

Project Report On Online Food Delivery System

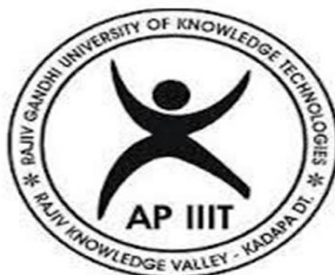
Submitted by

G.JYOTHSNA R170826

N.SADHIYA R170821

C.SHANMUKHA VANI R170136

K.UDAYASREE R170806



Under the supervision of

Miss.P UDAYASREE

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

As a part of

Partial fulfillment of the degree of Bachelor of

Technology in Computer Science and Engineering

Date:

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES

(A.P.Government Act 18 of 2008)

RGUKT,RK VALLEY

Department of Computer Science and Engineering

CERTIFICATE

This is to certify that the project entitled "ONLINE FOOD DELIVERY SYSTEM" is a bonafied project work submitted by G.JYOTHSNA(R170826),N .SADHIYA(R170821),C.SHANMUKHA VANI(R170136), K.UDAYASREE(R170806) in the department of COMPUTER SCIENCE AND ENGINEERING in partial fulfillment of requirements for the award of degree of Bachelor of Technology in Computer Science and Engineering for the year 2021-2022 carried out the work under the supervision

MISS P UDAYASREE

Project Guide,
Assistant Professor,
Computer Science and Engineering,
RGUKT,RK VALLEY.

MR P HARINADA

Head Of The Department
Assistant Professsor
Computer Science and Engineering
RGUKT,RKVALLEY.

DECLARATION

We hereby declare that this report submitted by us under the guidance and supervision of Miss.P.Udayasree is a bonafide work.We also declare that it has not been submitted previously in part or in full to this university or other university or institution for the award of any degree or diploma.

DATE:

PLACE:RK VALLEY.

G.JYOTHSNA	R170826
N.SADHIYA	R170821
C.SHANMUKHA VANI	R170136
K.UDAYASREE	R170806

ACKNOWLEDGEMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible and whose constant guidance and encouragement crown all the efforts success.

We are extremely grateful to our respected Director, Prof. K.SANDHYA RANI for fostering an excellent academic climate in our institution.

We also express our sincere gratitude to our respected Head of the Department Mr. P. Harinadha for his encouragement, overall guidance in viewing this project a good asset and effort in bringing out this project.

We would like to convey thanks to our guide at college MISS.P.UDAYASREE for his guidance, encouragement, co-operation and kindness during the entire duration of the course and academics.

With Sincere Regards,

G.JYOTHSNA R170826

N.SADHIYA R170821

C.SHANMUKHA VANI R170136

K.UDAYASREE R170806

Abstract

ONLINE FOOD DELIVERY SYSTEM is a Website designed primarily for use in the food delivery industry. This system will allow hotels and restaurants to increase scope of business by reducing the labor cost involved. The system also allows to quickly and easily managing an online menu which customers can browse and use to place orders with just few clicks.

Restaurant employees then use these orders through an easy to navigate graphical interface for efficient processing. Our proposed system is an online food ordering system that enables ease for the customers. It overcomes the disadvantages of the traditional queuing system.

INDEX

1	INTRODUCTION	7
	Introduction to web technologies	
	1.1 Internet	
	1.2 WWW(WORLD WIDE WEB)	
	1.3 Why the web applications?	
2	Tools and Technologies Used.....	9
	2.1 HTML	
	2.2 CSS	
	2.3 MYSQL	
3	Learning During the Projects.....	10
	3.1 DBMS	
	3.2 SQL	
	3.3 RESPONSIVE WEB DESIGN	
4	ER DIAGRAM.....	13
5	USE CASE DIAGRAM.....	14
6	Code for Front-End and Back-End.....	15
7	Modules.....	30
	7.1 Login page	
	7.2 Signup page	
	7.3 Home page	
	7.4 Menu page	
	7.5 About us page	
	7.6 Contact us page	
	7.7 Reserve a table page	
	7.8 My cart	
8	References.....	33
9	conclusion.....	33

PURPOSE

The main purpose of ONLINE FOOD DELIVERY SYSTEM is it benefits both the customer and the business. With a website or mobile app, customers can easily browse all the dishes the restaurant has available, customize dishes to their requirements and place an order. From the restaurants perspective, they no longer spend time taking the customers order, stop worrying about communication errors streamline their order management workflow.

SCOPE

The scope of the project (web panel based application) are as follows:

Food ordering app can sale food product, and more, through this online, one stop food store. It provides you with a convenient way to sale from your food shopping app. The app makes easy for the user to order food from the restaurant, with easy steps and restaurant can get easy orders.

ADVANTAGES:

- Makes the ordering process easier.
- Efficient customer and order management.
- Monitor your expenses incurred in real time.
- The convenience of mobile ordering.
- Free and cheap marketing.
- Easy fast and comfortable.

DISADVANTAGES:

- Most food ordering systems have a limited number of meals.
- Due to long ordering distances, your food may also be cold once it is finally delivered to home.
- The vibe of restaurant is missing.

REQUIREMENT SPECIFICATION

Hardware Configuration:

Client Side:

Ram	512 MB
Hard disk	10 GB
Processor	1.0 GHz

Server side:

Ram	1 GB
Hard disk	20 GB
Processor	2.0 GHz

Software Requirement:

Front end	HTML ,CSS ,jquery ,java script,Bootstrap
Server side Language	PHP
Database server	MYSQL
Web Browser	Firefox ,Windows or any equivalent OS
Operating system	Ubuntu , Windows or any equivalent OS
Software	xampp

Introduction

1. Introduction to Web Technologies

1.1 Internet

The internet is global wide area network that connects computer system across the world. The internet provides different online services.



Connecting Devices

1.2 WWW (world wide web)

The world wide Web is a set of all the websites connected to the internet worldwide. It is also known as WWW or Web. It is a system of interlinked hypertext documents accessed via the internet. We can access a webpage by the use of a web browser and navigate between them by using hyperlinks.



Connecting People

1.3 Why web application?

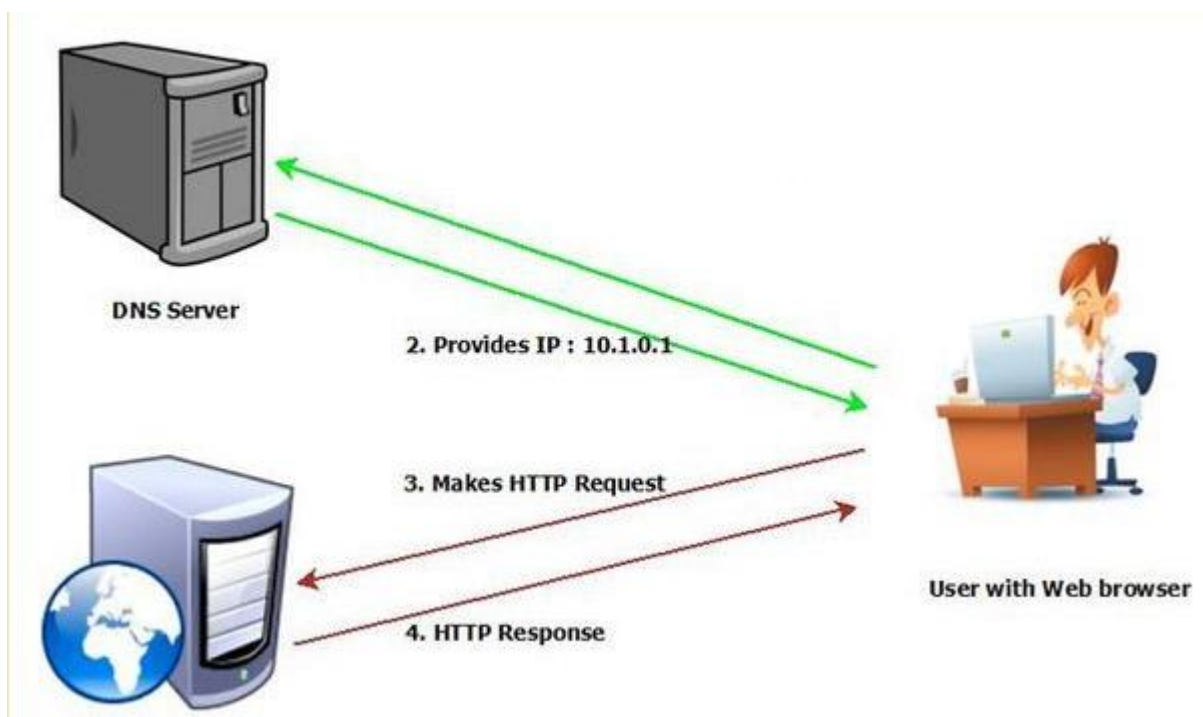
Web applications have become an essential component of business in today's world. By using the web applications, business can now develop and become simpler and achieve their objectives

much faster. These applications can help target numerous clientele and customers at a time.

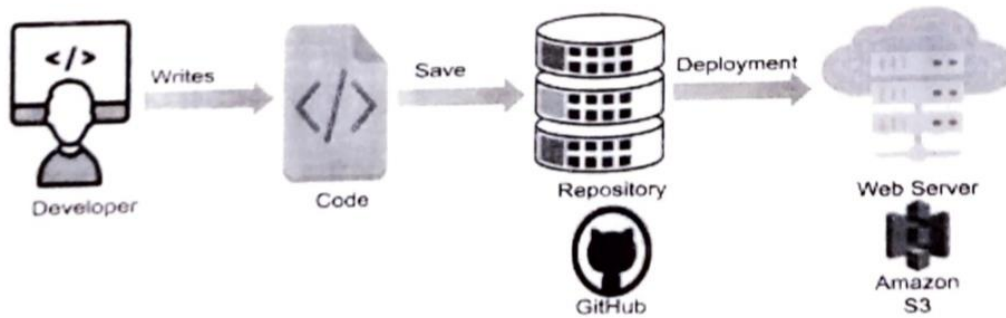
Organizations are rapidly embracing the aspect of the internet by creating web applications with the help of developers to meet their business demands. Web applications are important for a number of reasons.

1.4 How does the Web work?

1.4.1 User Flow:



1.4.2 Developer flow



2. Tools and Technologies Used:

Frontend : HTML and CSS3

Backend : PHP

Database : MySQL

Tool : Xampp

2.1 HTML:



HTML stands for **Hyper Text Markup Language**. HTML is the standard markup language for Webpages.

HTML elements are the building blocks of the HTML Markup. HTML elements consist of start tag, end tag and content in between them.

2.2 CSS3:



CSS stands for **Cascading Style Sheets**. It describes how HTML elements are to be displayed on screen, paper or in other media. CSS saves a lot of work. It can control the layout of multiple web pages all at once.

2.3 PHP:



PHP stands for **Hypertext preprocessor**. It is a server-side scripting language that is embedded in HTML. IT is used to manage dynamic content, database, session tracking, even build entire ecommerce sites. It is integrated with a number of

popular databases including MySQL, PostgreSQL, Oracle, Sybase, Informix and Microsoft SQL Server.

2.4 MySQL:



MySQL is a freely available open-source Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). SQL is the most popular language for adding, accessing and managing content in a database. **MySQL** is an essential part of almost every open-source PHP application.

3. Learnings During the Project:

3.1 PHP concepts:

PHP is a popular general-purpose scripting language that is especially suited to web development. Fast, Flexible and Pragmatic, PHP powers everything from your blog to the most popular websites in the world.

3.2 DBMS:

A database management system (DBMS) is system software for creating and managing databases. A DBMS makes it possible for end users to create, read, update and delete data in a database.

3.3 SQLite3:

SQLite is a relational database management system. It is very easy to use a database engine. It is self-contained, serverless, zero-configuration and transactional. It is very fast and lightweight, and the entire database is stored in a single disk file. It is used in a lot application as internal data storage.

3.4 Responsive Web Design



Responsive web design (RWD) is a web development approach that creates dynamic changes to the appearance of a website, depending on the

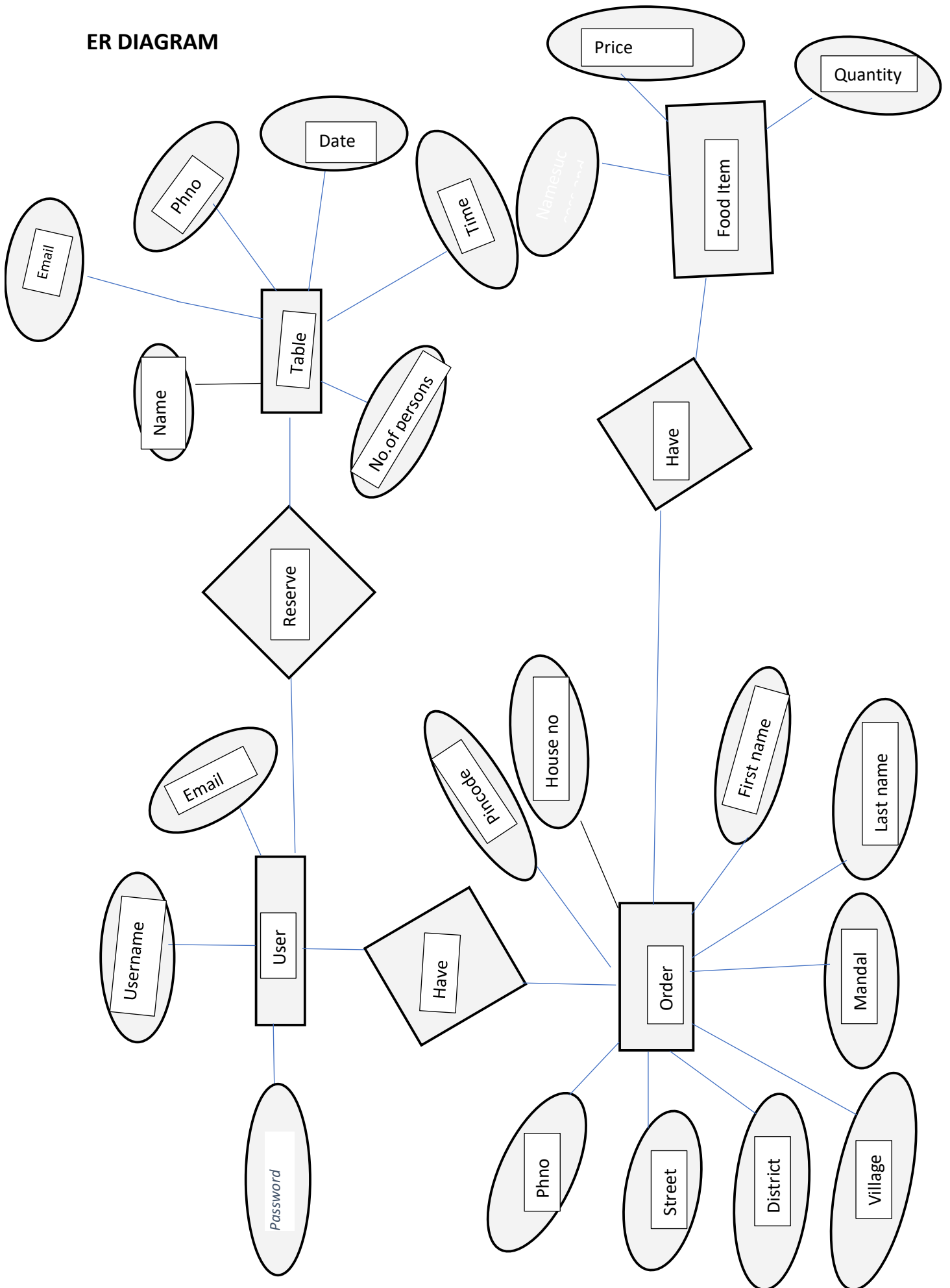
screen size and orientation of the device being used to view it. RWD is one approach to the problem of designing for the multitude of devices available to customers, ranging from tiny phones to huge desktop monitors.

3.4.1 Why responsive design

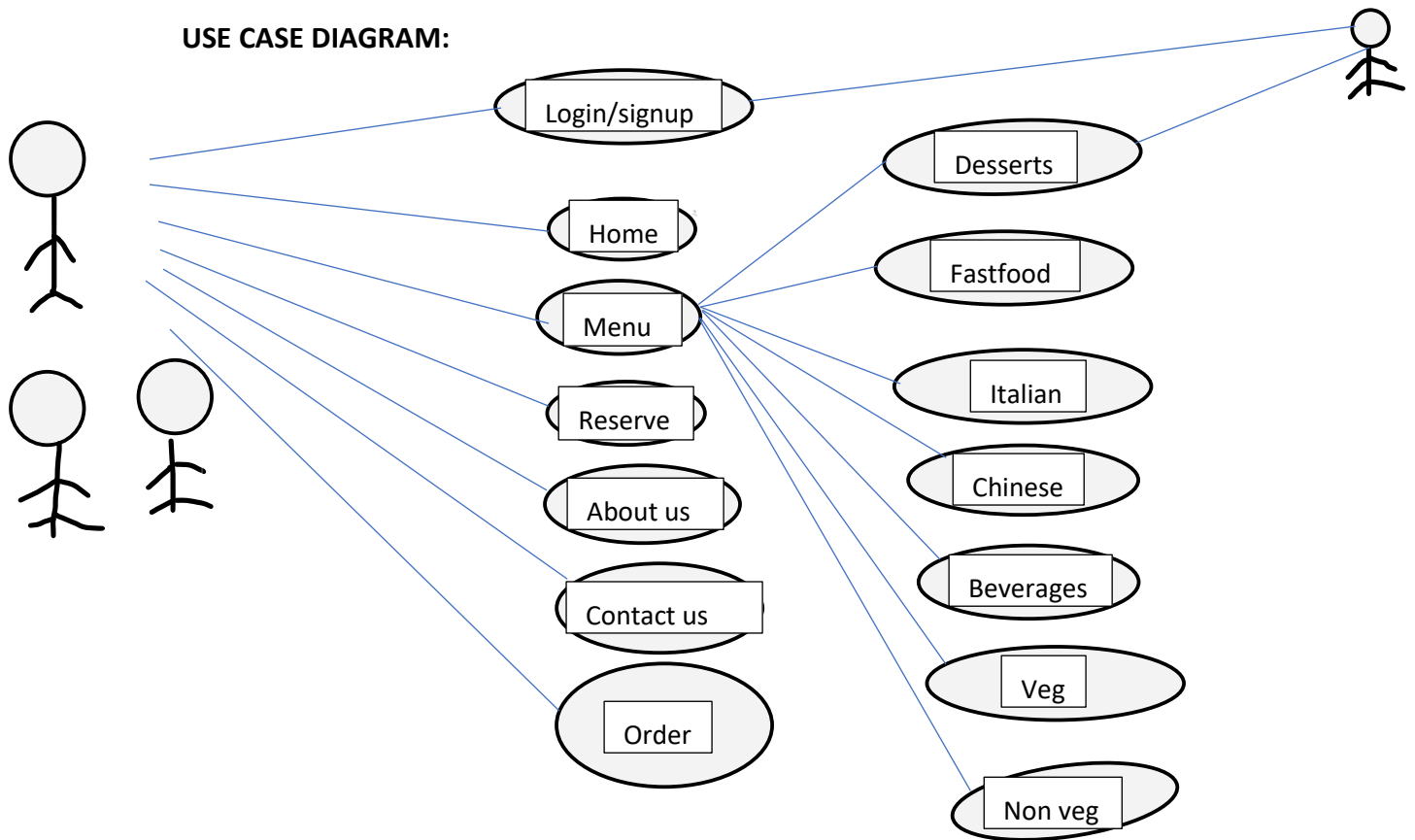
We recommend using responsive web design because it:

- Makes it easier for users to share and link to Your content with a single URL.
 - Helps Google's algorithms accurately Assign indexing properties to the page rather than needing to signal the existence of corresponding desktop/mobile pages.
-
- Requires less engineering time to maintain multiple pages for the same content.
 - Reduces the possibility of the common mistakes that affect mobile sites.
 - Requires no redirection for users to have a device-optimized view, which reduces load time. Also, user agent-based redirection is error-prone and can degrade your site's user experience (see Pitfalls when detecting user agents for details).
 - Saves resources when Googlebot crawls your site. For responsive web design pages, a single Googlebot user agent only needs to crawl your page once, rather than crawling multiple times with different Googlebot user agents to retrieve all versions of the content. This improvement in crawling efficiency can indirectly help Google index more of your site's content and keep it appropriately fresh.

ER DIAGRAM



USE CASE DIAGRAM:



CODE FOR FRONT END :

Login.html

```
<html>

<head>

<title>Food Paradise</title>

<link rel="icon" href="1.png" >

<meta charset="utf-8">

    <meta name="viewport" content="width=device-width, initial-scale=1">


<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/fontawesome.min.css">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css"
rel="stylesheet">

    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"></script>

        <link
href="https://fonts.googleapis.com/css?family=Montserrat:200,300,400,500,600,700,800&display=s
wap" rel="stylesheet">


    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/fontawesome.min.css">


    <link rel="stylesheet" href="css/animate.css">


    <link rel="stylesheet" href="css/owl.carousel.min.css">

    <link rel="stylesheet" href="css/owl.theme.default.min.css">

    <link rel="stylesheet" href="css/magnific-popup.css">


    <link rel="stylesheet" href="css/bootstrap-datepicker.css">

    <link rel="stylesheet" href="css/jquery.timepicker.css">
```

```
<link rel="stylesheet" href="css/flaticon.css">
<link rel="stylesheet" href="css/style.css">
<style> #nav{ background-image:linear-gradient(to
right,violet,aqua,violet);
}
#icon{
padding-left:20px;
}
#over{
background-color:Orange;
}
#bgimg{
background-image:url(img.jpg);
}
#icons{
padding-left:300px;
}
#img{
padding-left:95px;
}
}
#nav{
background-color:#F0E68C;;
}
#one{
padding-left:300px; padding-
top:25px;
```

```
}  
#two{  
    padding-top:25px;  
}  
#availability{  
    padding-top:100px;  
}  
#three{  
    height:500px;  
}  
#quote{  
    padding-top:180px;    padding-  
left:180px;  
}  
#reserve{  
    padding-top: 18px;  
}  
#feed{  
    padding-top:50px;    padding-  
left:50px;  
}  
#feedback{    background-image:linear-gradient(to  
left,peachpuff,palegoldenrod);  
}  
#acco{
```

```

padding-top:200px;

padding-left:50px;
}
#avail{

padding-top:150px;

}
#see{
background-color:peachpuff;
}

</style>
</head>
<body>
<div class="container">

    <nav id="nav" class="navbar navbar-expand-lg fixed-top">
        <ul class="navbar-nav">
            <li class="nav-item ">

                <a href="#" id="img" class="nav-link"></a>

            </li>
            <li class="nav-item ">

                <a href="#" class="nav-link text-dark"><i><h3>Food
Paradise</h3></i></a>

            </li>
            <li>

                <a href="home.html" id="one" class="nav-link text-dark"><i class="fa fa-fw fa-
home"></i>Home</a>

            </li>
            <li>

```

```

    <a href="menu.html" id="two" class="nav-link text-dark" role="button">Menu</a>

        </li>

    <li>

        <a href="about.html" id="two" class="nav-link text-dark"><i class="fa fa-fw fa-
users"></i>About</a>

            </li>

        <li>

            <a href="contact.html" id="two" class="nav-link text-dark"><i class="fa fa-fw fa-
phone"></i>Contact</a>

                </li>

            <li>

                <a href="reserve.html" id="reserve" class="nav-link text-
dark"><button class="btn btn-outline-primary">Reserve Table</button></a>

                    </li>

            <li>

                <a href="index.html" id="two" class="nav-link text-dark"><i class="fa fa-fw fa-
user"></i>Logout</a>

                    </li>

        </ul>

    </nav>

</div>

<div class="container-fluid">

    <div class="row">

        <div class="col-md-6">

        </div>

        <div class="col">

            <h1 id="quote" style="font-family:Verdana" class="text-light"><font
size="30">Food is an <br> Experience to be <br> Explored and Enjoyed...! </h1></font>

        </div>

```

</div>

<center><h1>Why Choose Us...?</h1></center>

<div class="container">

<div class="row">

<div class="col-md-4">

<button class="btn btn-outline-info text-dark"><div class="cards">

<center><div class="card-brand"></div></center>

<div class="card-brand"><center><h3>Delicious
Food</h3></center></div>

<div class="card-body">Provides tasty food for breakfast, lunch and
dinner of very good quality on daily basis..Get Fresh And Tasty Food Delivered To You.Once you try it,
you will love it. Fun,Fast,Tasty,Delicious Food that makes you happy. Wake up your taste
buds!...</div>

</div></button>

</div>

<div class="col-md-4">

<button class="btn btn-outline-info text-dark"><div class="cards">

<div class="card-brand"></div>

<center><div class="card-
brand"><h3>Menu(Price+Offerings)</h3></div></center>

<div class="card-body">he discounts and coupons offered by us are
another reason why people prefer us.Along with the Reasonable Prices And Offers, we provide
quality food which is worthy!.Regular customers have a chance of getting special rewards or services
during special events!!...</div>

</div></button>

</div>

<div class="col-md-4">

<button class="btn btn-outline-info text-dark"><div class="cards">

<center><div class="card-brand"></div>
</center>

<div class="card-brand"><center><h3>Quality
Service</h3></center></div>

<div class="card-body"><center>Excellent customer service is an

inherent trait of our successful restaurant business.Customer service constitutes the entire customer experience.We Maintain Hygiene in our Restaurant. providing efficient, quick, and friendly service to customers.Along with this food delivery is done with in the time..</center></div>

</div></button>

</div>

</div>

</div>

<div class="container">

<h1>IMAGE GALLERY</h1>

<div class="row">

<div class="col-12">

</div>

<div class="row mt-2">

<div class="col-12">

</div>

</div>

</div>

</div>

<div id="feedback" class="container">

<center><h1>FeedBack</h1></center>


```

<div class="row">

    <div class="col-md-4">

        <div class="card">

            <div class="card-brand">

                <h3 id="feed"><i class="fa fa-fw fa-
quoteleft"></i>Martin</h3>

                <div class="card-body">One of the finest restaurant with great experience.Wishing to visit again
and again.

            </div>

        </div>

    </div>

</div>

<div class="col-md-4">

    <div class="card">

        <div class="card-brand">

            <h3 id="feed"><i class="fa fa-fw fa-quoteleft"></i>Jenny</h3>

            <div class="card-body">Good quality and
Very delicious recepies.Quick Door step deliveries.

        </div>

    </div>

</div>

</div>

<div class="col-md-4">

    <div class="card">

        <div class="card-brand">

            <h3 id="feed"><i class="fa fa-fw fa-
quoteleft"></i>Charles</h3>

            <div class="card-body"><h3><i></i></h3>I really
loved the aesthetics of restaurant .very peaceful atmosphere with friendly customer service.

```



```
</div>

</div>

</div>

</div><br>

<div class="row">

  <div class="col-md-4">

    <div class="card">

      <div class="card-brand">

        <h3 id="feed"><i class="fa fa-fw fa-
quoteleft"></i>lucifer</h3>

        <div class="card-body">Many categories to
choose with great recipes.loved the taste.tried new dishes out of culture which feels very awesome..

      </div>

    </div>

  </div>

</div>

</div>

</div>

<div class="col-md-4">

  <div class="card">

    <div class="card-brand">

      <h3 id="feed"><i class="fa fa-fw fa-
quoteleft"></i>Robert</h3>

      <div class="card-body">

        You can find Your favourite items at very reasonable prices.I Highly recommend you to go
through this.

      </div>

    </div>

  </div>

</div>

</div>
```

```

<div class="col-md-4">
    <div class="card">
        <div class="card-brand">
            <h3 id="feed"><i class="fa fa-fw fa-quote-left"></i>Ava</h3>
            <div class="card-body">
                Good customer services . each item having
its unique taste. better place to spend quality time, which fills your stomach.
            </div>
        </div>
    </div>
</div>

<div>
    <br><br>
</div>
<br><br><br><br><br><br><br><br>
<div class="footer">
    <div id="nav" class="container-fluid fixed-bottom">
        <div class="row">
            <div class="col-md-6">
                <a href="#" class="text-dark" id="icon"><i class="fa fa-fw faphone"></i><label>+91
9515830281</label></a>
                <a href="#" class="text-dark" id="icon"><i class="fa fa-fw fa-paper-plane"
></i><label>foodparadise@gmail.com</label></a>
            </div>
            <div class="col-md-6">
                <div class="social-media">
                    <a href="#" class="text-dark" id="icons"><i class="fa fa-fw
fafacebook"></i></a>
                    <a href="#" class="text-dark"><i class="fa fa-fw fa-twitter"></i></a>
                    <a href="#" class="text-dark"><i class="fa fa-fw fainstagram"></i></a>

```


DATABASE CONNECTION:

```
<?php

$connection=mysqli_connect("localhost","root","","Food"); if
(isset($_POST['submit'])) {

    if (!empty($_POST['uname']) && !empty($_POST['email']) && !empty($_POST['pass']) &&
!empty($_POST['pwd'])) {

        $name=$_POST['uname'];

        $email=$_POST['email'];

        $password=$_POST['pass'];

        $cpass=$_POST['pwd'];

        $query="insert into signin values('$name','$email','$password','$cpass)";

        $run=mysqli_query($connection,$query);

        if ($run) {

            echo "Recorded";

            echo "click here to redirect to our website<br><a href='home.html'>Visit</a>";

        }

    }

}

$query2="SELECT *FROM signin;";

$check=mysqli_query($connection,$query2); if(mysqli_num_rows($check))

{

    while ($row=mysqli_fetch_assoc($check))

    {

        echo $row['username']." ".$row['email']." ".$row['password']." ".$row['confirmpassword']."<br>";

    }

}

else

{

    echo "error".mysqli_error($connection);

}

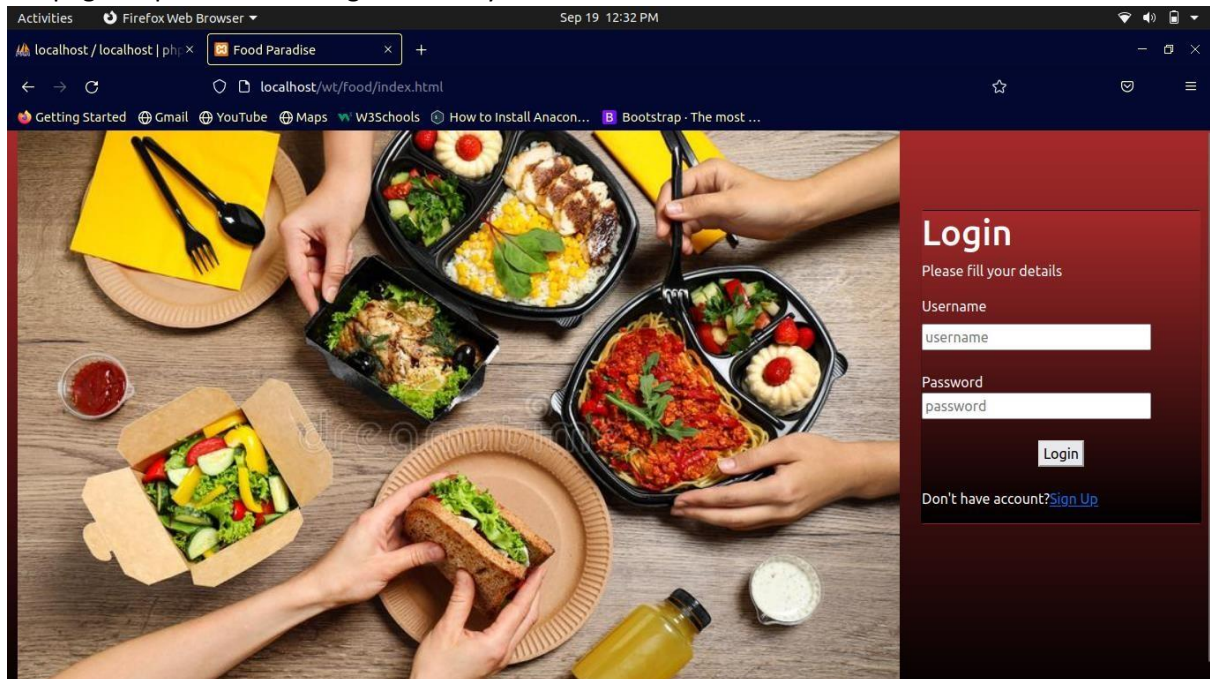
?>
```

Modules:

The main aim of this project is to help any restaurant to provide a facility to deliver their food products through online.

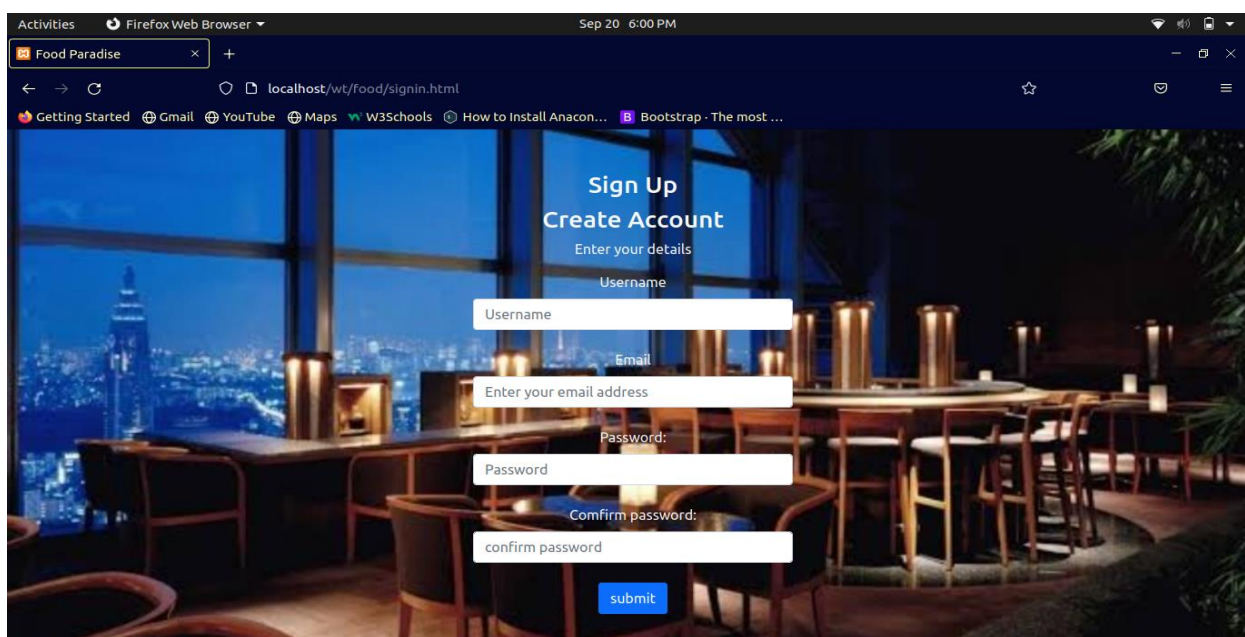
Login page:

This page helps the user to log in to the system



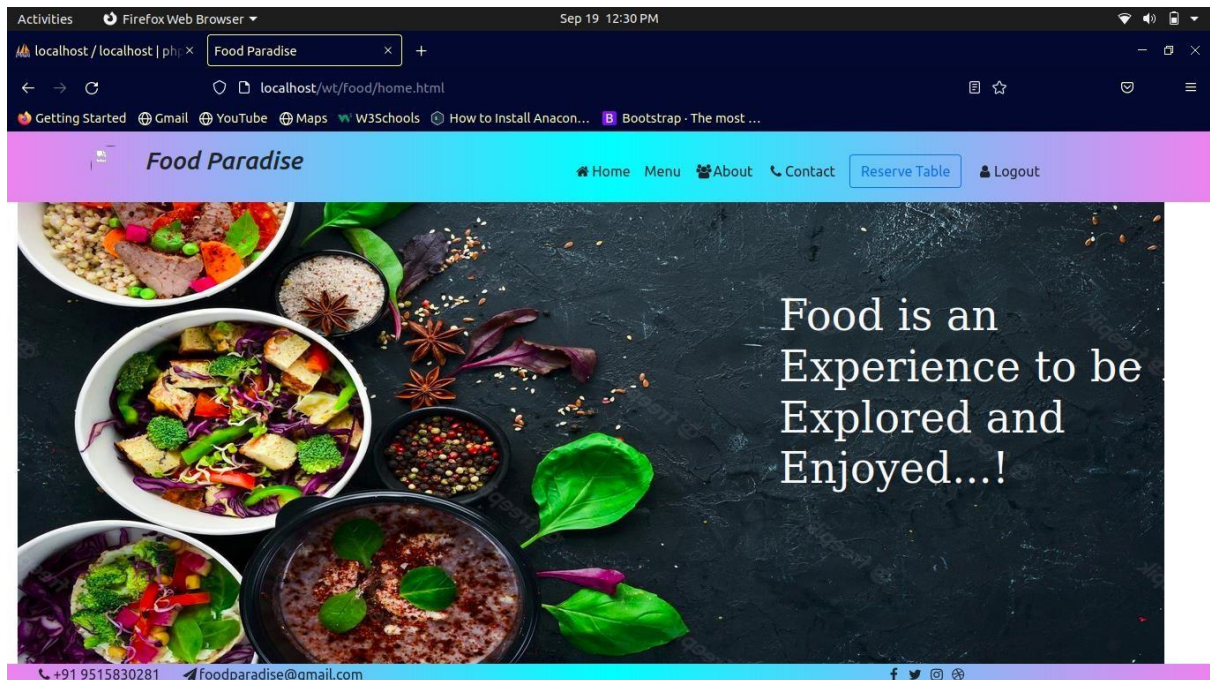
Signup page:

This is the page where user can do sign up process, if the user is new to the website.



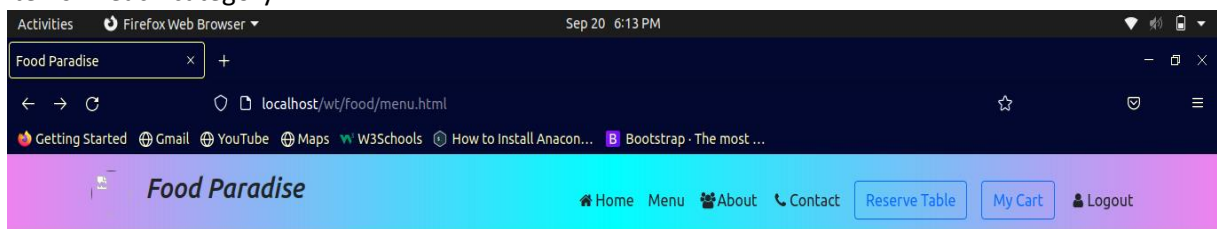
Home page:

This page contains all the navigation steps of the website and add to cart module.



Menu page:

This page shows all the categories of different food items. We can explore through different food items in each category.

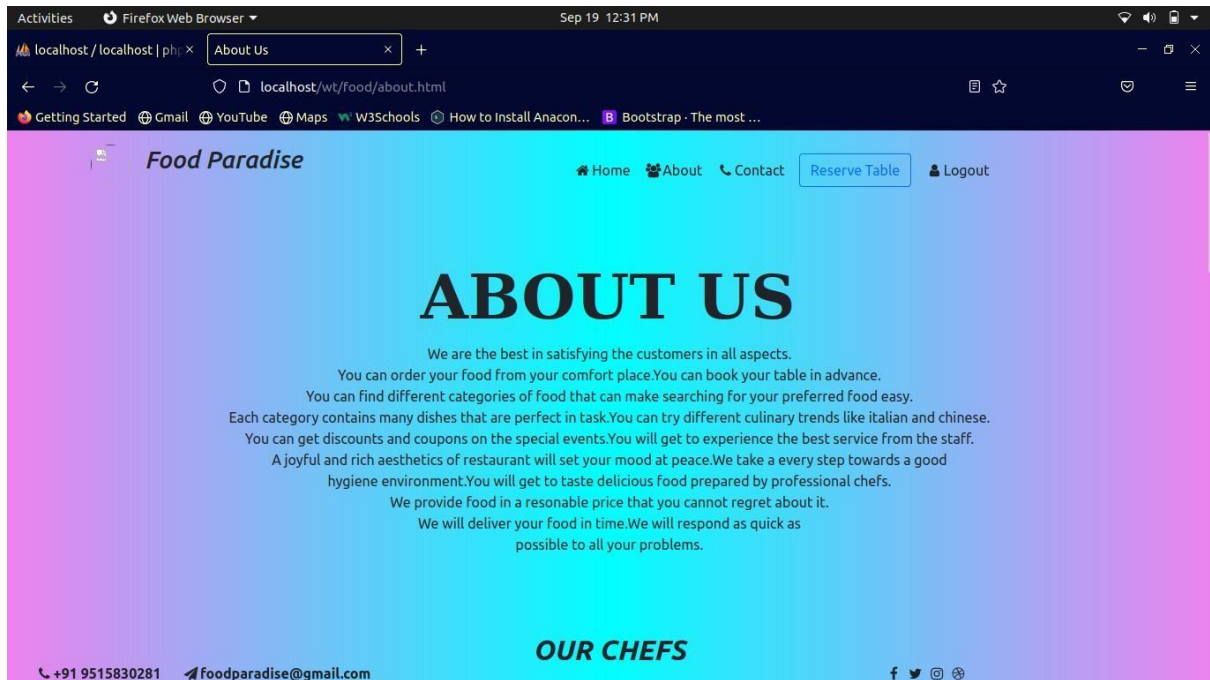


DISCOVER YOUR TASTE



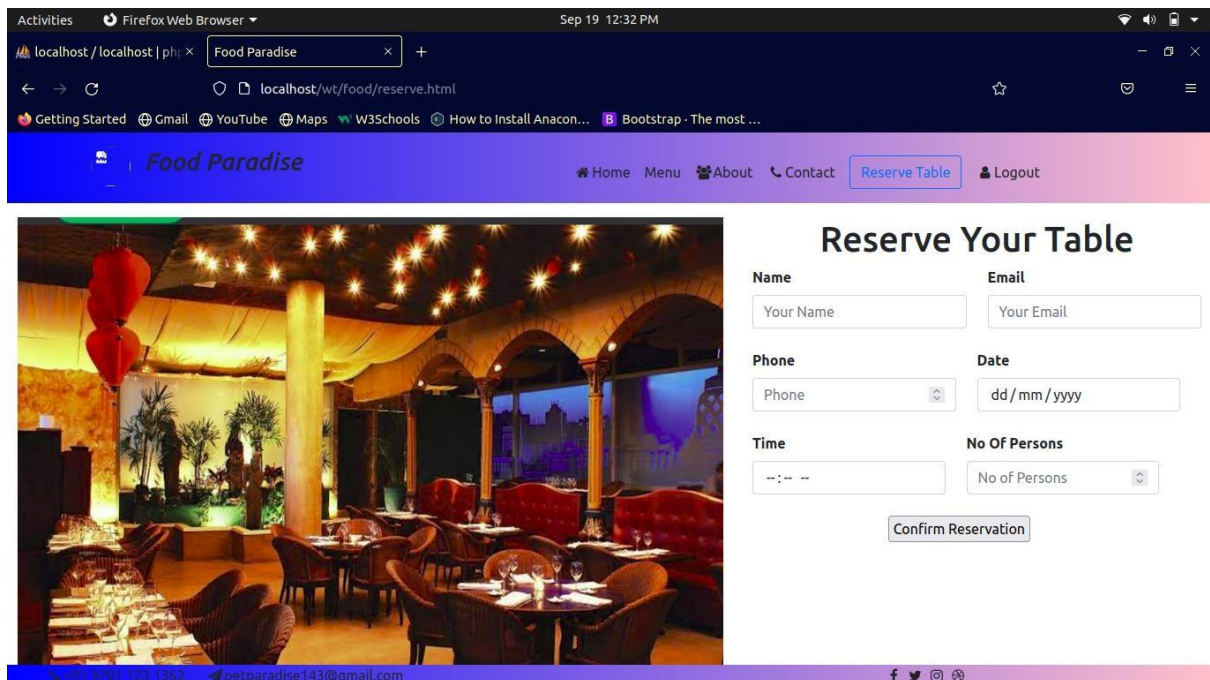
ABOUT US:

This page consists of the details of the restaurant to present about them to user



RESERVE TABLE:

This page consists of all the steps to reserve a table in the restaurant



MY CART:

S.NO	ITEM NAME	ITEM PRICE	QUANTITY	
1	Noodles	150	2	REMOVE
2	Burger	200	1	REMOVE
3	Fresh Fries	175	1	REMOVE

Total
525
☐ Cash On Delivery
Place Order

+91 9515830281 foodparadise@gmail.com

REFERENCES:

WWW.w3schools.com

CONCLUSION:

With online food ordering system, restaurant and mess menu online can be set-up and customers can easily place order.

Also with a food menu online, it maintains customer's database and improves food delivery service.

Overall we have created a website in focus of a future food ordering system; this website will be helpful to many people.