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MIT WORLD PEACE UNIVERSITY | PUNE
TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS

Mini Project Report on

Online Food Ordering System

Submitted by

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Under the guidance of

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At

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MIT-WPU
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SCHOOL OF COMPUTER ENGINEERING AND TECHNOLOGY

CERTIFICATE

This is to certify that

1032190705 -Zeeshan Mujawar (PA18)
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1032190930-Shreyanshu Mane (PA30)
1032191356-Ritvik Mittal (PA35)

of T. Y. B. Tech. successfully completed Mini Project in

Online Food Ordering System

to my satisfaction and submitted the same during **Trimester VII, Academic Year 2021-22** as part of **Database Management System** course.

Prof. Vasundhara Ghate
Course Teacher

Prof. Vrushali Kulkarni
Head of School

Place: SCET, MIT-WPU, Pune
Date: 09-10-2021

ABSTRACT

In the wake of Covid 19 pandemic, as most of the people were forced to stay at home, the whole online food and goods ordering platform saw a very high surge in usage as people were forced to order these essential items to be delivered to their doorsteps. Thus, this system is of the highest relevance in view of the current situation. The main objective of the Online Food Ordering System is to manage the details of restaurants, food, delivery address, orders, and customers. It manages all the information about restaurants, food, delivery address, orders, and customers. The project is built at customer- end as well as administrative-end and thus only the administrator is guaranteed the required access to the menu whereas the customer can only view the menu and place an order.

Table of Contents

1: Introduction

The project Online Food Ordering System is a web-based application that allows the administrator to handle all the addition and removal of menus and restaurants on the system whereas the customer can view and select the food from their favorite restaurant that they wish to order and be delivered to their home addresses.

Motivation:

In the wake of Covid 19 pandemic, as most of the people were forced to stay at home, the whole online food and goods ordering platform saw a very high surge in usage as people were forced to order these essential items to be delivered to their doorsteps. Thus, this system is of the highest relevance in view of the current situation.

Objectives:

Our objective is to provide a seamless platform to the customer, where they can see all the restaurants from which they can get their food delivered, look at their menus and choose the food they want and request it to be delivered at their homes. The restaurant managers need the authorization to make changes to the menu as and when needed on the platform.

2: Problem Definition

The Online Food Ordering System deals with placing orders of food from various restaurants. This system involves the following functionalities:

- Customers see all the restaurants from which they can get their food delivered, look at their menus and choose the food they want and request it to be delivered at their homes.
- The restaurant managers have the authorization to make changes to the menu as and when needed on the platform.

3: Technologies Used

- Server: Apache 2.4.4
- Front-end: HTML,CSS,JS
- Server Side: PHP
- Database: MySQL
- VS Code
- Platform: Windows 10

We have used XAMPP 1.8.2 which is a free and Open-Source Cross-Platform Web Server Solution Stack. It comes with Apache Web Server, MySQL Database, PHP, and Perl Programming Languages.

A couple of advantages of using XAMPP for development are: 1. You can start and stop the whole web server + database stack with one command. 2. XAMPP is portable so you can carry it around on a thumb drive. 3. The security settings are strict by default, nobody but you will be able to access the web server. 4. PHP error reporting is enabled by default, which helps when debugging scripts. 5. Easy to install.

Apache Server

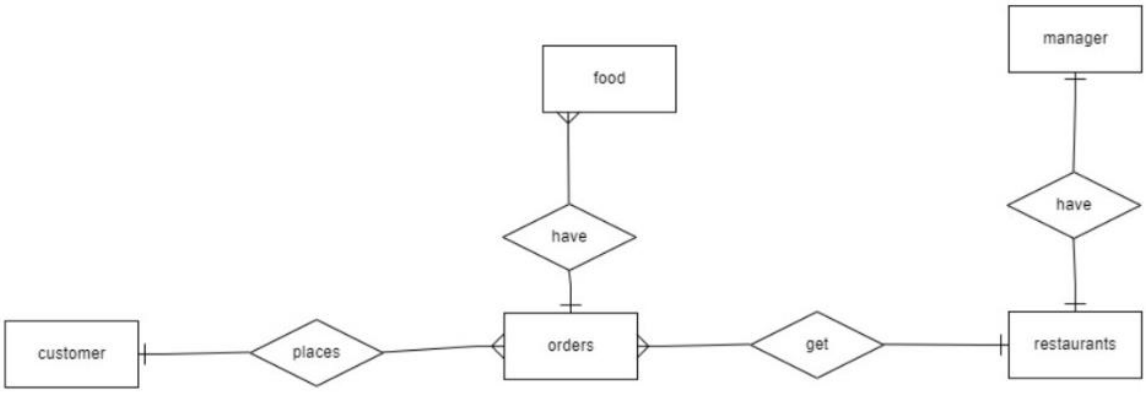
Web server Apache is an open-source server application. There are a lot of benefits and advantages that are provided from the server. Numerous features like the openness, extensibility, portability, and flexibility of Apache server provide advantages to administrator leading to higher efficiency and utility.

MySQL

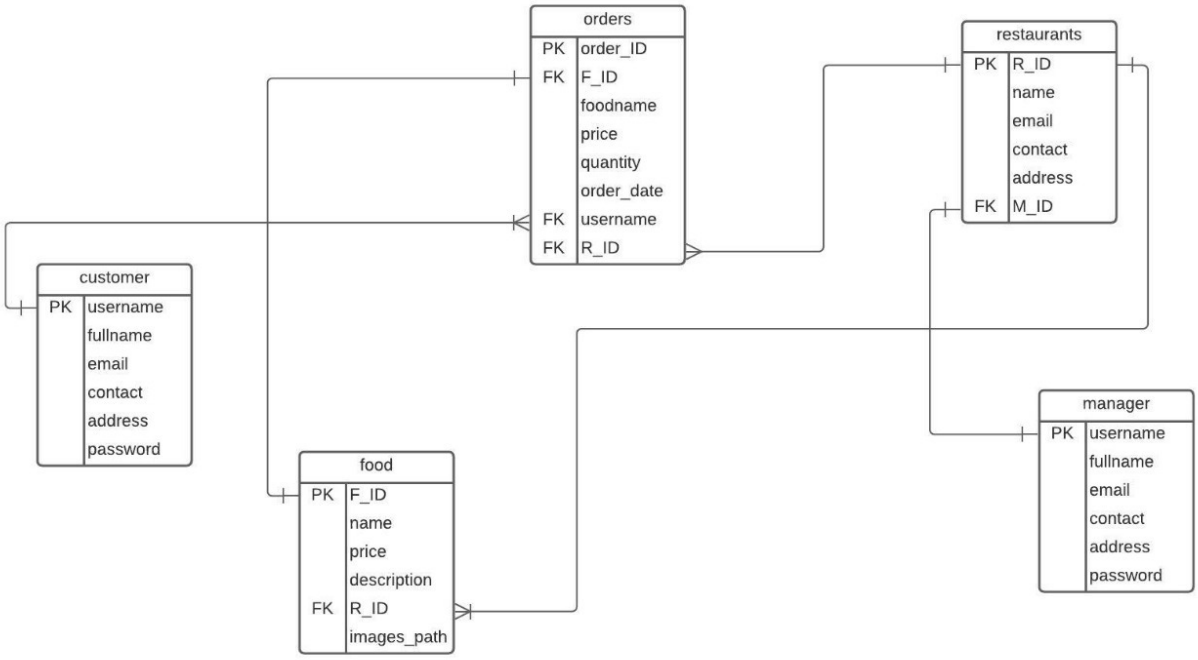
MySQL is easy to use, yet extremely powerful, secure, and scalable. And because of its small size and speed, it is the ideal database solution for Web sites. Some of its advantages include the following:

1. It's easy to use: While a basic knowledge of SQL is required—and most relational databases require the same knowledge—MySQL is very easy to use. With only a few simple SQL statements, you can build and interact with MySQL.
2. It's secure: MySQL includes solid data security layers that protect sensitive data from intruders. Rights can be set to allow some or all privileges to individuals. Passwords are encrypted.
3. It's inexpensive: MySQL is available by free download from MySQL Web site.
4. It's fast: In the interest of speed, MySQL designers made the decision to offer fewer features than other major database competitors, such as Sybase* and Oracle*. However, despite having fewer features than the other commercial database products, MySQL still offers all of the features required by most database developers.
5. It's scalable: MySQL can handle almost any amount of data, up to as much as 50 million rows or more. The default file size limit is about 4 GB. However, you can increase this number to a theoretical limit of 8 TB of data.

4: Database Design (ERD Diagram)



5: Database Schema Diagram



6: DDL/DML/DCL

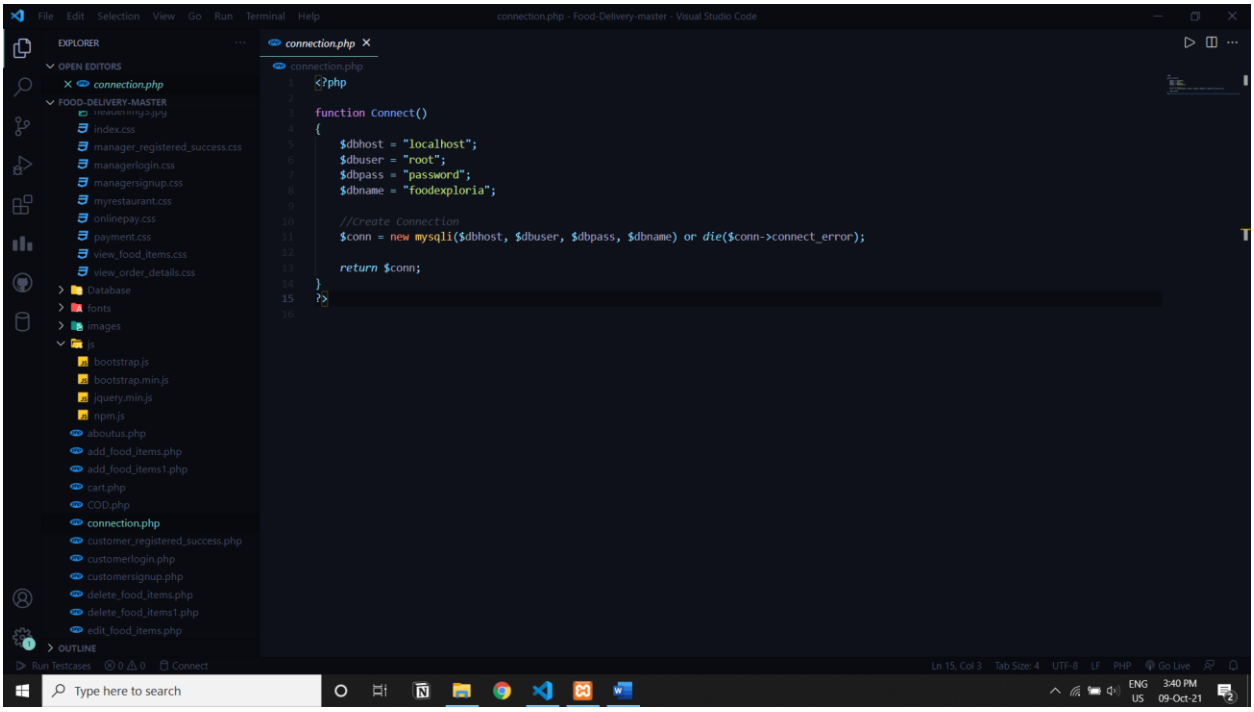
```
DROP TABLE IF EXISTS customer;
CREATE TABLE Customer(
username VARCHAR(30),
fullname VARCHAR(30),
email VARCHAR(30),
contact varchar(30),
address VARCHAR(50),
password VARCHAR(30),
PRIMARY KEY(username)
);

DROP TABLE IF EXISTS manager;
CREATE TABLE manager(
username VARCHAR(30),
fullname VARCHAR(30),
email VARCHAR(30),
contact varchar(30),
address VARCHAR(50),
password VARCHAR(30),
PRIMARY KEY(username)
);

DROP TABLE IF EXISTS restaurants;
CREATE TABLE restarants(
R_ID INT,
name VARCHAR(30),
email VARCHAR(30),
contact VARCHAR(30),
address VARCHAR(200),
M_ID VARCHAR(30),
PRIMARY KEY(R_ID),
FOREIGN KEY (M_ID) REFERENCES manager(username) ON UPDATE CASCADE ON DELETE CASCADE
);

DROP TABLE IF EXISTS food;
CREATE TABLE food(
F_ID INT,
name VARCHAR(30),
price INT,
description VARCHAR(100),
R_ID INT,
images_path VARCHAR(200),
FOREIGN KEY (R_ID) REFERENCES restaurants(R_ID) ON UPDATE CASCADE ON DELETE CASCADE,
PRIMARY KEY(F_ID,R_ID)
);

DROP TABLE IF EXISTS orders;
```

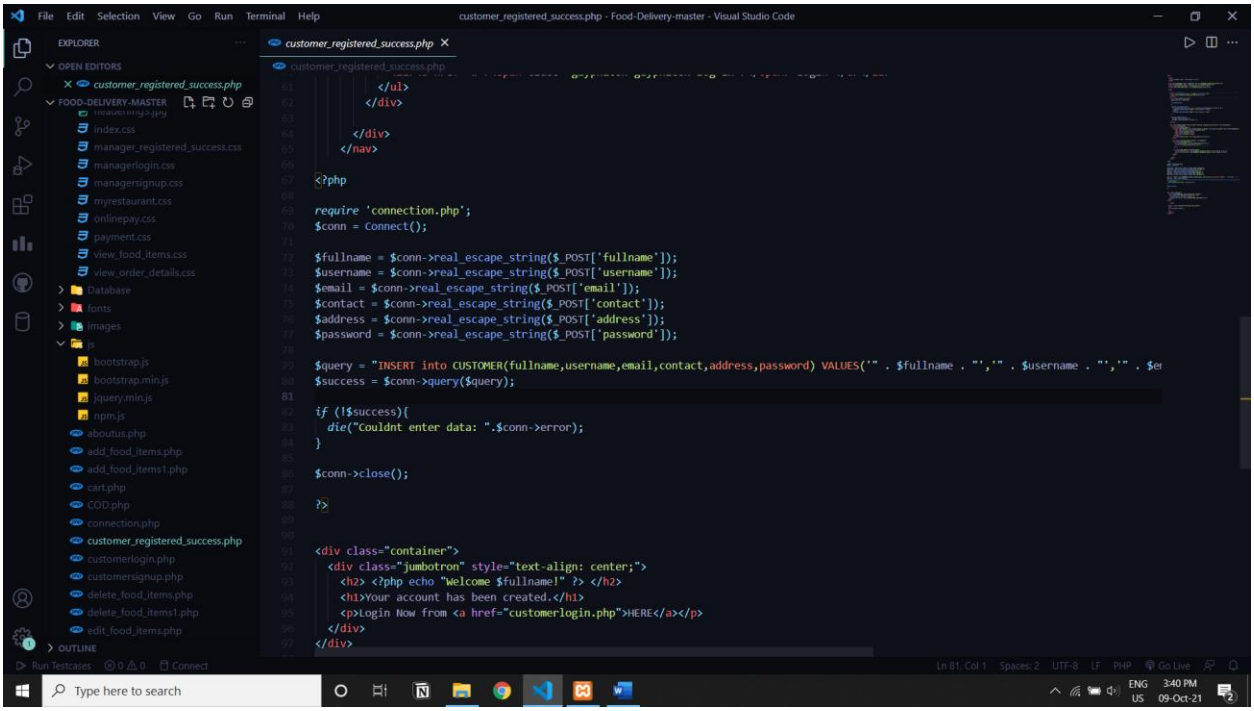
```
CREATE TABLE orders(
order_ID INT,
F_ID INT,
foodname VARCHAR(30),
price INT,
quantity INT,
order_date DATE,
username VARCHAR(30),
R_ID INT,
FOREIGN KEY (R_ID) REFERENCES restaurants(R_ID) ON UPDATE CASCADE ON DELETE CASCADE,
FOREIGN KEY (F_ID) REFERENCES food(F_ID) ON UPDATE CASCADE ON DELETE CASCADE,
FOREIGN KEY (R_ID) REFERENCES customer(username) ON UPDATE CASCADE ON DELETE CASCADE,
PRIMARY KEY(order_ID)
);

use foodexploria;
DROP TABLE IF EXISTS foodrecords;
CREATE TABLE foodrecords (
F_ID INT,
name VARCHAR(30),
price INT,
description varchar(200),
R_ID INT,
images_path VARCHAR(200)
);
```

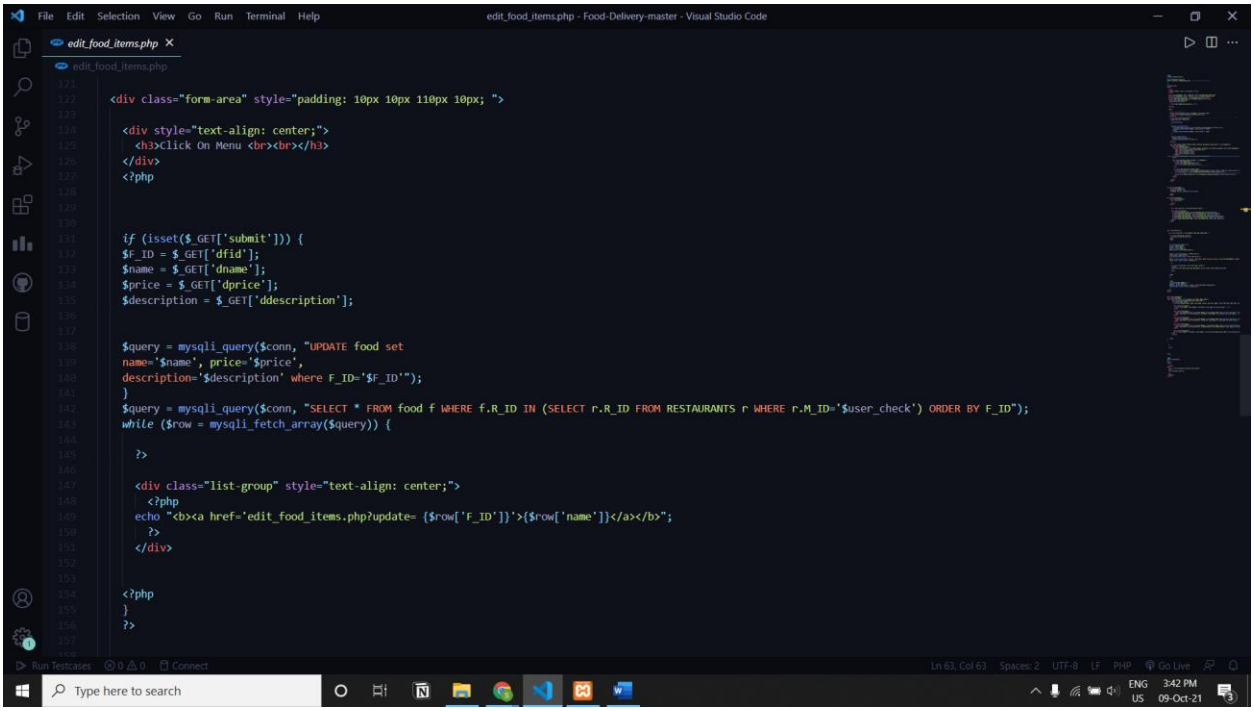
7: TRIGGERS

```
DROP TRIGGER IF EXISTS T1;
DELIMITER $
CREATE TRIGGER T1 BEFORE DELETE ON food FOR EACH ROW
BEGIN
INSERT INTO foodrecords
VALUES(OLD.F_ID,OLD.name,OLD.price,OLD.description,OLD.R_ID,OLD.images_path);
END $



DELIMITER ;
DROP TRIGGER IF EXISTS T2;
DELIMITER $
CREATE TRIGGER T2 BEFORE UPDATE ON food FOR EACH ROW
BEGIN
INSERT INTO foodrecords
VALUES(OLD.F_ID,OLD.name,OLD.price,OLD.description,OLD.R_ID,OLD.images_path);
END $
```

8: UI AND CONNECTION SCREENSHOTS






File Edit Selection View Go Run Terminal Help
edit_food_items.php - Food-Delivery-master - Visual Studio Code
edit_food_items.php

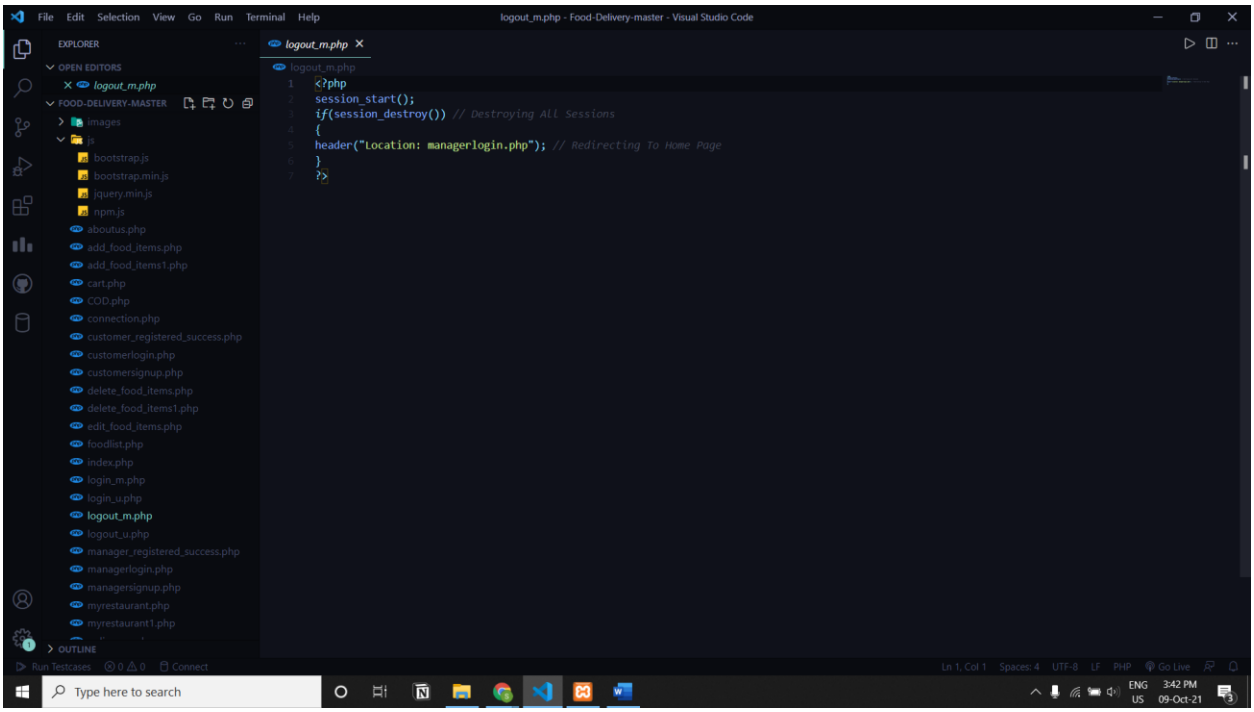
<h3>Click On Menu

</h3>

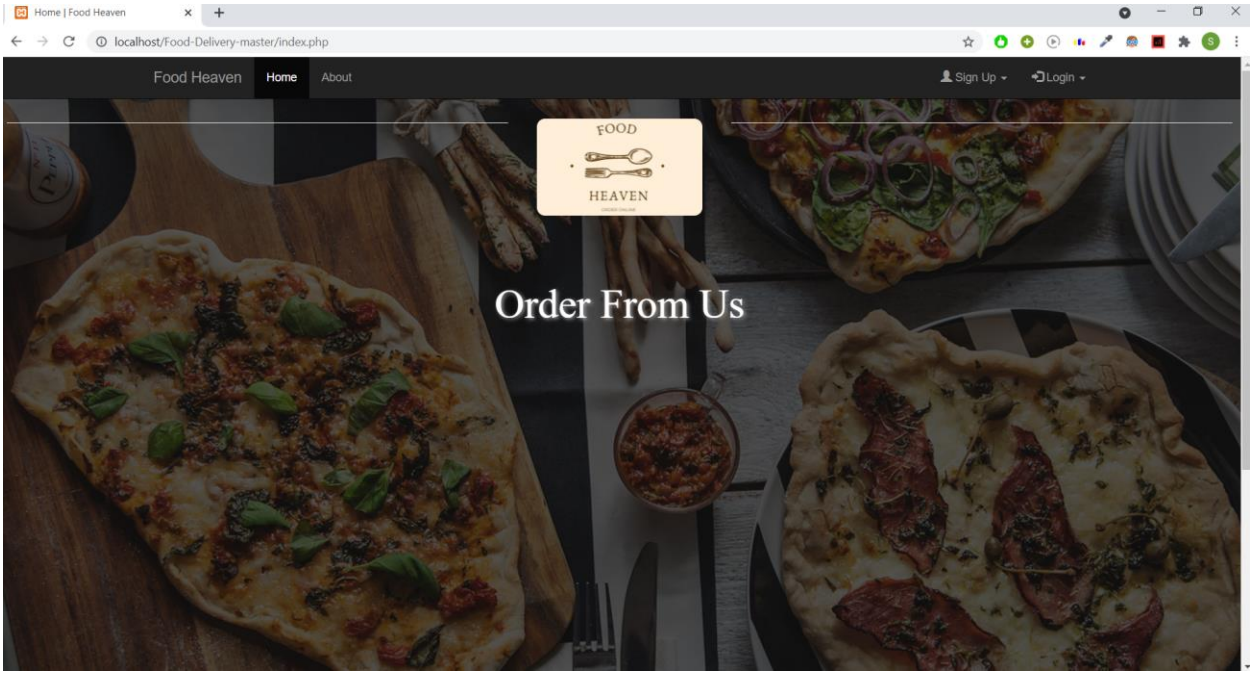
<?php
if (isset($_GET['submit'])) {
$F_ID = $_GET['dfid'];
$name = $_GET['dname'];
$price = $_GET['dprice'];
$description = $_GET['ddescription'];
$query = mysqli_query($conn, "UPDATE food set
name='$name', price='$price',
description='$description' where F_ID='$F_ID'");
}
$query = mysqli_query($conn, "SELECT * FROM food f WHERE f.R_ID IN (SELECT r.R_ID FROM RESTAURANTS r WHERE r.M_ID='$user_check') ORDER BY F_ID");
while ($row = mysqli_fetch_array($query)) {
?>

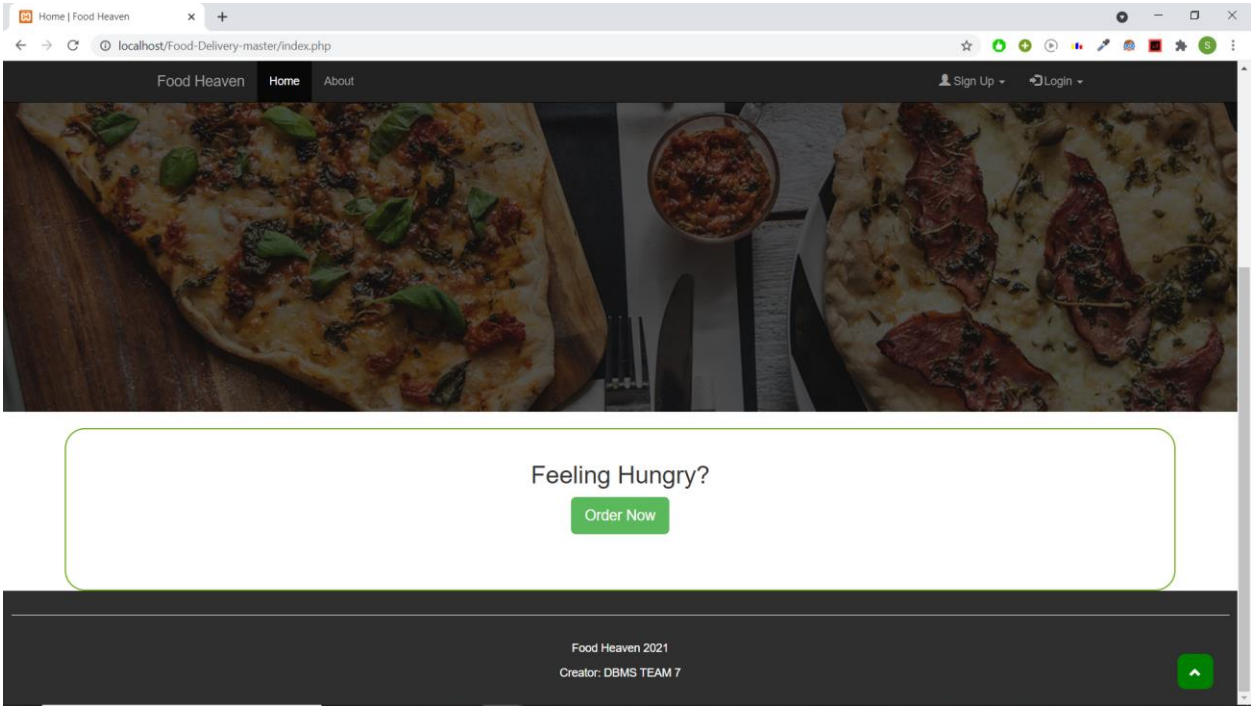
<?php
echo "{$row['name']}";
?>

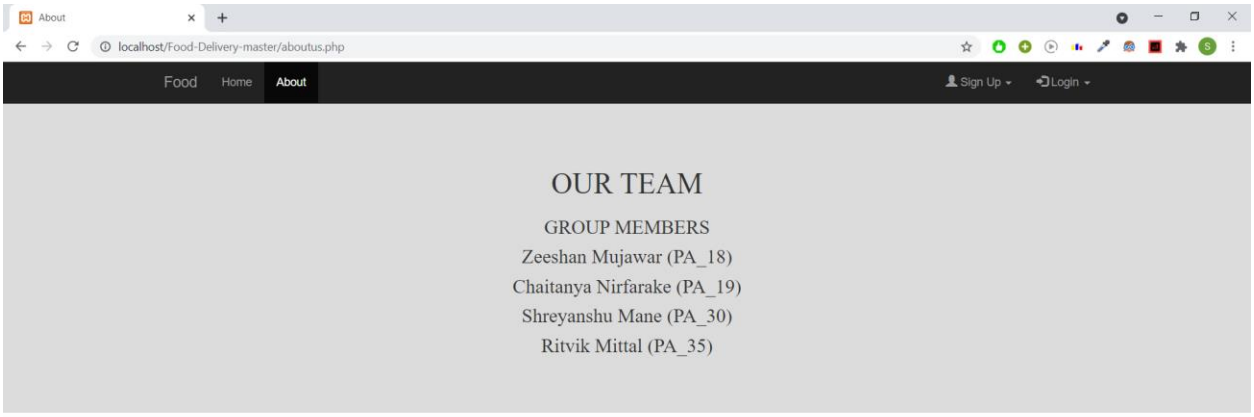
<?php
}
?>
Type here to search
ENG US 3:42 PM 09-Oct-21

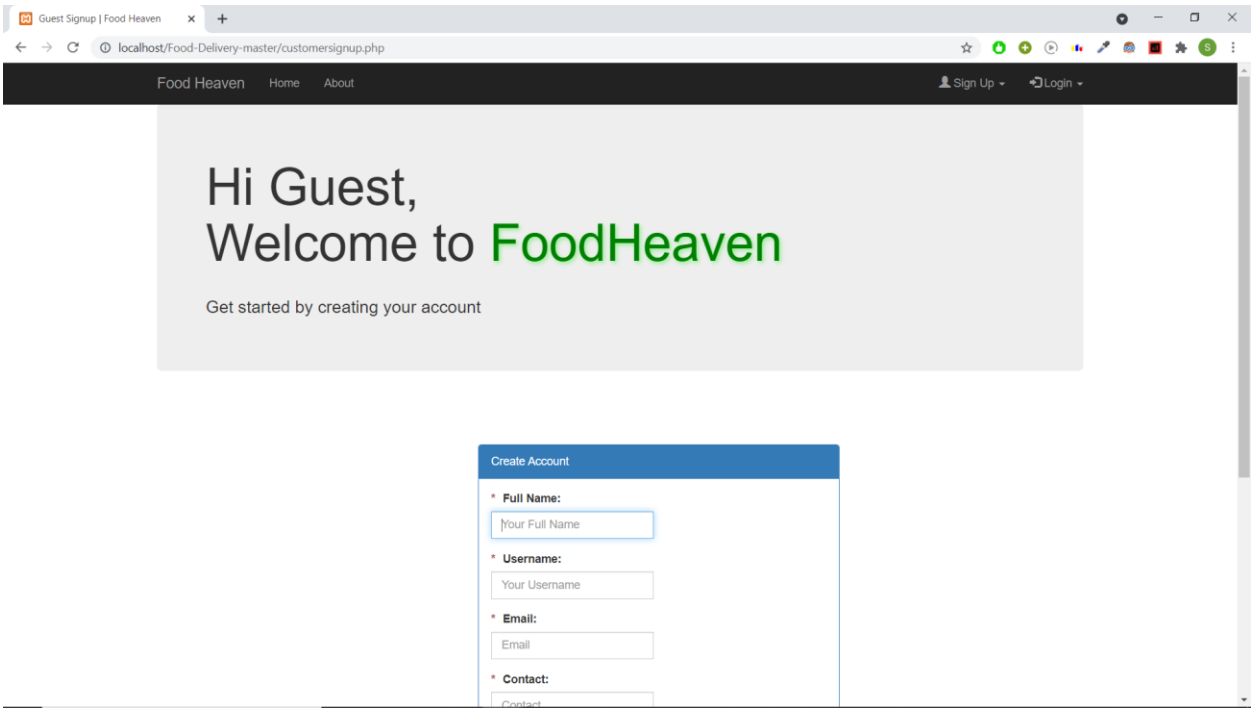

File Edit Selection View Go Run Terminal Help
logout_m.php - Food-Delivery-master - Visual Studio Code
EXPLORER
OPEN EDITORS
logout_m.php
FOOD-DELIVERY-MASTER
images
js
bootstrap.js
bootstrap.min.js
jquery.min.js
npm.js
aboutus.php
add_food_items.php
add_food_items1.php
cart.php
COD.php
connection.php
customer_registered_success.php
customerlogin.php
customersignup.php
delete_food_items.php
delete_food_items1.php
edit_food_items.php
foodlist.php
index.php
login_m.php
login_u.php
logout_m.php
logout_u.php
manager_registered_success.php
managerlogin.php
managersignup.php
myrestaurant.php
myrestaurant1.php
OUTLINE
logout_m.php
<?php
session_start();
if(session_destroy()) // Destroying All Sessions
{
header("Location: managerlogin.php"); // Redirecting To Home Page
}
?>
Type here to search
ENG US 3:42 PM 09-Oct-21

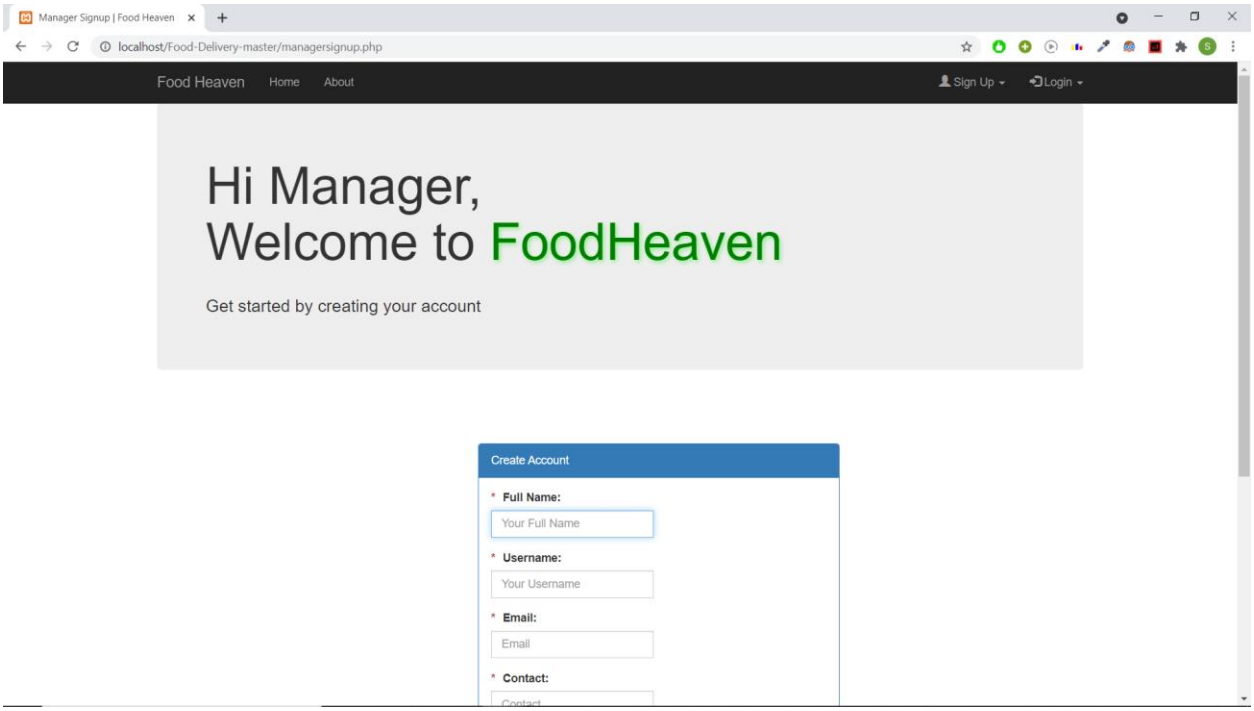
UI SCREENSHOTS:

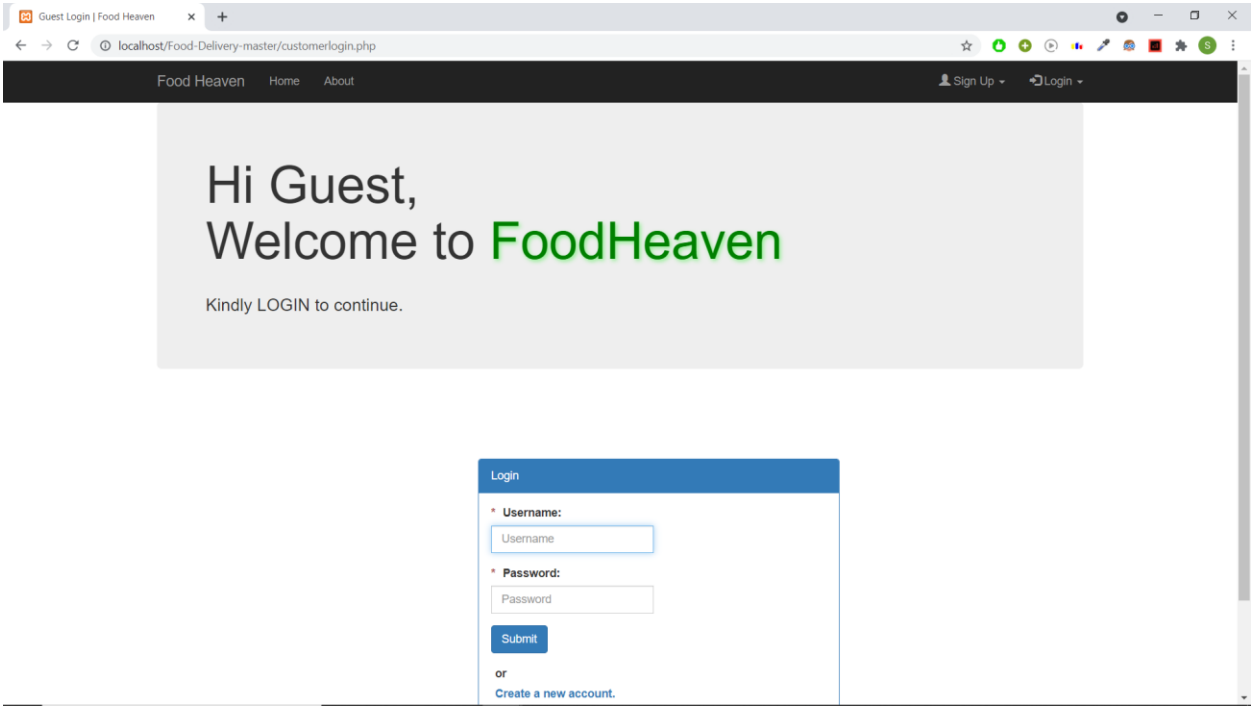


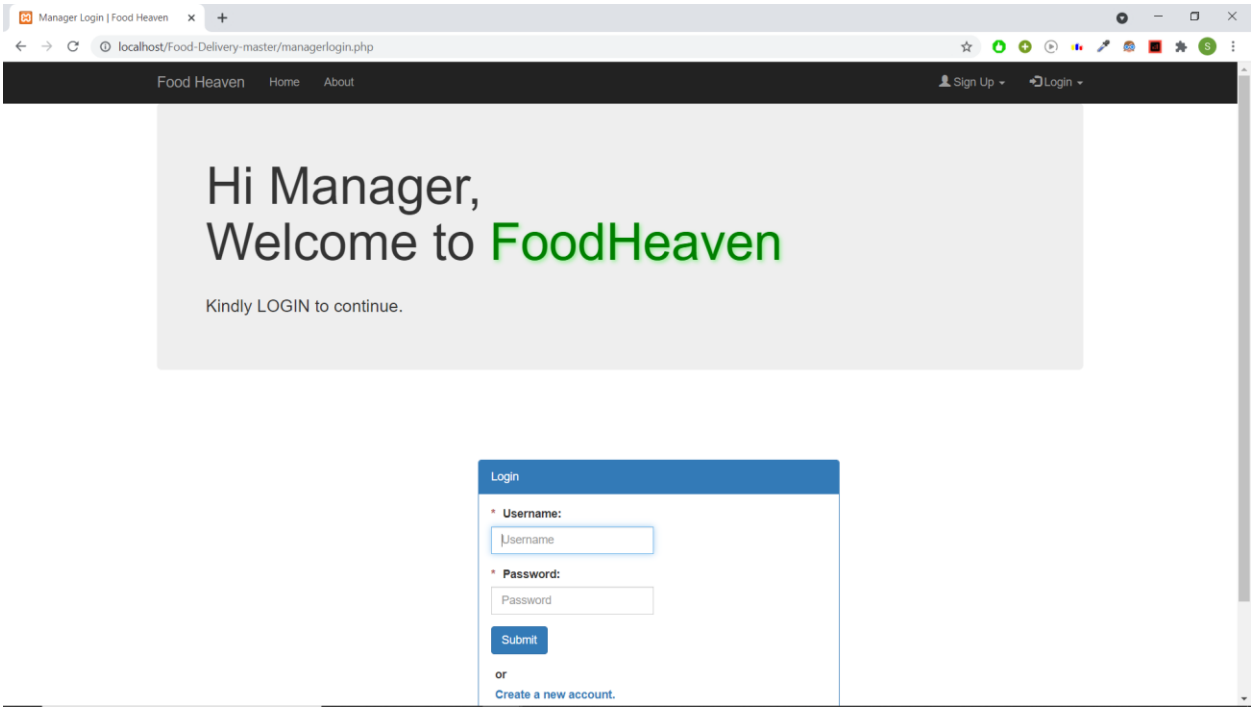


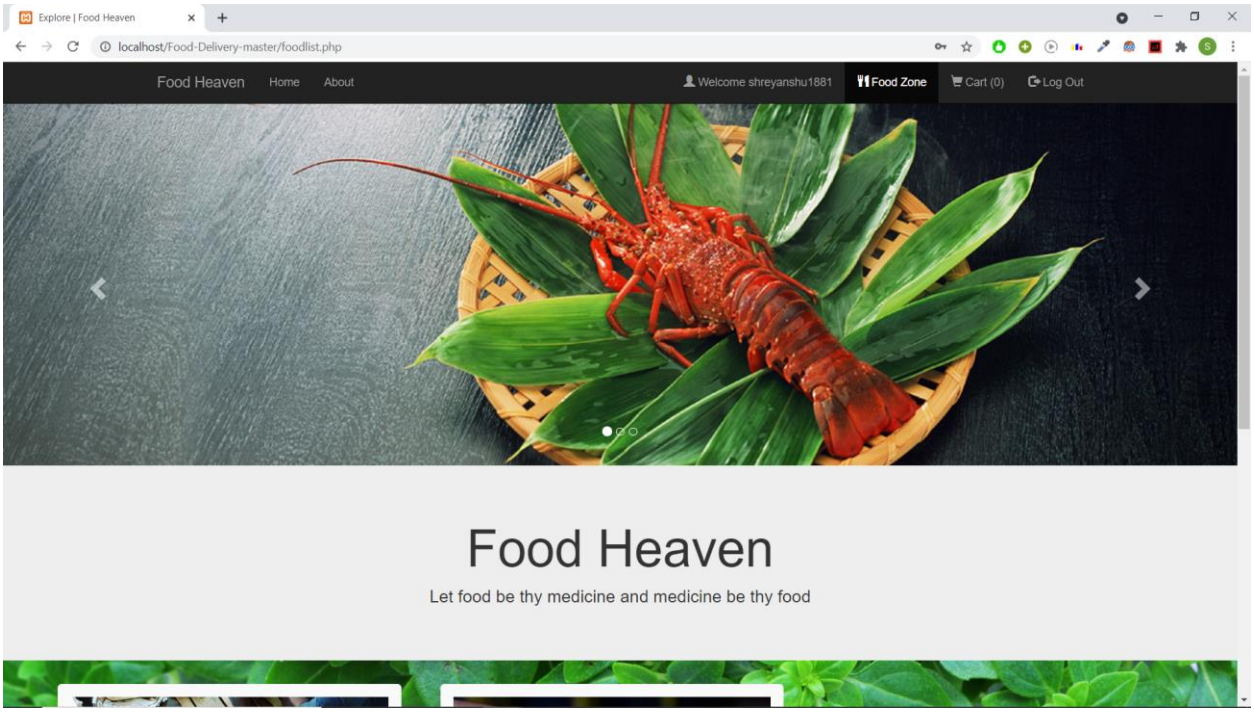

About
localhost/Food-Delivery-master/aboutus.php
Food
Home
About
Sign Up
Login
OUR TEAM
GROUP MEMBERS
Zeeshan Mujawar (PA_18)
Chaitanya Nirfarake (PA_19)
Shreyanshu Mane (PA_30)
Ritvik Mittal (PA_35)

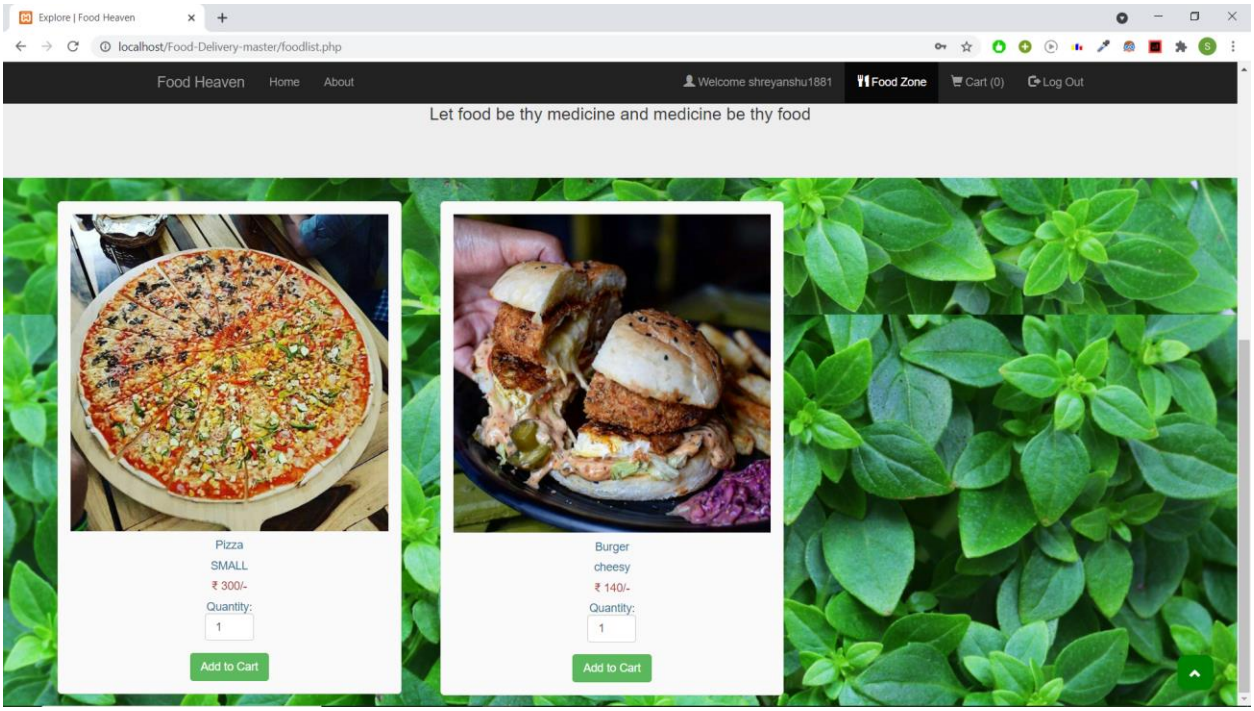

Guest Signup | Food Heaven
localhost/Food-Delivery-master/customersignup.php
Food Heaven
Home
About
Sign Up
Login
Hi Guest,
Welcome to FoodHeaven
Get started by creating your account
Create Account
* Full Name:
Your Full Name
* Username:
Your Username
* Email:
Email
* Contact:

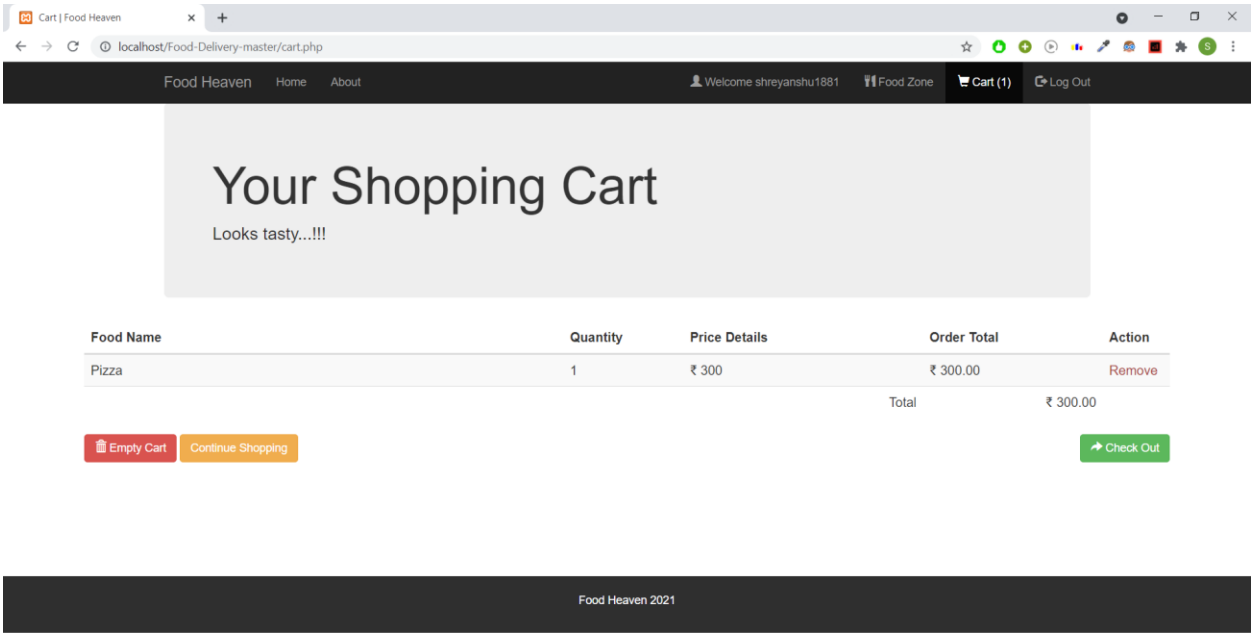

Manager Signup | Food Heaven
localhost/Food-Delivery-master/managersignup.php
Food Heaven
Home
About
Sign Up
Login
Hi Manager,
Welcome to FoodHeaven
Get started by creating your account
Create Account
* Full Name:
Your Full Name
* Username:
Your Username
* Email:
Email
* Contact:

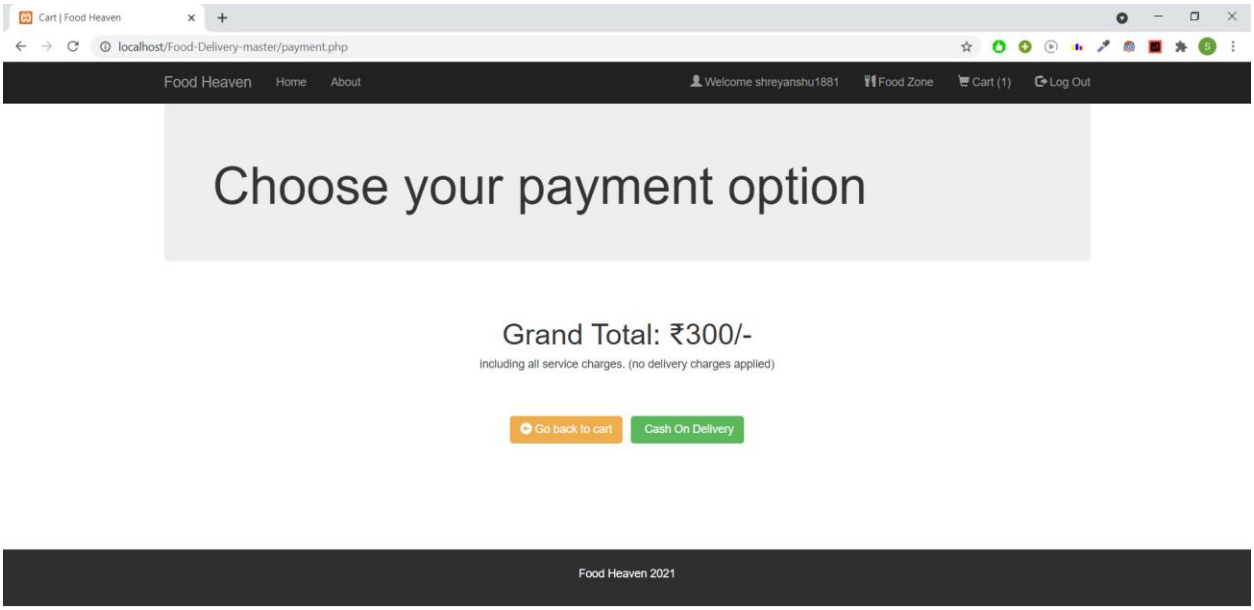

Guest Login | Food Heaven
localhost/Food-Delivery-master/customerlogin.php
Food Heaven
Home
About
Sign Up
Login
Hi Guest,
Welcome to FoodHeaven
Kindly LOGIN to continue.
Login
* Username:
Username
* Password:
Password
Submit
or
Create a new account.

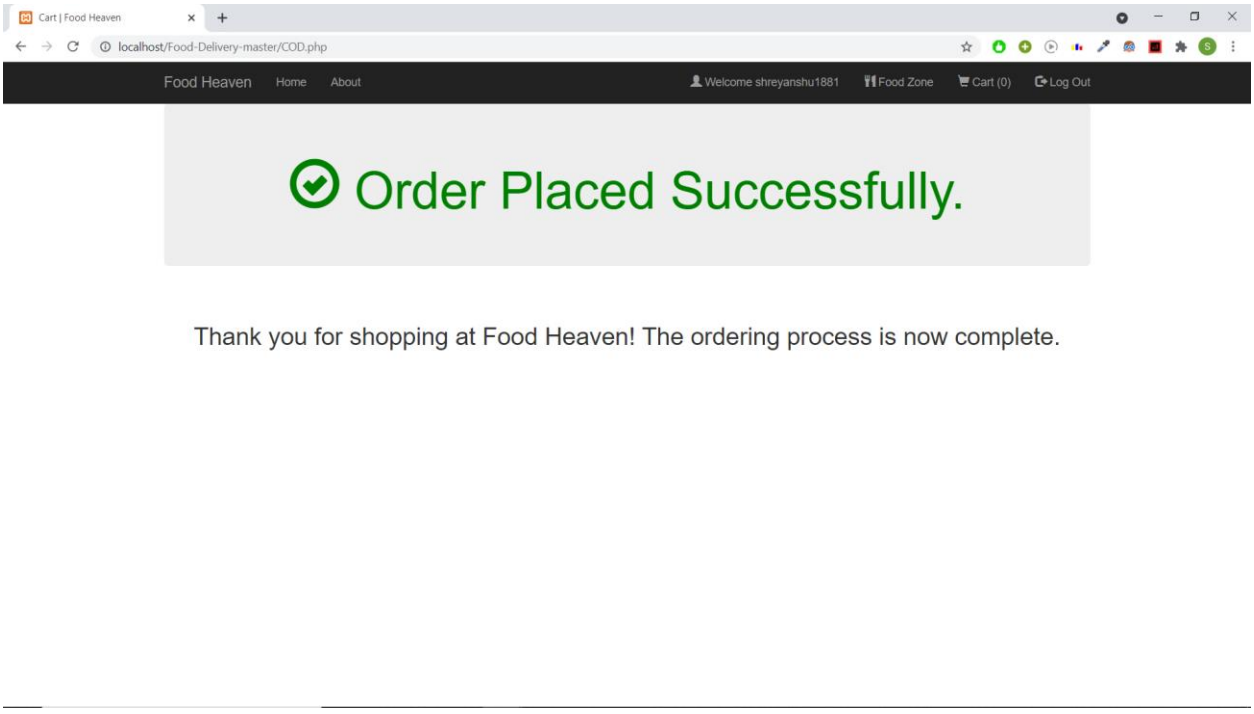

Manager Login | Food Heaven
localhost/Food-Delivery-master/managerlogin.php
Food Heaven
Home
About
Sign Up
Login
Hi Manager,
Welcome to FoodHeaven
Kindly LOGIN to continue.
Login
* Username:
Username
* Password:
Password
Submit
or
Create a new account.

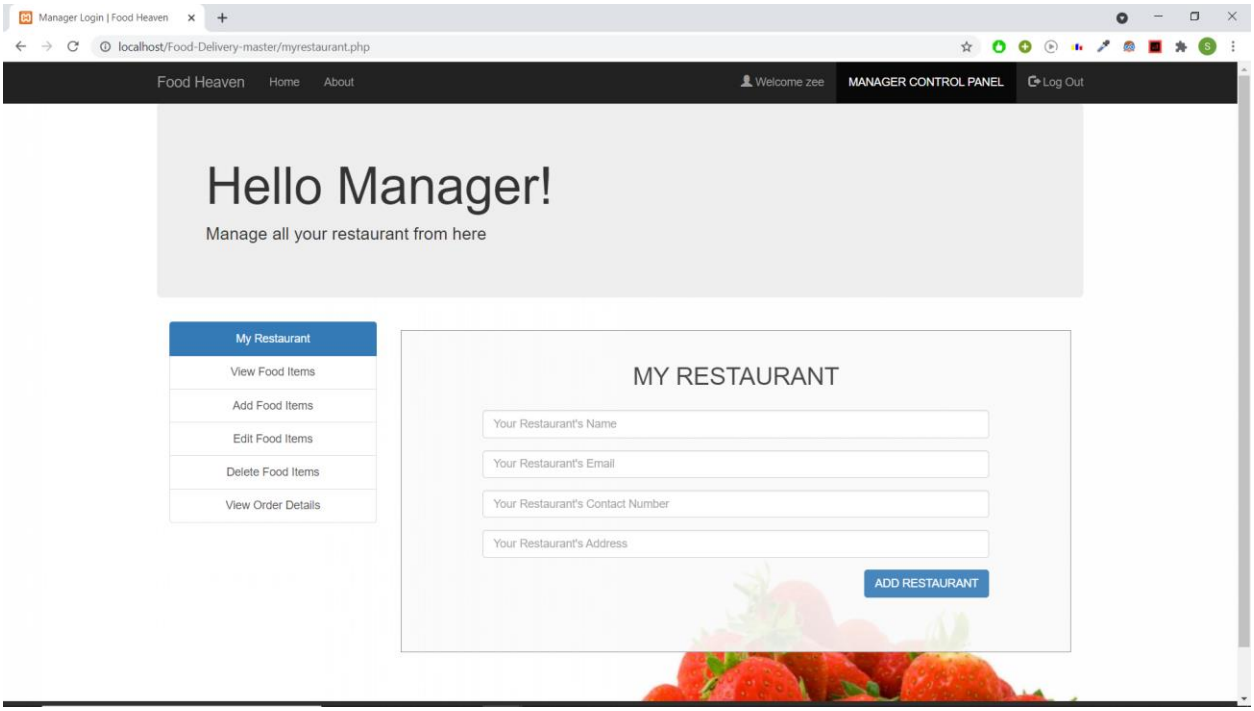

Explore | Food Heaven
localhost/Food-Delivery-master/foodlist.php
Food Heaven
Home
About
Welcome shreyanshu1881
Food Zone
Cart (0)
Log Out
Food Heaven
Let food be thy medicine and medicine be thy food

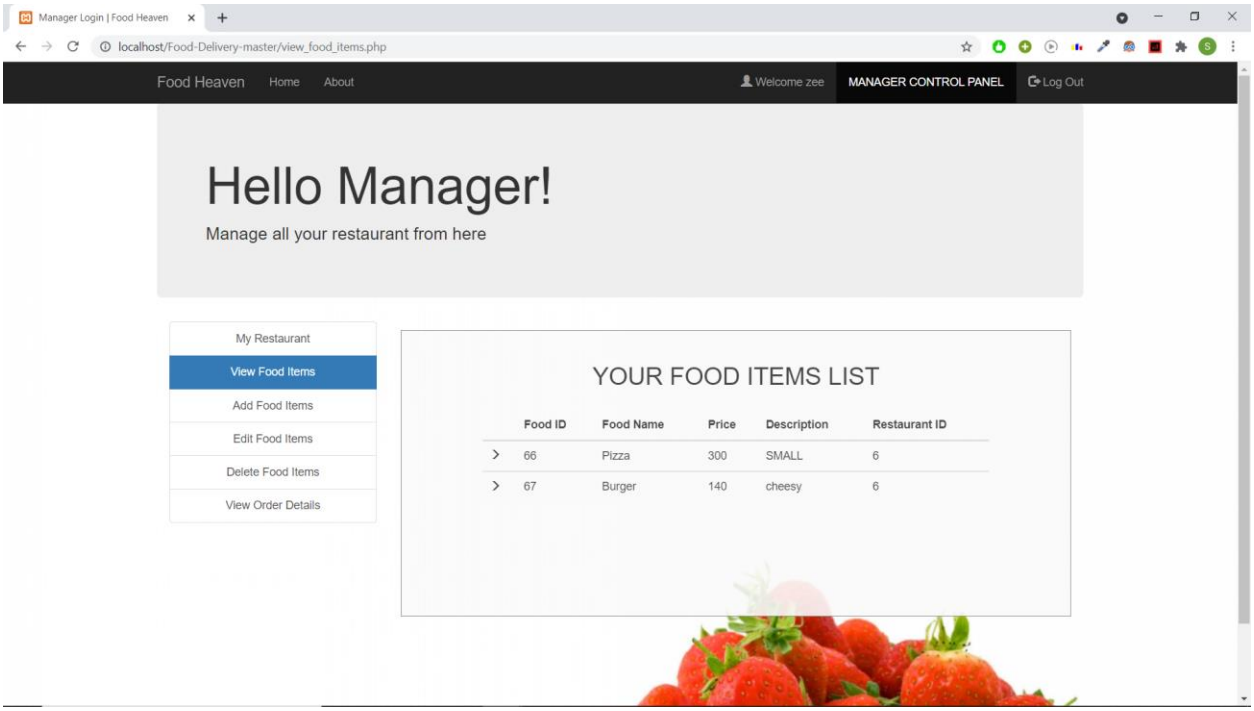

Explore | Food Heaven
localhost/Food-Delivery-master/foodlist.php
Food Heaven
Home
About
Welcome shreyanshu1881
Food Zone
Cart (0)
Log Out
Let food be thy medicine and medicine be thy food
Pizza
SMALL
₹ 300/-
Quantity:
1
Add to Cart
Burger
cheesy
₹ 140/-
Quantity:
1
Add to Cart

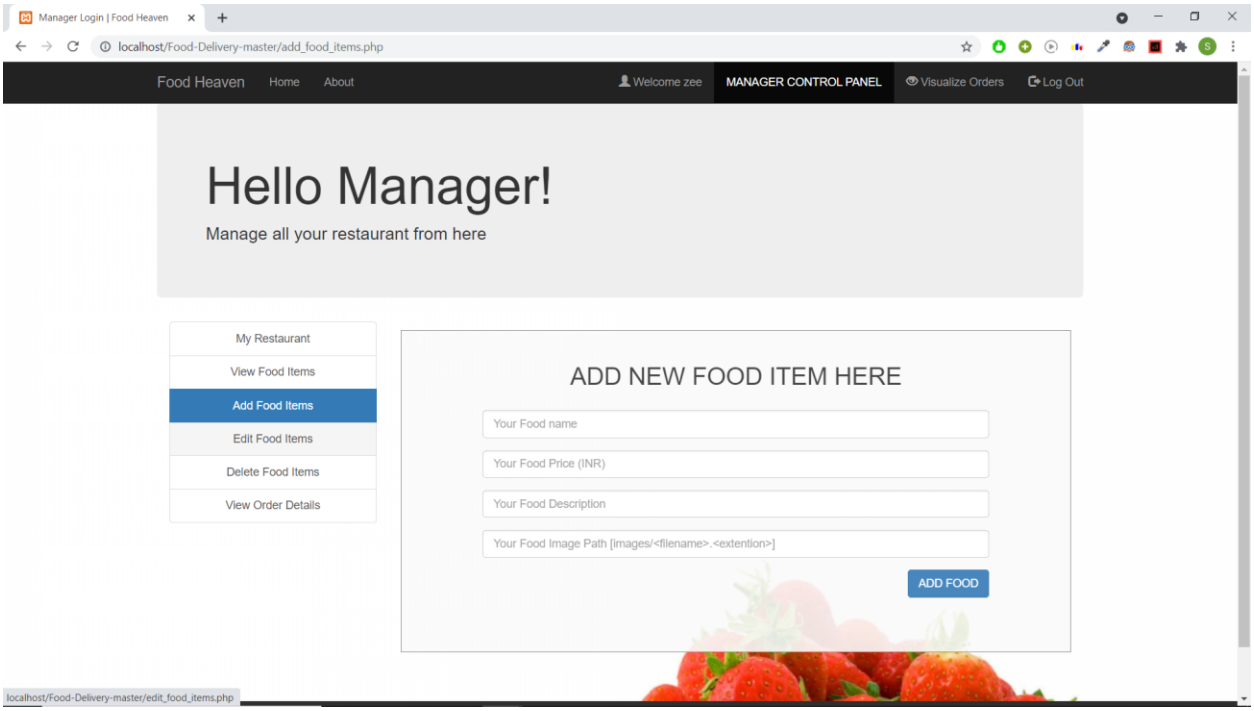

Cart | Food Heaven
localhost/Food-Delivery-master/cart.php
Food Heaven
Home
About
Welcome shreyanshu1881
Food Zone
Cart (1)
Log Out
Your Shopping Cart
Looks tasty...!!!
Food Name
Quantity
Price Details
Order Total
Action
Pizza
1
₹ 300
₹ 300.00
Remove
Total
₹ 300.00
Empty Cart
Continue Shopping
Check Out
Food Heaven 2021

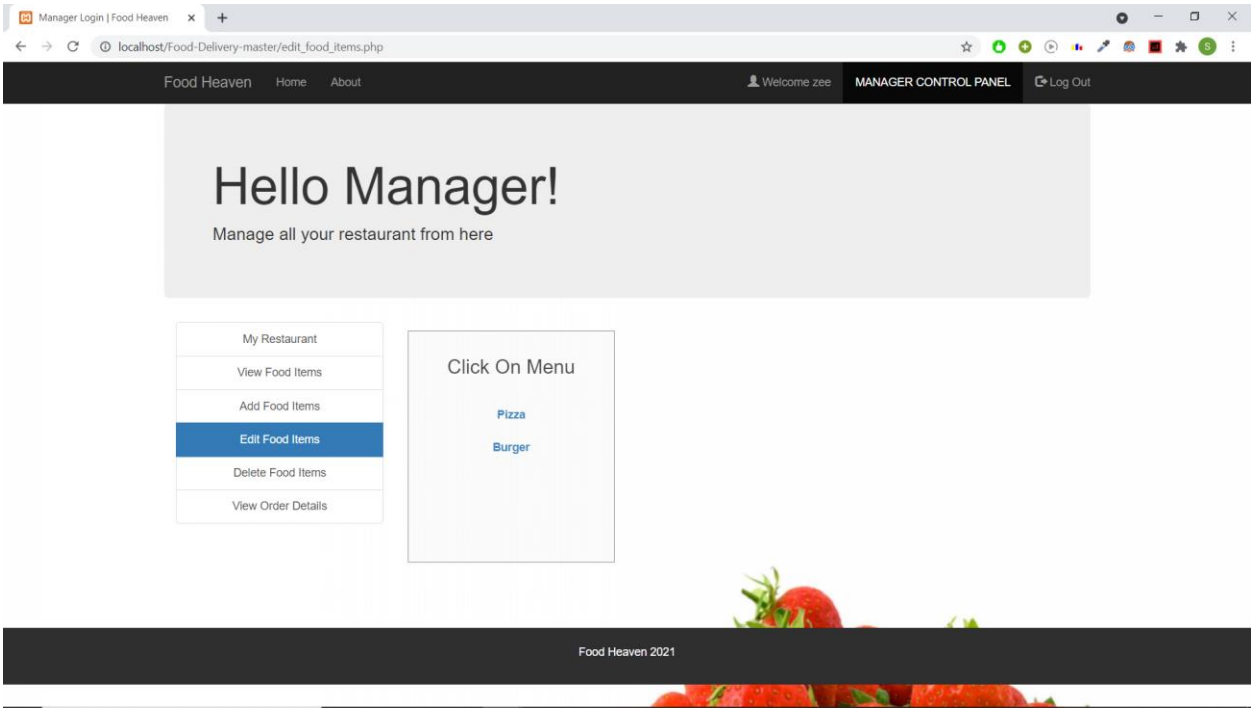

Cart | Food Heaven
localhost/Food-Delivery-master/payment.php
Food Heaven
Home
About
Welcome shreyanshu1881
Food Zone
Cart (1)
Log Out
Choose your payment option
Grand Total: ₹300/-
including all service charges. (no delivery charges applied)
Go back to cart
Cash On Delivery
Food Heaven 2021

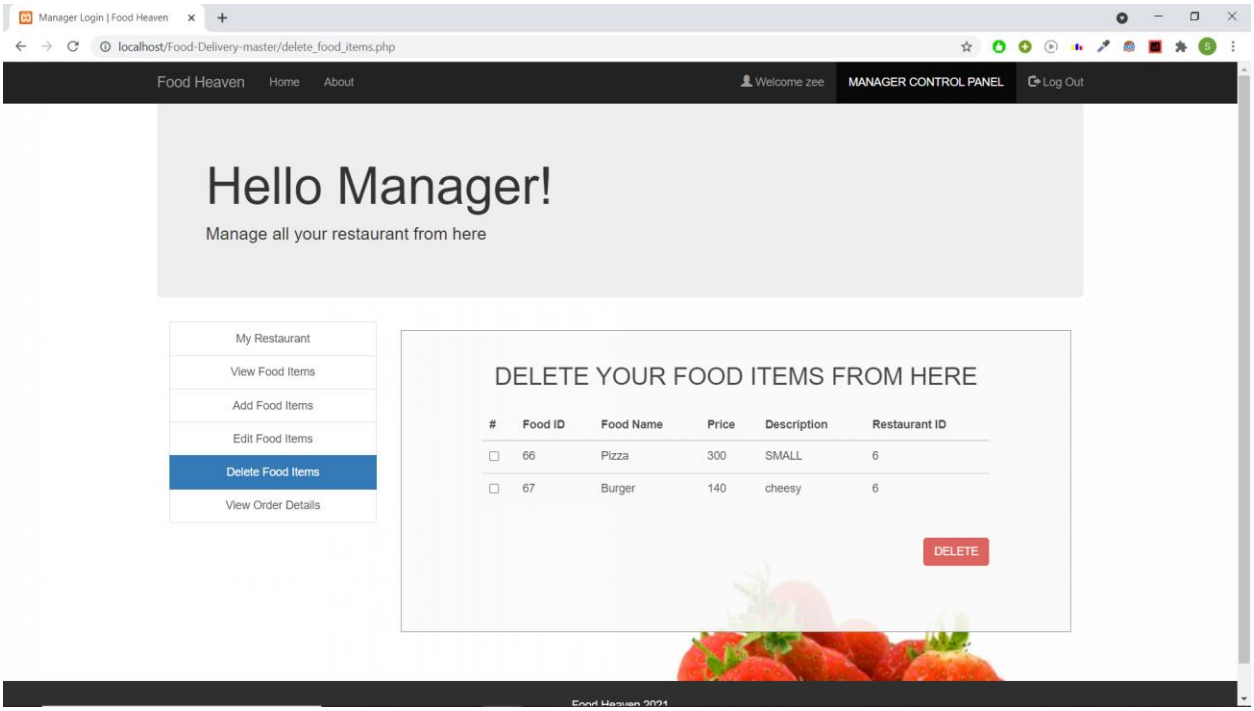

Cart | Food Heaven
localhost/Food-Delivery-master/COD.php
Food Heaven
Home
About
Welcome shreyanshu1881
Food Zone
Cart (0)
Log Out
Order Placed Successfully.
Thank you for shopping at Food Heaven! The ordering process is now complete.

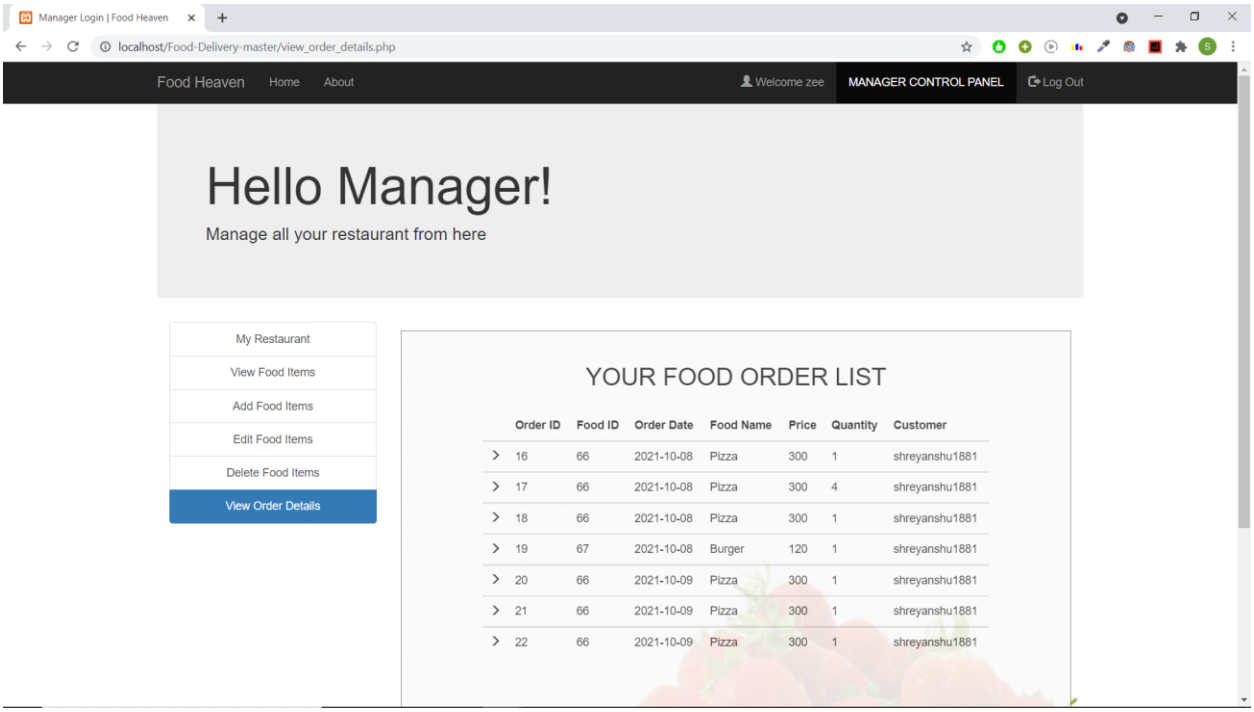

Manager Login | Food Heaven
localhost/Food-Delivery-master/myrestaurant.php
Food Heaven
Home
About
Welcome zee
MANAGER CONTROL PANEL
Log Out
Hello Manager!
Manage all your restaurant from here
My Restaurant
View Food Items
Add Food Items
Edit Food Items
Delete Food Items
View Order Details
MY RESTAURANT
Your Restaurant's Name
Your Restaurant's Email
Your Restaurant's Contact Number
Your Restaurant's Address
ADD RESTAURANT


Manager Login | Food Heaven
localhost/Food-Delivery-master/view_food_items.php
Food Heaven
Home
About
Welcome zee
MANAGER CONTROL PANEL
Log Out
Hello Manager!
Manage all your restaurant from here
My Restaurant
View Food Items
Add Food Items
Edit Food Items
Delete Food Items
View Order Details
YOUR FOOD ITEMS LIST
Food ID
Food Name
Price
Description
Restaurant ID
66
Pizza
300
SMALL
6
67
Burger
140
cheesy
6

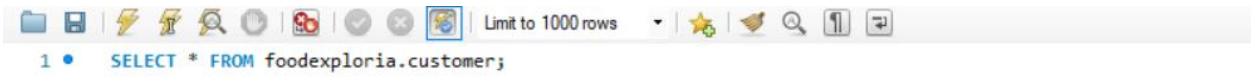

Manager Login | Food Heaven
localhost/Food-Delivery-master/add_food_items.php
Food Heaven
Home
About
Welcome zee
MANAGER CONTROL PANEL
Visualize Orders
Log Out
Hello Manager!
Manage all your restaurant from here
My Restaurant
View Food Items
Add Food Items
Edit Food Items
Delete Food Items
View Order Details
ADD NEW FOOD ITEM HERE
Your Food name
Your Food Price (INR)
Your Food Description
Your Food Image Path [images/<filename>.<extention>]
ADD FOOD
localhost/Food-Delivery-master/edit_food_items.php

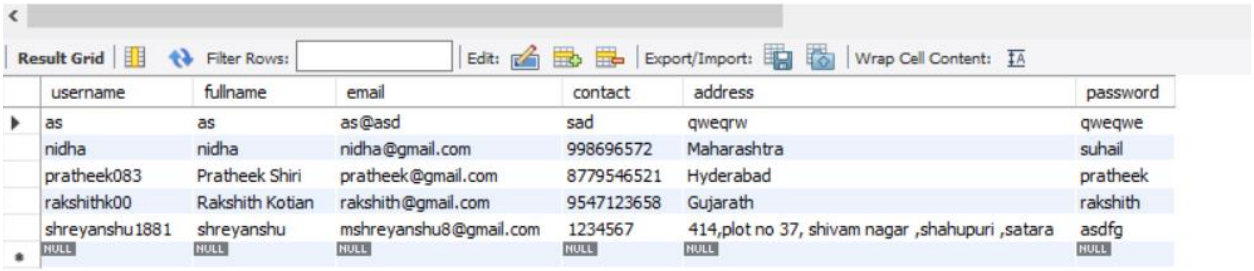

Manager Login | Food Heaven
localhost/Food-Delivery-master/edit_food_items.php
Food Heaven
Home
About
Welcome zee
MANAGER CONTROL PANEL
Log Out
Hello Manager!
Manage all your restaurant from here
My Restaurant
View Food Items
Add Food Items
Edit Food Items
Delete Food Items
View Order Details
Click On Menu
Pizza
Burger
Food Heaven 2021



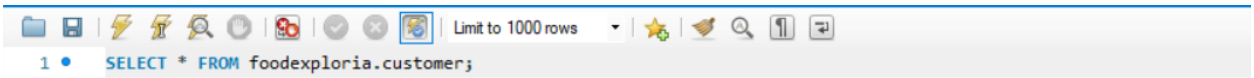


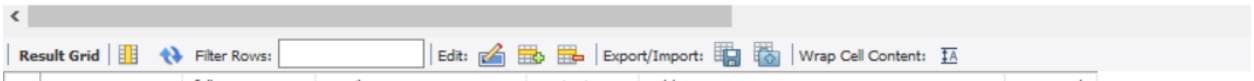
DATABASE SCREENSHOTS:





username	fullname	email	contact	address	password
as	as	as@asd	sad	qweqrw	qweqwe
nidha	nidha	nidha@gmail.com	998696572	Maharashtra	suhail
pratheek083	Pratheek Shiri	pratheek@gmail.com	8779546521	Hyderabad	pratheek
rakshithk00	Rakshith Kotian	rakshith@gmail.com	9547123658	Gujarath	rakshith
shreyanshu1881	shreyanshu	mshreyanshu8@gmail.com	1234567	414,plot no 37, shivam nagar ,shahupuri ,satara	asdfg
NULL	NULL	NULL	NULL	NULL	NULL





username	fullname	email	contact	address	password
as	as	as@asd	sad	qweqrw	qweqwe
nidha	nidha	nidha@gmail.com	998696572	Maharashtra	suhail
pratheek083	Pratheek Shiri	pratheek@gmail.com	8779546521	Hyderabad	pratheek
rakshithk00	Rakshith Kotian	rakshith@gmail.com	9547123658	Gujarath	rakshith
shreyanshu1881	shreyanshu	mshreyanshu8@gmail.com	1234567	414,plot no 37, shivam nagar ,shahupuri ,satara	asdfg
NULL	NULL	NULL	NULL	NULL	NULL

```
SELECT * FROM foodexploria.deletedfood;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

F_ID	name	price	description	R_ID	images_path
68	Butter Chicken	200	full	7	images/butter-chicken.jpg
67	Burger	120	cheesy	6	images/Shot_Gun_Chicken_Burger.jpg

```
SELECT * FROM foodexploria.manager;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

username	fullname	email	contact	address	password
chaitanya	chaitanya	chaitanya@gmail.com	9123456789	pune	chaitanya
ritvik	ritvik	ritvik@gmail.com	9234567891	delhi	ritvik
zee	zee	zee@gmail.com	123456	satara	asdfg
NULL	NULL	NULL	NULL	NULL	NULL

```
SELECT * FROM foodexploria.orders;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

order_ID	F_ID	foodname	price	quantity	order_date	username	R_ID
16	66	Pizza	300	1	2021-10-08	shreyanshu1881	6
17	66	Pizza	300	4	2021-10-08	shreyanshu1881	6
18	66	Pizza	300	1	2021-10-08	shreyanshu1881	6
19	67	Burger	120	1	2021-10-08	shreyanshu1881	6
20	66	Pizza	300	1	2021-10-09	shreyanshu1881	6
21	66	Pizza	300	1	2021-10-09	shreyanshu1881	6
22	66	Pizza	300	1	2021-10-09	shreyanshu1881	6
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

```
SELECT * FROM foodexploria.restaurants;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

R_ID	name	email	contact	address	M_ID
6	DURGA	lakeview@gmail.com	9234567890	pune	zee
7	maa ki rasoi	maakirasoi@gmail.com	9834225133	delhi	ritvik
NULL	NULL	NULL	NULL	NULL	NULL

9: CONCLUSION

The online food ordering system built is meant to provide the customers a easy platform to place orders from their favorite restaurants from the comfort of their homes. We have taken the burden from restaurant managers by giving them a great platform to increase their productivity and increase the revenue of their restaurants. Thus, we used MySQL, PHP, HTML, CSS, XAMPP to bring this project into reality.

10: REFERENCES

- https://www.php.net/manual/en/index.php
- https://www.w3schools.com/sql/
- https://www.w3schools.com/php/
- https://getbootstrap.com/docs/4.5/getting-started/introduction/
- https://javascript.info/
- https://www.w3schools.com/css/
- **Database System Concepts** Seventh Edition. Avi Silberschatz · Henry F. **Korth** · S. Sudarshan.