○ <head>
○ <!-- Basic -->
○ <meta charset="utf-8" />
○ <meta http-equiv="X-UA-Compatible" content="IE=edge" />
○ <!-- Mobile Metas -->
○ <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no" />
○ <!-- Site Metas -->
○ <meta name="keywords" content="" />
○ <meta name="description" content="" />
○ <meta name="author" content="" />
○ <link rel="shortcut icon" href="images/favicon.png" type="">
○
○ <title> Feane </title>
○
○ <!-- bootstrap core css -->
○ <link rel="stylesheet" type="text/css" href="css/bootstrap.css"
/>
○
○ <!--owl slider stylesheet -->
○ <link rel="stylesheet" type="text/css"
href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/a
ssets/owl.carousel.min.css" />
○ <!-- nice select -->
○ <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/jquery-nice-
select/1.1.0/css/nice-select.min.css" integrity="sha512-
CruCP+TD3yXzlvvijET8wV5WxxEh5H8P4cmz0RFbKK6FlZ2sYl3AEsKlLPHbniXKS
rDdFewhbmBK5skbdsASbQ==" crossorigin="anonymous" />
○ <!-- font awesome style -->
○ <link href="css/font-awesome.min.css" rel="stylesheet" />
○
○ <!-- Custom styles for this template -->
```

-
- `<link href="css/style.css" rel="stylesheet" />`
 - `<!-- responsive style -->`

- -
 -
-


```
○      <link href="css/responsive.css" rel="stylesheet"
○      />
○
○      </head>
○
○      <body>
○
○      <div class="hero_area">
○      <div class="bg-box">
○      
○      </div>
○      <!-- header section strats -->
○      <header class="header_section">
○      <div class="container">
○      <nav class="navbar navbar-expand-lg custom_nav-
○      container ">
○
○      <a class="navbar-brand" href="index.html">
○      <span>
○      Ryomen
○      </span>
○      </a>
○
○      <button class="navbar-toggler" type="button"
○      data- toggle="collapse" data-
○      target="#navbarSupportedContent" aria-
○      controls="navbarSupportedContent" aria-
○      expanded="false" aria- label="Toggle
○      navigation">
○
○      <span class=""> </span>
○      </button>
○
○      <div class="collapse navbar-collapse"
○      id="navbarSupportedContent">
○      <ul class="navbar-nav mx-auto ">
○      <li class="nav-item active">
○      <a class="nav-link" href="index.html">Home <span
○      class="sr-only">(current)</span></a>
○      </li>
○      <li class="nav-item">
○      <a class="nav-link" href="menu.html">Menu</a>
○      </li>
○      <li class="nav-item">
○      <a class="nav-link"
○      href="about.html">About</a>
```

```
○      </li>
○      <li class="nav-item">
○      <a class="nav-link" href="book.html">Book
Table</a>
○      </li>
○      </ul>
○      <div class="user_option">
```



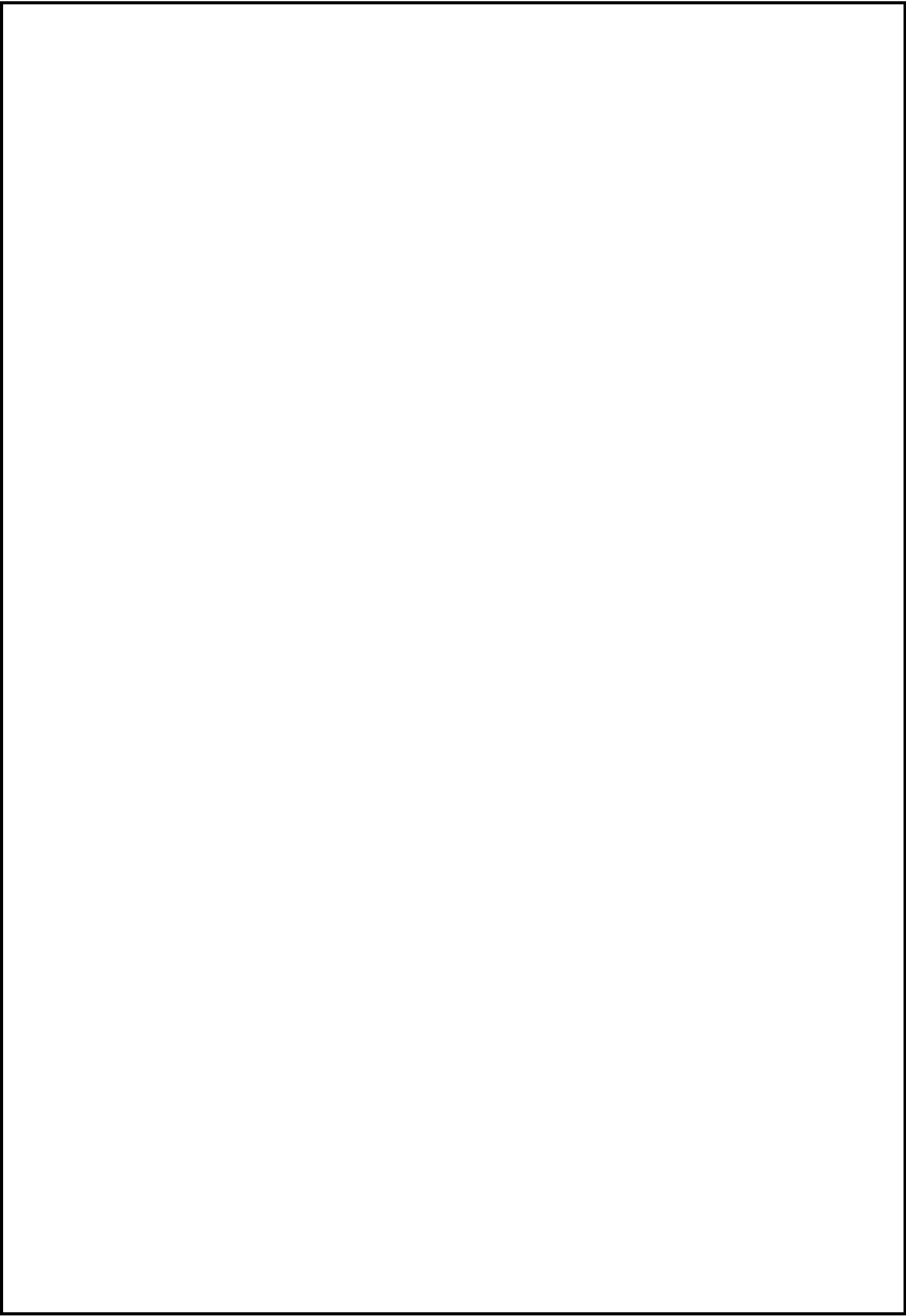
```
<a href="/feane-1.0.0/login.html"
target="_blank" class="user_link">
<i class="fa fa-user" aria-hidden="true"></i>
</a>
<a class="cart_link" href="#">
<svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029 456.029"
style="enable-background:new 0 0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-2.56-
0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9.216,2
0.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.744,216.
c4.096,27.136,27.648,47.616,55.296,47.616h212.
992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
C457.728,97.71,450.56,86.958,439.296,84.91z"
/>
</g>
</g>
<g>
<g>
<path d="M215.04,389.55c-1.024-28.16-
24.576-50.688-52.736-50.688c-29.696,1.536-52.224,26.112-
51.2,55.296
c1.024,28.16,24.064,50.688,52.224,50.688h1.024
C193.536,443.31,216.576,418.734,215.04,389.55z" />
</g>
</g>
<g>
<g>
<g>
</g>
</g>
</g>
```

```
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
<g>
</g>
</svg>
</a>
<form class="form-inline">
<button class="btn my-2 my-sm-0 nav_search-
btn" type="submit">
<i class="fa fa-search" aria-
hidden="true"></i>
</button>
</form>
<a href="/feane-1.0.0/order.html"
class="order_online">
Order Online
</a>
</div>
</div>
</nav>
</div>
</header>
<!-- end header section -->
<!-- slider section -->
<section class="slider_section ">
<div id="customCarousel1" class="carousel
slide" data-ride="carousel">
<div class="carousel-inner">
<div class="carousel-item active">
<div class="container ">
```

```
O      <div class="row">
O      <div class="col-md-7 col-lg-6 ">
O      <div class="detail-box">
O      <h1>
O      Burger King Restaurant
O      </h1>
O      <p>
O      Burger King is a global fast-food chain
known for its flame-grilled burgers and iconic Whopper sandwich.
Founded in 1954, the company has expanded to become the second-
largest fast-food hamburger chain worldwide. Burger King is
recognized for its diverse menu, innovative marketing campaigns,
and the distinctive flame-grilling cooking technique that sets
its burgers apart.
O      </p>
O      <div class="btn-box">
O      <!-- online order link -->
O      <a href="/feane-1.0.0/order.html"
class="btn1">
O      Order Now
O      </a>
O      </div>
O      </div>
O      </div>
O      </div>
O      </div>
O      <div class="carousel-item ">
O      <div class="container ">
O      <div class="row">
O      <div class="col-md-7 col-lg-6 ">
O      <div class="detail-box">
O      <h1>
O      Fast Food Restaurant
O      </h1>
O      <p>
O      Doloremque, itaque aperiam facilis
rerum, commodi, temporibus sapiente ad
mollitia laborum quam quisquam esse
error unde. Tempora ex doloremque,
labore, sunt repellat dolore, iste magni
quos nihil ducimus libero ipsam.
O      </p>
O      <div class="btn-box">
O      <!-- online order link -->
O      <a href="/feane-1.0.0/order.html"
class="btn1">
```

Order Now

</div>



```
</div>
</div>
</div>
</div>
</div>
<div class="carousel-item">
<div class="container ">
<div class="row">
<div class="col-md-7 col-lg-6 ">
<div class="detail-box">
<h1>
Fast Food Restaurant
</h1>
<p>
Doloremque, itaque aperiam facilis
rerum, commodi, temporibus sapiente ad
mollitia laborum quam quisquam esse
error unde. Tempora ex doloremque,
labore, sunt repellat dolore, iste magni
quos nihil ducimus libero ipsam.
</p>
<div class="btn-box">
<!-- online order link -->
<a href="/feane-1.0.0/order.html"
class="btn1">
Order Now
</a>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="container">
<ol class="carousel-indicators">
<li data-target="#customCarousel1" data-
slide-to="0" class="active"></li>
<li data-target="#customCarousel1" data-
slide- to="1"></li>
<li data-target="#customCarousel1" data-
slide- to="2"></li>
</ol>
</div>
</div>
```

```
O      </section>
O      <!-- end slider section -->
O      </div>
O
```

-
-
-
-


```

<!-- offer section -->

<section class="offer_section layout_padding-
bottom">
<div class="offer_container">
<div class="container ">
<div class="row">
<div class="col-md-6 ">
<div class="box ">
<div class="img-box">

</div>
<div class="detail-box">
<h5>
King Deal Of The Day
</h5>
<h6>
<span>20%</span> Off
</h6>
<a href="/feane-1.0.0/order.html">
Order Now <svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029 456.029"
style="enable-background:new 0 0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-2.56-
0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9.216
,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.744,21
6.064
c4.096,27.136,27.648,47.616,55.296,47.616h21
2.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
C457.728,97.71,450.56,86.958,439.296,84.91z"
/>
</g>

```

```
</g>  
<g>  
  <g>
```

-
-
-
-

```
</div>  
<div class="detail-box">
```

-
-
-
-

```

<h5>
Pizza Days
</h5>
<h6>
<span>15%</span> Off
</h6>
<a href="/feane-1.0.0/order.html">
Order Now <svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029 456.029"
style="enable-background:new 0 0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-2.56-
0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9.216
,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.744,21
6.064
c4.096,27.136,27.648,47.616,55.296,47.616h21
2.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
C457.728,97.71,450.56,86.958,439.296,84.91z"
/>
</g>
</g>
<g>
<g>
<path d="M215.04,389.55c-1.024-28.16-
24.576-50.688-52.736-50.688c-29.696,1.536-52.224,26.112-
51.2,55.296
c1.024,28.16,24.064,50.688,52.224,50.688h1.0
24C193.536,443.31,216.576,418.734,215.04,389.55z" />
</g>
</g>
<g>
</g>
</g>
</g>

```

<g>

○

○

○

○

○

○

○

○

```
○ <div class="heading_container heading_center">
○   <h2>
○     Our Menu
○   </h2>
○ </div>
○
○ <ul class="filters_menu">
```

- -
 -
 -
 -
-

```

○      <li class="active" data-filter="*">All</li>
○      <li data-filter=".burger">Burger</li>
○      <li data-filter=".pizza">Pizza</li>
○      <li data-filter=".pasta">Pasta</li>
○      <li data-filter=".fries">Fries</li>
○      </ul>
○
○      <div class="filters-content">
○      <div class="row grid">
○      <div class="col-sm-6 col-lg-4 all pizza">
○      <div class="box">
○      <div>
○      <div class="img-box">
○      
○      </div>
○      <div class="detail-box">
○      <h5>
○      Delicious Pizza
○      </h5>
○      <p>
○      Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaque
○      </p>
○      <div class="options">
○      <h6>
○      $20
○      </h6>
○      <a href="">
○      <svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0 0
456.029 456.029;" xml:space="preserve">
○      <g>
○      <g>
○      <path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
○      c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
○      </g>
○      </g>
○      <g>
○      <g>
○      <path d="M439.296,84.91c-1.024,0-

```

2.56-0.512-4.096-0.512H112.641-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48



[illegible]

-
- -
 -
 -
 -
-

```

○                                     </svg>
○                                     </a>
○                                     </div>
○                                     </div>
○                                     </div>
○                                     </div>
○                                     </div>
○                                     <div class="col-sm-6 col-lg-4 all burger">
○                                     <div class="box">
○                                     <div>
○                                     <div class="img-box">
○                                     
○                                     </div>
○                                     <div class="detail-box">
○                                     <h5>
○                                     Delicious Burger
○                                     </h5>
○                                     <p>
○                                     Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaque
○                                     </p>
○                                     <div class="options">
○                                     <h6>
○                                     $15
○                                     </h6>
○                                     <a href="">
○                                     <svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0 0
456.029 456.029;" xml:space="preserve">
○                                     <g>
○                                     <g>
○                                     <path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
○                                     c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
○                                     </g>
○                                     </g>
○                                     <g>
○                                     <g>
○                                     <path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48

```


○ C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74
4,216.064

○
○
○
○
○

[illegible]

```
</a>  
</div>
```




```

○                                     </div>
○                                     </div>
○                                     </div>
○                                     </div>
○                                     <div class="col-sm-6 col-lg-4 all pizza">
○                                     <div class="box">
○                                     <div>
○                                     <div class="img-box">
○                                     
○                                     </div>
○                                     <div class="detail-box">
○                                     <h5>
○                                     Delicious Pizza
○                                     </h5>
○                                     <p>
○                                     Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaque
○                                     </p>
○                                     <div class="options">
○                                     <h6>
○                                     $17
○                                     </h6>
○                                     <a href="">
○                                     <svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0 0
456.029 456.029;" xml:space="preserve">
○                                     <g>
○                                     <g>
○                                     <path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
○                                     c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
○                                     </g>
○                                     </g>
○                                     <g>
○                                     <g>
○                                     <path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.641-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48

```

- C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74
4,216.064
- c4.096,27.136,27.648,47.616,55.296,47.61
6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4

-
-
-
-
-

[illegible]

-
-
-
-
-

```

</div>
</div>
<div class="col-sm-6 col-lg-4 all
pasta">
<div class="box">
<div>
<div class="img-box">

</div>
<div class="detail-box">
<h5>
Delicious Pasta
</h5>
<p>
Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaeque
</p>
<div class="options">
<h6>
$18
</h6>
<a href="">
<svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0
0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.641-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74
4,216.064
c4.096,27.136,27.648,47.616,55.296,47.61
6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4

```

C457.728,97.71,450.56,86.958,439.296,84.

91z" />

</g>

-
-
-
-
-

[illegible]

```
        </div>
      </div>
    </div>
    <div class="col-sm-6 col-lg-4 all fries">
```

-
-
-
-
-

```

<div class="box">
<div>
<div class="img-box">

</div>
<div class="detail-box">
<h5>
French Fries
</h5>
<p>
Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaque
</p>
<div class="options">
<h6>
$10
</h6>
<a href="">
<svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0
0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74
4,216.064
c4.096,27.136,27.648,47.616,55.296,47.61
6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
C457.728,97.71,450.56,86.958,439.296,84.
91z" />
</g>
</g>

```

○

<g>

<g>

○

○

○

○

○

○

[illegible]

```
        <div class="col-sm-6 col-lg-4 all pizza">  
<div class="box">  
  <div>  
    <div class="img-box">
```

○

○

```


</div>
<div class="detail-box">
<h5>
Delicious Pizza
</h5>
<p>
Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaque
</p>
<div class="options">
<h6>
$15
</h6>
<a href="">
<svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0
0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74
4,216.064
c4.096,27.136,27.648,47.616,55.296,47.61
6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
C457.728,97.71,450.56,86.958,439.296,84.
91z" />
</g>
</g>
<g>
<g>
<path d="M215.04,389.55c-1.024-28.16-

```

24.576-50.688-52.736-50.688c-29.696,1.536-52.224,26.112-
51.2,55.296

○

○

[illegible]

○ ○ ○ ○ ○

```
<div class="img-box">  
    
</div>  
  <div class="detail-box">
```

-
-
-
-
-

```

<h5>
Tasty Burger
</h5>
<p>
Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed
eaeque
</p>
<div class="options">
<h6>
$12
</h6>
<a href="">
<svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink"
x="0px" y="0px" viewBox="0 0 456.029
456.029" style="enable-background:new 0
0
456.029 456.029;" xml:space="preserve">
<g>
<g>
<path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
</g>
</g>
<g>
<g>
<path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74
4,216.064
c4.096,27.136,27.648,47.616,55.296,47.61
6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
C457.728,97.71,450.56,86.958,439.296,84.
91z" />
</g>
</g>
<g>
<g>
<path d="M215.04,389.55c-1.024-28.16-
24.576-50.688-52.736-50.688c-29.696,1.536-52.224,26.112- 51.2,55.296
c1.024,28.16,24.064,50.688,52.224,50.688
h1.024C193.536,443.31,216.576,418.734,215.04,389.55z" />

```

</g>

- -
 -
 -
 -
-

[illegible]

```
○      
      </div>
      <div class="detail-box">
        <h5>
          Tasty Burger
        </h5>
```

-
-
-
-


```

○      <p>
○      Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed eaque
○      </p>
○      <div class="options">
○      <h6>
○      $14
○      </h6>
○      <a href="">
○      <svg version="1.1" id="Capa_1"
      xmlns="http://www.w3.org/2000/svg"
      xmlns:xlink="http://www.w3.org/1999/xlink" x="0px"
      y="0px" viewBox="0 0 456.029 456.029" style="enable-
      background:new 0 0
      456.029 456.029;" xml:space="preserve">
○      <g>
○      <g>
○      <path d="M345.6,338.862c-29.184,0-
      53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
○      c29.184,0,53.248-23.552,53.248-
      53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
○      </g>
○      </g>
○      <g>
○      <g>
○      <path d="M439.296,84.91c-1.024,0-
      2.56-0.512-4.096-0.512H112.64l-5.12-
      34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
○      C9.216,10.67,0,19.886,0,31.15c0,11.264,9
      .216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74 4,216.064
○      c4.096,27.136,27.648,47.616,55.296,47.61
      6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
○      C457.728,97.71,450.56,86.958,439.296,84.
      91z" />
○      </g>
○      </g>
○      <g>
○      <g>
○      <path d="M215.04,389.55c-1.024-28.16-
      24.576-50.688-52.736-50.688c-29.696,1.536-52.224,26.112-
      51.2,55.296
○      c1.024,28.16,24.064,50.688,52.224,50.688
      h1.024C193.536,443.31,216.576,418.734,215.04,389.5
      />
○      </g>
○      </g> <g>
○      </g>

```

○

○

○

<p>

```

○ Veniam debitis quaerat officiis quasi
cupiditate quo, quisquam velit, magnam voluptatem repellendus sed eaque
○ </p>
○ <div class="options">
○ <h6>
○ $10
○ </h6>
○ <a href="">
○ <svg version="1.1" id="Capa_1"
xmlns="http://www.w3.org/2000/svg"
xmlns:xlink="http://www.w3.org/1999/xlink" x="0px"
y="0px" viewBox="0 0 456.029 456.029" style="enable-
background:new 0 0
456.029 456.029;" xml:space="preserve">
○ <g>
○ <g>
○ <path d="M345.6,338.862c-29.184,0-
53.248,23.552-53.248,53.248c0,29.184,23.552,53.248,53.248,53.248
○ c29.184,0,53.248-23.552,53.248-
53.248C398.336,362.926,374.784,338.862,345.6,338.862z" />
○ </g>
○ </g>
○ <g>
○ <g>
○ <path d="M439.296,84.91c-1.024,0-
2.56-0.512-4.096-0.512H112.64l-5.12-
34.304C104.448,27.566,84.992,10.67,61.952,10.67H20.48
○ C9.216,10.67,0,19.886,0,31.15c0,11.264,9
.216,20.48,20.48,20.48h41.472c2.56,0,4.608,2.048,5.12,4.608l31.74 4,216.064
○ c4.096,27.136,27.648,47.616,55.296,47.61
6h212.992c26.624,0,49.664-18.944,55.296-45.056l33.28-166.4
○ C457.728,97.71,450.56,86.958,439.296,84.
91z" />
○ </g>
○ </g>
○ <g>
○ <g>
○ <path d="M215.04,389.55c-1.024-28.16-
24.576-50.688-52.736-50.688c-29.696,1.536-52.224,26.112-
51.2,55.296
○ c1.024,28.16,24.064,50.688,52.224,50.688
h1.024C193.536,443.31,216.576,418.734,215.04,389.5
○ />
○ </g>
○ </g>
○ <g>
○ </g>
○ <g>

```

[illegible]

```
○      View More
○      </a>
○      </div>
○      </div>
○      </section>
○
○      <!-- end food section -->
○
○      <!-- about section -->
○
```

```

<section class="about_section layout_padding">
<div class="container ">

<div class="row">
<div class="col-md-6 "> <div class="img-box">

</div>
</div>
<div class="col-md-6">
<div class="detail-box">
<div class="heading_container">
<h2>
We Are Feane
</h2>
</div>
<p>
There are many variations of passages of Lorem
Ipsum available, but the majority have suffered alteration
in some form, by injected humour, or randomised words which
don't look even slightly believable. If you
are going to use a passage of Lorem Ipsum, you need to be sure
there isn't anything embarrassing hidden in
the middle of text. All
</p>
<a href=""> Read More
</a>
</div>
</div> </div>
</section>

<!-- end about section -->

<!-- book section -->
<section class="book_section layout_padding">
<div class="container">
<div class="heading_container">
<h2>
Book A Table
</h2>
</div>
<div class="row">
<div class="col-md-6">
<div class="form_container">
<form action="">

```

○

○


```
<div>
<input type="text" class="form-control"
placeholder="Your Name" />
</div>
<div>
<input type="text" class="form-control"
placeholder="Phone Number" />
</div>
<div>
<input type="email" class="form-control"
placeholder="Your Email" />
</div>
<div>
<select class="form-control nice-select
wide">
<option value="" disabled selected>
How many persons?
</option>
<option value="">
1
</option>
<option value="">
2
</option>
<option value="">
3
</option>
<option value="">
4
</option>
<option value="">
5
</option>
</select>
</div>
<div>
<input type="date" class="form-control">
</div>
<div class="btn_box">
<button>
Book Now
</button>
</div>
</form>
</div>
</div>
```

```
○      <div class="col-md-6">
○      <div class="map_container ">
<div id="googleMap"></div>
```



```
</div>
</div>
</div> ○ </div>
</section>
<!-- end book section -->

<!-- client section -->

<section class="client_section layout_padding-
bottom">
<div class="container">
<div class="heading_container heading_center
pseudo_white_primary mb_45">
<h2>
What Says Our Customers
</h2>
</div>
<div class="carousel-wrap row ">
<div class="owl-carousel client_owl-
carousel">
<div class="item">
<div class="box">
<div class="detail-box">
<p>
Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor incididunt ut labore et
dolore magna aliqua. Ut enim ad minim veniam
</p>
<h6>
Moana Michell
</h6>
<p>
magna aliqua
</p>
</div>
<div class="img-box">

</div>
</div>
</div>
<div class="item">
<div class="box">
<div class="detail-box">
<p>
Lorem ipsum dolor sit amet, consectetur
```

adipiscing elit, sed do eiusmod tempor incididunt ut labore et
dolore magna aliqua. Ut enim ad minim veniam
</p>


```
</a>
</div>
</div>
</div>
<div class="col-md-4 footer-col">
  <div class="footer_detail">
    <a href="" class="footer-logo">
      Feane
    </a>
    <p>
      Necessary, making this the first true generator
      on the Internet. It uses a dictionary of over 200
      Latin words, combined with
    </p>
    <div class="footer_social">
      <a href="">
        <i class="fa fa-facebook" aria-hidden="true"></i>
      </a>
      <a href="">
        <i class="fa fa-twitter" aria-
        hidden="true"></i>
      </a>
      <a href="">
        <i class="fa fa-linkedin" aria-hidden="true"></i>
      </a>
      <a href="">
        <i class="fa fa-instagram" aria-
        hidden="true"></i>
      </a>
      <a href="">
        <i class="fa fa-pinterest" aria-
        hidden="true"></i>
      </a>
    </div>
  </div>
</div>
<div class="col-md-4 footer-col">
  <h4>
    Opening Hours
  </h4>
  <p>
    Everyday
  </p>
  <p>
    10.00 Am -10.00 Pm
  </p>
</div>
</div>
<div class="footer-info">
```



```

O      <p>
O      &copy; <span id="displayYear"></span> All Rights Reserved By
O      <a href="https://html.design/">Free Html Templates</a><br><br>
O      &copy; <span id="displayYear"></span> Distributed By
O      <a href="https://themewagon.com/"
O      target="_blank">ThemeWagon</a>
O
O      </p>
O      </div>
O      </div>
O      </footer>
O      <!-- footer section -->
O
O      <!-- jQuery -->
O      <script src="js/jquery-3.4.1.min.js"></script>
O      <!-- popper js -->
O      <script
O      src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper
O      r.min.js" integrity="sha384-
O      Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
O      crossorigin="anonymous">
O      </script>
O      <!-- bootstrap js -->
O      <script src="js/bootstrap.js"></script>
O      <!-- owl slider -->
O      <script
O      src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/ow
O      l.carousel.min.js">
O      </script>
O      <!-- isotope js -->
O      <script src="https://unpkg.com/isotope-
O      layout@3.0.4/dist/isotope.pkgd.min.js"></script>
O      <!-- nice select -->
O      <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery- nice-
O      select/1.1.0/js/jquery.nice-select.min.js"></script>
O      <!-- custom js -->
O      <script src="js/custom.js"></script>
O      <!-- Google Map -->
O      <script
O      src="https://maps.googleapis.com/maps/api/js?key=AIzaSyCh39n5U-
O      4IoWpsVGUHwdqB6puEkhRLdmi&callback=myMap">
O      </script>
O      <!-- End Google Map -->
O
O      </body>
O
O      </html>

```

- **PHP CODE**
 - **booking.php**

```
> <?php
> session_start();
>
> // Database connection
> $servername = "sql209.infinityfree.com";
> $username = "if0_36013867";
> $password = "0Ucvh093kJNSNt0";
> $database = "if0_36013867_resturant";
>
> $conn = new mysqli($servername, $username, $password, $database);
>
> if ($conn->connect_error) {
>     die("Connection failed: " . $conn->connect_error);
> }
>
> // Insert booking details
> if (isset($_POST['book'])) {
>     $name = mysqli_real_escape_string($conn, $_POST['name']);
>     $phone = mysqli_real_escape_string($conn, $_POST['phone']);
>     $email = mysqli_real_escape_string($conn, $_POST['email']);
>     $persons = mysqli_real_escape_string($conn,
> $_POST['persons']);
>     $date = mysqli_real_escape_string($conn, $_POST['date']);
>
>     $sql = "INSERT INTO booking (`Name`, `Phone Number`, `Email`,
> `Number of Person`, `Date`)
>         VALUES ('$name', '$phone', '$email', '$persons',
> '$date')";
>
>     if ($conn->query($sql) === TRUE) {
>         echo "Booking details added successfully";
>     } else {
>         echo "Error: " . $sql . "<br>" . $conn->error;
>     }
> }
>
> $conn->close();
> ?>
```

○ order_handler.php

```
<?php
session_start();
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1); error_reporting(E_ALL);

$servername = "sql209.infinityfree.com";
$username = "if0_36013867";
$password = "0Ucvh093kJNSnt0";
$database = "if0_36013867_resturant";
$conn = new mysqli($servername, $username, $password, $database);

if ($conn->connect_error) { die("Connection failed: "
    . $conn->connect_error);
} else{ echo "Order has been
Placed"; header("Location:
index.html");
}

$conn->close();
?>
```

○ your_server_side_login_handler.php

```
○ <?php
○ $servername = "localhost";
○ $username = "root";
○ $password = "";
○ $database = "resturant";
○
○ //create connection
○ $conn = new mysqli($servername,$username,$password,$database);
○
○ // Check connection
○ if($conn->connect_error)
○ {
○     die("Connection Failed: " . $conn->connect_error);
○ }
○ else
```

```

O         {
O         echo "Connected succesfully";
O         }
O
O         $conn->close();
O
O         // Signup
O         if(isset($_POST['signup'])) {
O         $username = $_POST['Username'];
O         $password = $_POST['Password'];
O
O         // Hash the password
O         $hashed_password = password_hash($password, PASSWORD_DEFAULT);
O
O         $sql = "INSERT INTO user (Username, Password) VALUES ('$username',
O '$hashed_password')";
O         if ($conn->query($sql) === TRUE) {
O         echo "Signup successful";
O         } else {
O         echo "Error: " . $sql . "<br>" . $conn->error;
O         }
O         }
O
O         // Login
O         if (isset($_POST['login'])) {
O         $username = $_POST['Username'];
O         $password = $_POST['Password'];
O
O         $sql = "SELECT * FROM user WHERE Username='$username'";
O         $result = $conn->query($sql);
O
O         if ($result->num_rows > 0) {
O         $row = $result->fetch_assoc();
O         if (password_verify($password, $row['Password'])) {
O         $_SESSION['Username'] = $username;
O         echo "Login successful";
O         } else {
O         echo "Invalid username or password";
O         }
O         } else {
O         echo "Invalid username or password";
O         }
O         }
O
O         ?>

```

FUTURE SCOPES

- Integration with Emerging Technologies
- Enhanced Customer Experience
- Expansion to Multiple Locations
- Integration with Delivery Services
- Data Analytics and Business Intelligence
- Compliance and Regulatory Features
- Customer Relationship Management (CRM)
- Sustainability Initiatives
- Virtual/Augmented Reality Experiences
- Continuous Improvement and User Feedback

CONCLUSION

Our restaurant management system project has achieved its goal of revolutionizing how restaurants operate. Guided by our teacher, we developed a robust platform to streamline order processing, inventory management, and customer engagement. Collaboration was key, as we pooled our skills to overcome challenges and deliver a user-friendly solution.

User feedback drove our iterative development process, ensuring our system met real-world needs. Deployment marks a milestone, offering restaurants a tool to enhance efficiency and customer satisfaction. Looking ahead, we see potential in integrating AI for predictive analytics and expanding our system's reach to diverse culinary ventures.

In conclusion, our project is more than just a technical achievement—it's a testament to teamwork, innovation, and dedication. As we envision the future, we're excited about the impact our system will have on the dynamic restaurant industry, empowering businesses to thrive in an ever-changing l

REFERENCE

Journal Articles:

Smith, J. (2020). "Effective Strategies for Restaurant Management." *Journal of Hospitality Management*, 15(3), 123-135.

Johnson, A. (2018). "Optimizing Kitchen Workflow: A Case Study." *International Journal of Culinary Science*, 7(2), 200-215.

Books:

Brown, M. (2019). The Restaurant Manager's Handbook: How to Set Up, Operate, and Manage a Financially Successful Food Service Operation. Atlantic Publishing Company.

Miller, R. (2017). Restaurant Success by the Numbers: A Money-Guy's Guide to Opening the Next New Hot Spot. John Wiley & Sons.

Websites:

National Restaurant Association. (n.d.). "Industry Statistics and Trends." Retrieved from <https://restaurant.org/research/industry-statistics>

Food and Drug Administration. (2021). "Food Code." Retrieved from <https://www.fda.gov/food/fda-food-code>

Case Studies:

"Case Study: Streamlining Order Management with a POS System." Retrieved from <https://www.posprovider.com/case-studies/streamlining-order-management>"

Success Story: How Restaurant X Increased Sales Through Digital Marketing." Retrieved from <https://www.digitalmarketingagency.com/case-studies/restaurant-x>