



Project Report

On

Food Ordering Application

Submitted to

LOVELY PROFESSIONAL UNIVERSITY

for

INT-220 (SERVER SIDE SCRIPTING)

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CHAPTER-I

INTRODUCTION

In PHP(Server Side Scripting), I have developed the project of “FOOD ORDERING APPLICATION” and I named it as “OrderFood...”. And the main focus of this Web Application is to order food online through the website. Online Food ordering system is a process in which one can order various foods and beverages from some local restaurant and hotels through the use of internet, just by sitting at home or any place. And the order is delivered to the told location.

Here, in this Application we can see all the elements that are related to order food by the Customer. Here, Customer can order the food from the food menu provided by the website. Here, Customer can't change the food menu and their prices. That are fixed by the website. But here, Customer can manage his orders like: (Customers can remove or edit their orders).

The Customers can go through the homepage, about, and contact pages. In order to order the food items, the user has to create an account and sign in or log in. The food comes with the cost as well. This project makes a convenient way for customers to buy/purchase food online, without having to go to the restaurant.

Here, the surprising thing is that, Customer can donate food to the poor. Reasons for these option are given in this website are: Don't Waste the Food. Remember that Food is very important to us, There are so many people who are sleeping without taking food. So, Please Help them, By following the quote "Don't Waste Food" OrderFood... has started to donated the remaining food to the poor, By this, Food is not going to waste and also you are satisfied by donating food to the needy.

There are many features provided by the website. And they are: Customer can connect to the website directly through social media accounts, Customers can also clear their doubts by using the contact us section. Customer can give feedback to the website, and also they can report any Fraud.

CHAPTER-II

TECHNOLOGIES USED

❖ **Front end: HTML, CSS, JavaScript.**

1. HTML

- HTML (Hyper Text Markup Language) is used to create and save web document. And it is used to create an user interface.
- HTML is used to describes the structure of a Web page. HTML consists of a series of elements, and that elements tell the browser how to display the content.

2. CSS

- CSS (Cascading Style Sheets) Create attractive Layout.
- CSS describes how html elements are to be displayed on the screen or other media.

3. JavaScript

- It is a programming language, commonly use with web browsers.
- I have used the JavaScript to trigger an alert message on the page.

❖ **Front end Frameworks: Bootstrap.**

1. Bootstrap

- Bootstrap is used to give responsive design mobile friendly website.

❖ **Back end: PHP, MySQL.**

1. PHP

- Hypertext Preprocessor (PHP) is a technology that allows software developers to create dynamically generated web pages, in HTML, XML, or other document types, as per client request. PHP is open source software.
- PHP is mainly used to execute the web application to the Server.

2. MySQL

- MySql is a database, widely used for accessing querying, updating, and managing data in databases.

❖ **Servers Used:** Xampp Server.

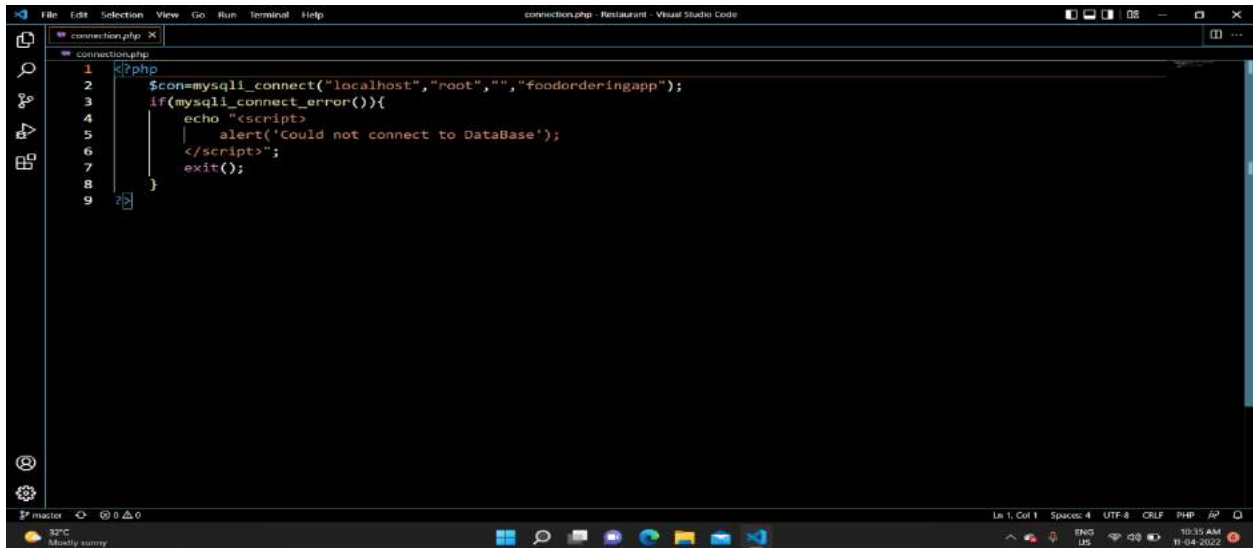
1. Xampp Server

- Xampp is a Cross platform(x), Apache(a), Maria db(m), PHP(p), Pearl(p) which is a software distribution server which makes developer's work simple for testing and deploying by creating a local web server.

CHAPTER-III

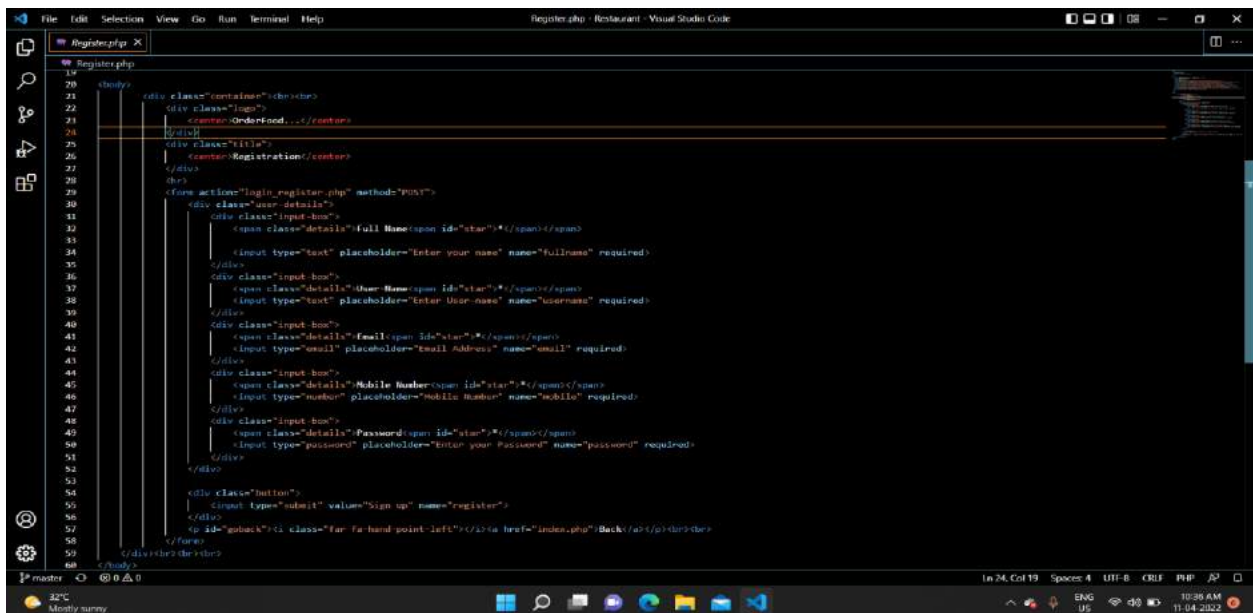
MODULES

➔ Here, to connect with Database I have used a different PHP file and included in each and every webpage where it is required.



```
1 <?php
2 $con=mysqli_connect("localhost","root","","foodorderingapp");
3 if(mysqli_connect_error()){
4     echo "<script>
5         alert('Could not connect to DataBase');
6     </script>";
7     exit();
8 }
9
```

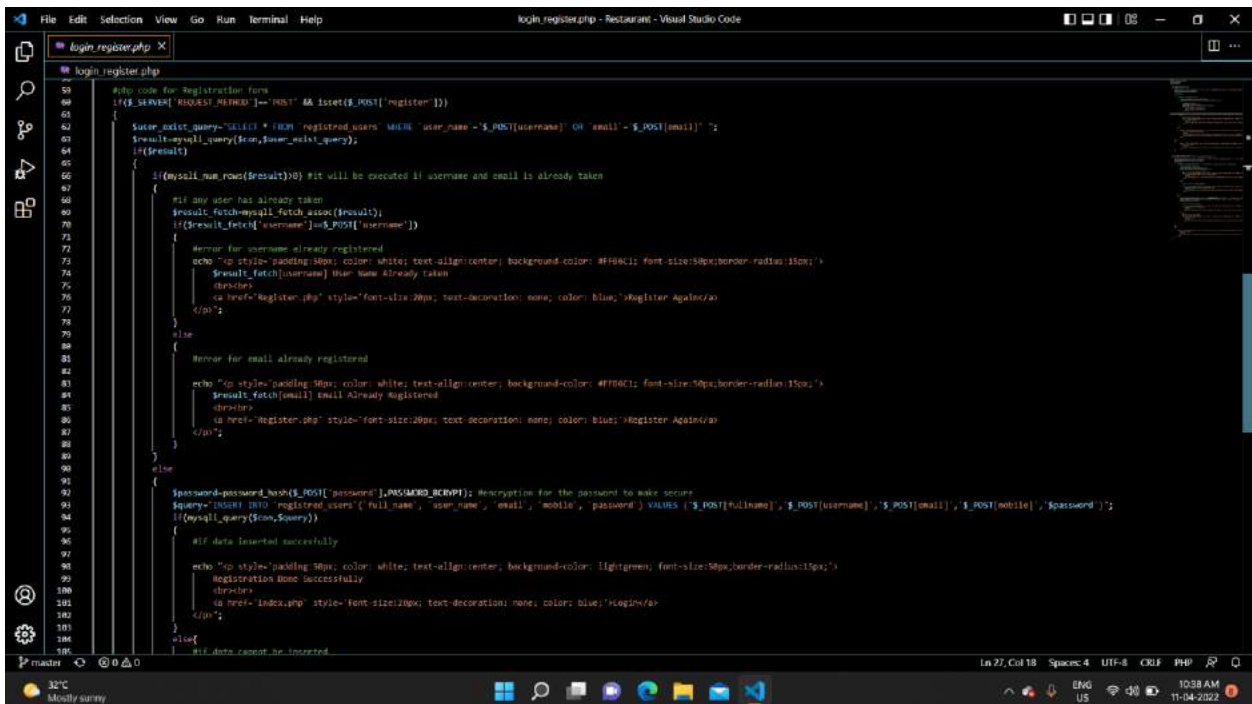
➔ Here, in all the form details are taken by 'POST' method. Because, the information provided by the Customers are very sensitive.



```
14 <body>
15     <div class="container"><div class="login">
16         <center><OrderForm/></center>
17     </div>
18     <div class="register">
19         <center>Registration</center>
20     </div>
21     <div class="form">
22         <form action="login_register.php" method="POST">
23             <div class="user-details">
24                 <div class="input-box">
25                     <input class="details" type="text" id="name" value="" />
26                     <input type="text" placeholder="Enter your name" name="fullname" required/>
27                 </div>
28                 <div class="input-box">
29                     <input class="details" type="text" id="username" value="" />
30                     <input type="text" placeholder="Enter User name" name="username" required/>
31                 </div>
32                 <div class="input-box">
33                     <input class="details" type="email" id="email" value="" />
34                     <input type="email" placeholder="Email Address" name="email" required/>
35                 </div>
36                 <div class="input-box">
37                     <input class="details" type="text" id="mobile" value="" />
38                     <input type="text" placeholder="Mobile Number" name="mobile" required/>
39                 </div>
40                 <div class="input-box">
41                     <input class="details" type="password" id="password" value="" />
42                     <input type="password" placeholder="Enter your Password" name="password" required/>
43                 </div>
44             </div>
45             <div class="button">
46                 <input type="submit" value="Sign up" name="register"/>
47             </div>
48             <a href="index.php" class="back">Back</a>
49         </form>
50     </div>
51 </body>
```

Registration Form

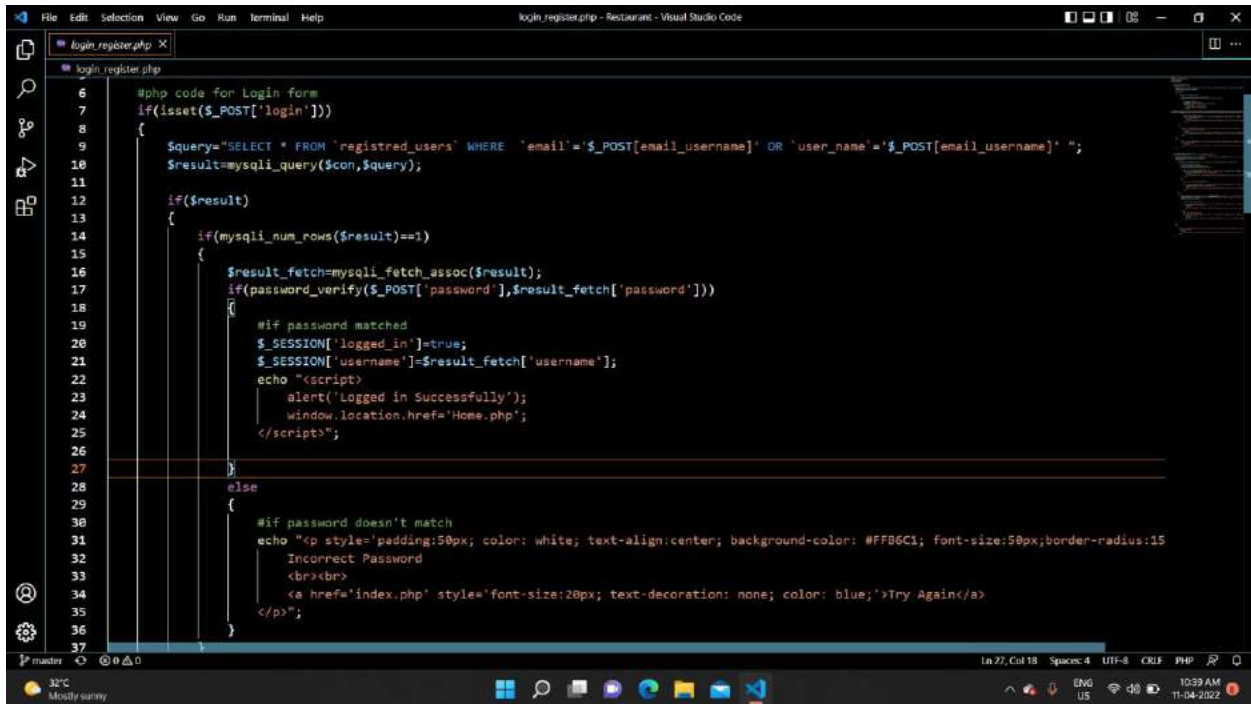
- ➔ In the Registration form, first it will check the Database for the same email/username entered by the Customer. If there exist same username/email, then it will trigger an error. If the information is not matched by the information in the Database, it will trigger a success message as 'Account Created Successfully'.
- ➔ And I have given all the Size/Minimum no. of characters/ Maximum no. of characters, information in the Database. And also given their validity accordingly to their input type.
- ➔ So, here I have used hash method to store the encrypted password in the database to be more secure.



```
login_register.php
18 echo code for Registration form
19 if($_SERVER['REQUEST_METHOD']=='POST' && isset($_POST['register']))
20 {
21     $user_exist_query="SELECT * FROM 'registered_users' WHERE 'user_name' = '$_POST[username]' OR 'email' = '$_POST[email]' ";
22     $result=mysqli_query($con,$user_exist_query);
23     if($result)
24     {
25         if(mysqli_num_rows($result)) #it will be executed if username and email is already taken
26         {
27             #if any user has already taken
28             $result_fetch=mysqli_fetch_assoc($result);
29             if($result_fetch['username']==$_POST['username'])
30             {
31                 #error for username already registered
32                 echo "<p style='padding:5px; color: white; text-align:center; background-color: #FF0001; font-size:10px;border-radius:15px;'>
33                 $result_fetch[username] User Name Already taken
34                 <br>
35                 <a href='Register.php' style='font-size:10px; text-decoration: none; color: blue;'>Register Again</a>
36                 </p>";
37             }
38             #error for email already registered
39             echo "<p style='padding:5px; color: white; text-align:center; background-color: #FF0001; font-size:10px;border-radius:15px;'>
40             $result_fetch[email] Email Already Registered
41             <br>
42             <a href='Register.php' style='font-size:10px; text-decoration: none; color: blue;'>Register Again</a>
43             </p>";
44         }
45         else
46         {
47             $password=password_hash($_POST['password'],PASSWORD_BCRYPT); #encryption for the password to make secure
48             $query=mysqli_insert_into('registered_users','full_name','user_name','email','mobile','password') VALUES ('$_POST[full_name]','$_POST[username]','$_POST[email]','$_POST[mobile]','$password');
49             if(mysqli_query($con,$query))
50             {
51                 #if data inserted successfully
52                 echo "<p style='padding:5px; color: white; text-align:center; background-color: lightgreen; font-size:10px;border-radius:15px;'>
53                 Registration Done successfully
54                 <br>
55                 <a href='index.php' style='font-size:10px; text-decoration: none; color: blue;'>Login</a>
56                 </p>";
57             }
58             else{
59                 #if data cannot be inserted
60             }
```

Login Form

- ➔ Customer can enter any one of the username/email. And it will check the hashed password accordingly.
- ➔ If the Customer want to login with not registered email/username (or) want to login with invalid password, it will throw an error.



```
6  #php code for Login form
7  if(isset($_POST['login']))
8  {
9      $query="SELECT * FROM 'registered_users' WHERE 'email'='".$_POST['email_username']."' OR 'user_name'='".$_POST['email_username']."' ";
10     $result=mysqli_query($con,$query);
11
12     if($result)
13     {
14         if(mysqli_num_rows($result)==1)
15         {
16             $result_fetch=mysqli_fetch_assoc($result);
17             if(password_verify($_POST['password'],$result_fetch['password']))
18             {
19                 #if password matched
20                 $_SESSION['logged_in']=true;
21                 $_SESSION['username']=$result_fetch['username'];
22                 echo "<script>
23                     alert('Logged in Successfully');
24                     window.location.href='Home.php';
25                 </script>";
26             }
27         }
28         else
29         {
30             #if password doesn't match
31             echo "<p style='padding:50px; color: white; text-align:center; background-color: #FFB6C1; font-size:50px;border-radius:15
32                 Incorrect Password
33                 <br><br>
34                 <a href='index.php' style='font-size:20px; text-decoration: none; color: blue;'>Try Again</a>
35             </p>";
36         }
37     }
}
```

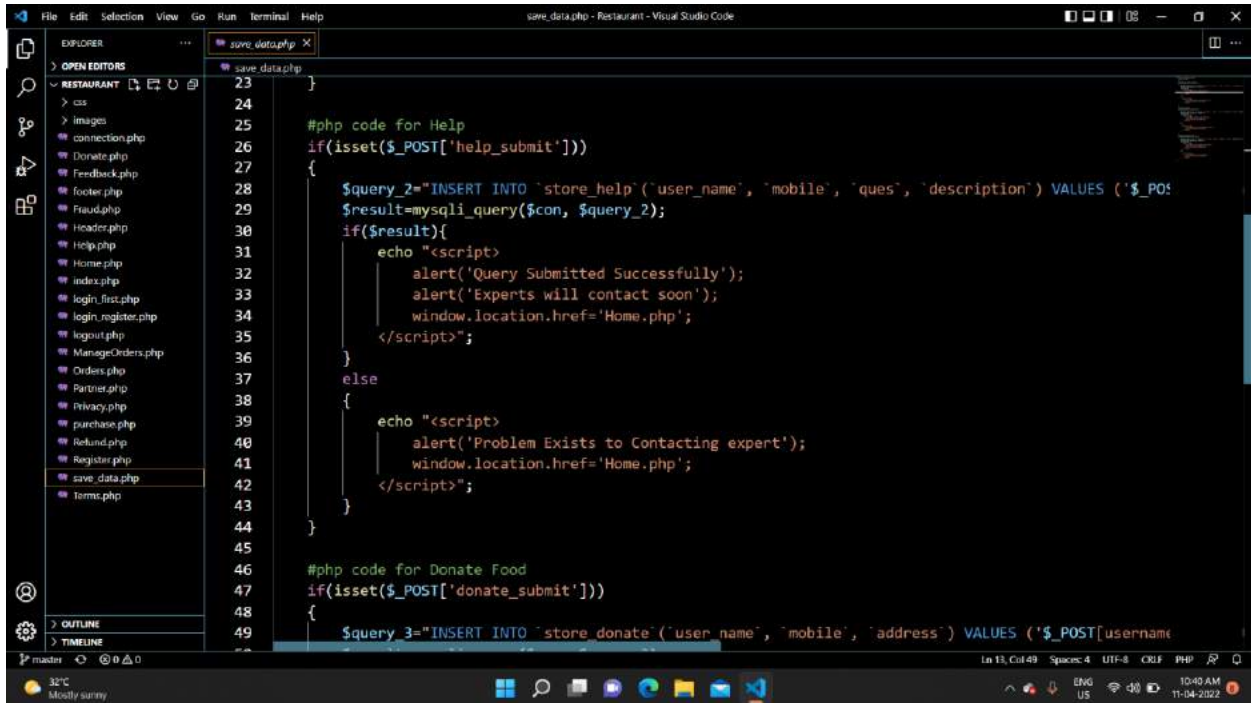
Orders, Manage Orders & Purchase part

- ➔ I have used JavaScript here to store the values of total, grand total variables temporarily. And those calculations are made by the JavaScript Code.
- ➔ I have created remove button to remove the added items from the cart. By using SQL Query.
- ➔ I have created order managing bar, to enter the no. of quantity wants to buy.

➔ If there is any item in the cart, I have created a form asking address. If the Customer click on 'Make Payment', it will added to the Database.

Donate Food, Help & Report Fraud

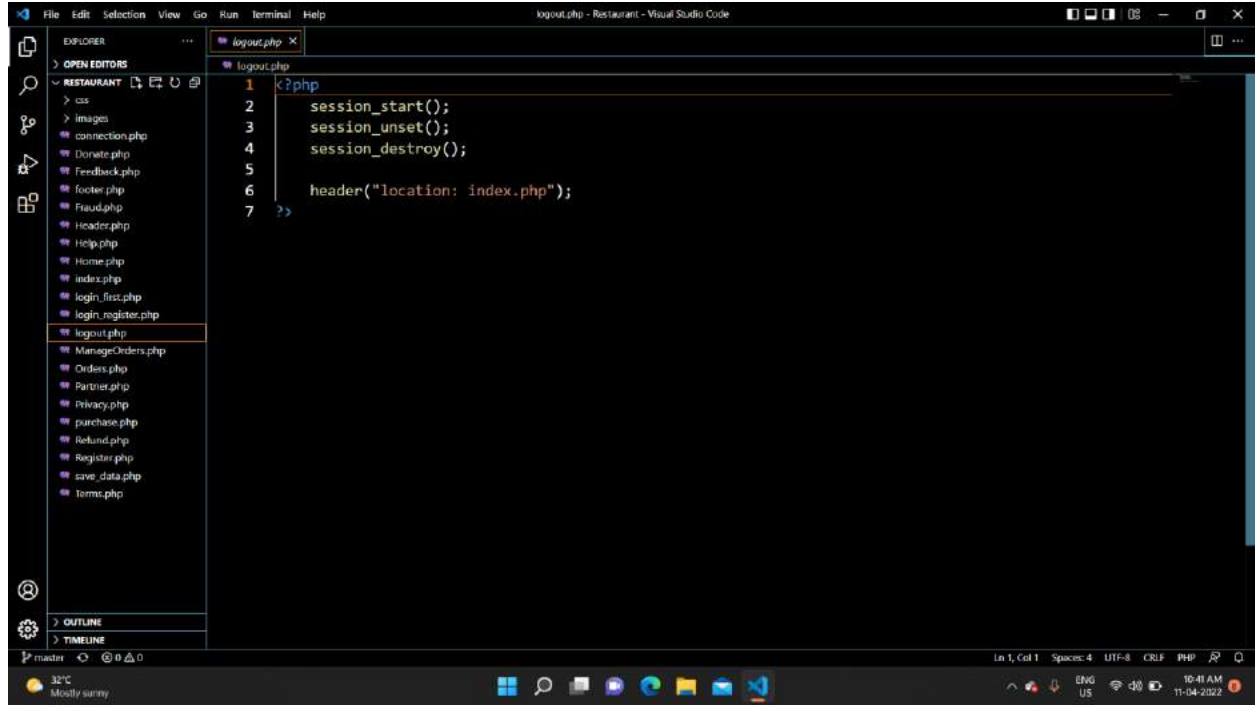
➔ Here, in Donate Food, Help and Report Fraud forms, the information given by the customer will be saved to the Database.



```
23 }
24
25 #php code for Help
26 if(isset($_POST['help_submit']))
27 {
28     $query_2="INSERT INTO `store_help` (`user_name`, `mobile`, `ques`, `description`) VALUES ('$_POST
29     $result=mysqli_query($con, $query_2);
30     if($result){
31         echo "<script>
32             alert('Query Submitted Successfully');
33             alert('Experts will contact soon');
34             window.location.href='Home.php';
35         </script>";
36     }
37     else
38     {
39         echo "<script>
40             alert('Problem Exists to Contacting expert');
41             window.location.href='Home.php';
42         </script>";
43     }
44 }
45
46 #php code for Donate Food
47 if(isset($_POST['donate_submit']))
48 {
49     $query_3="INSERT INTO `store_donate` (`user_name`, `mobile`, `address`) VALUES ('$_POST[username
```

Log out

- ➔ After completing the use of the Application, Customer needs to logout from the Application.
- ➔ Because, this will unset and destroy the session. And it will be return back to the login page.



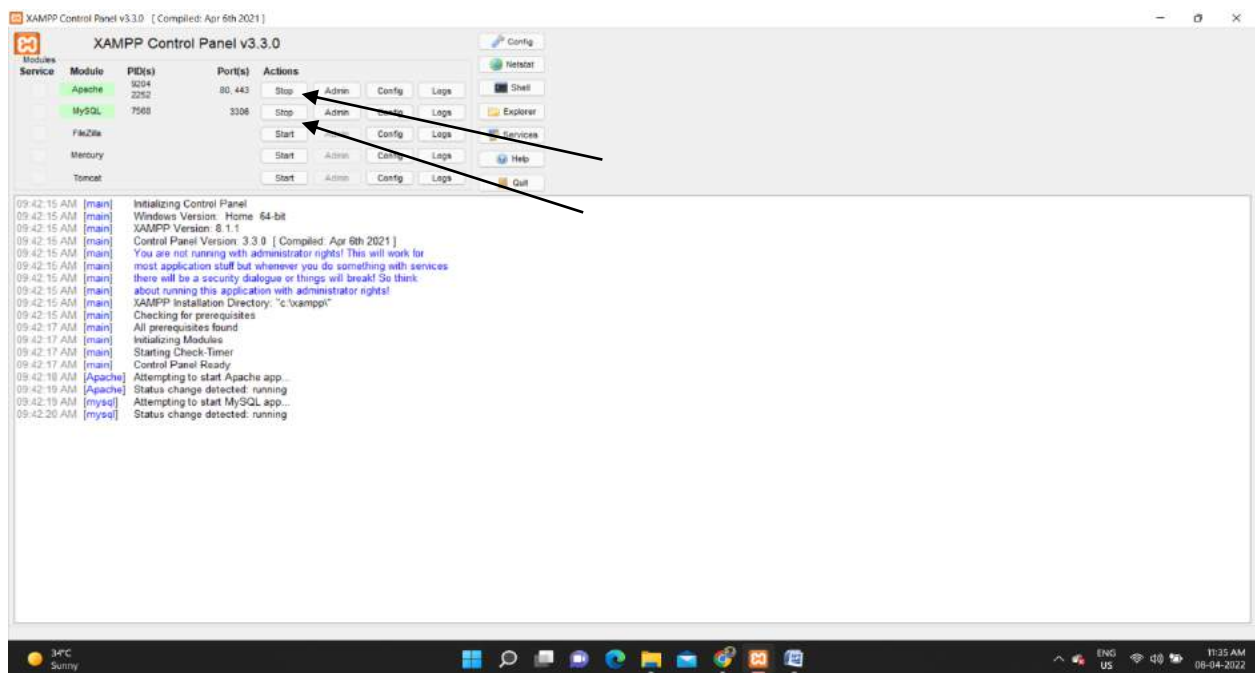
```
1 <?php
2     session_start();
3     session_unset();
4     session_destroy();
5
6     header("location: index.php");
7 >>
```

CHAPTER-IV

WEBSITE SNAPSHOTS

☆ Starting the Server:

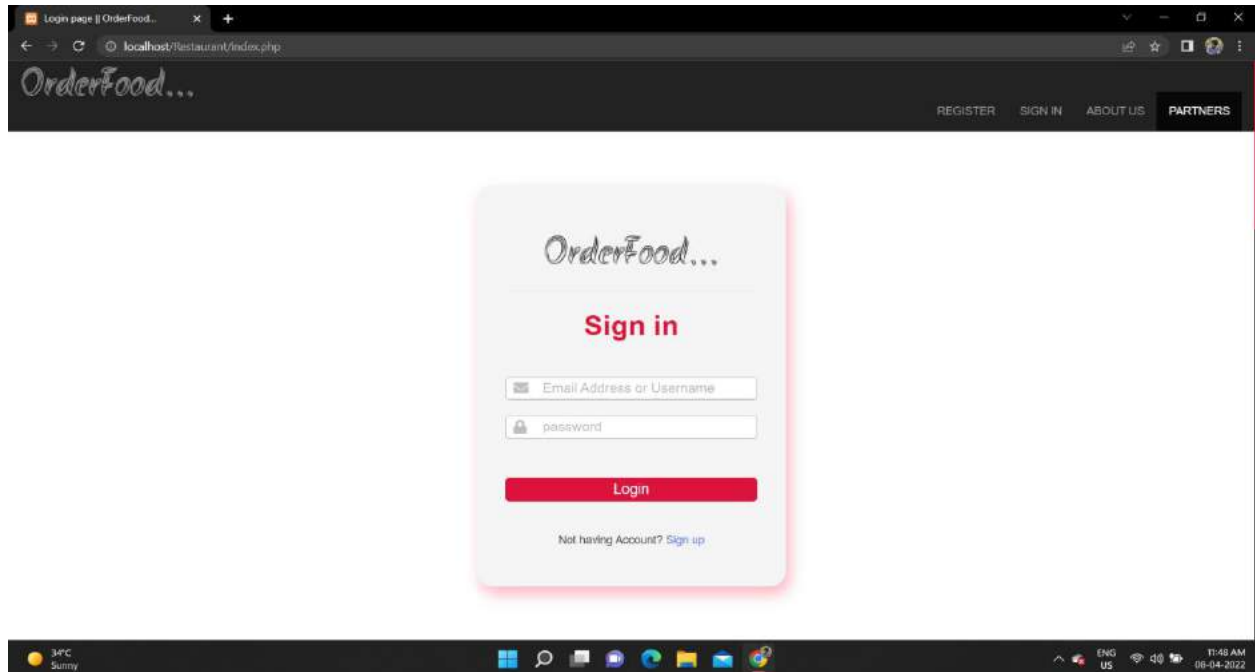
- ✓ Before executing the Web Application, We need to start the Server and MySQL database in the server:



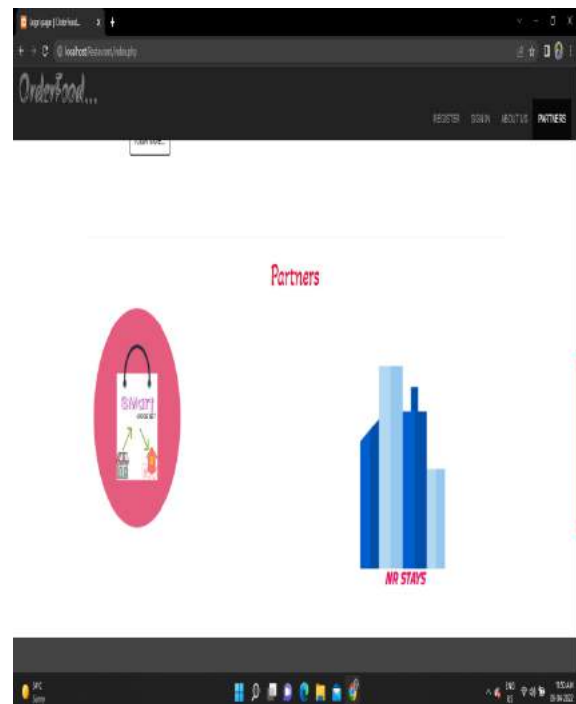
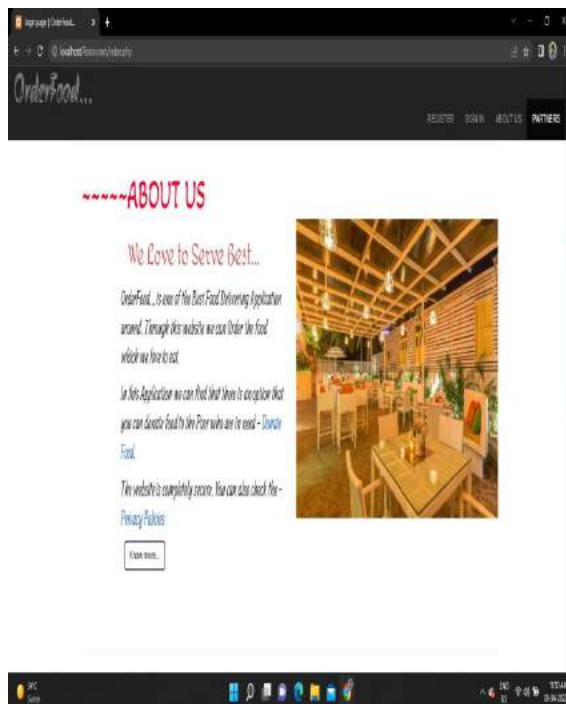
- ✓ As the server is started, we are ready to execute the project.

☆ Implementation

✓ The landing page of the website is:



✓ If we scroll down we can see about us and partners section:



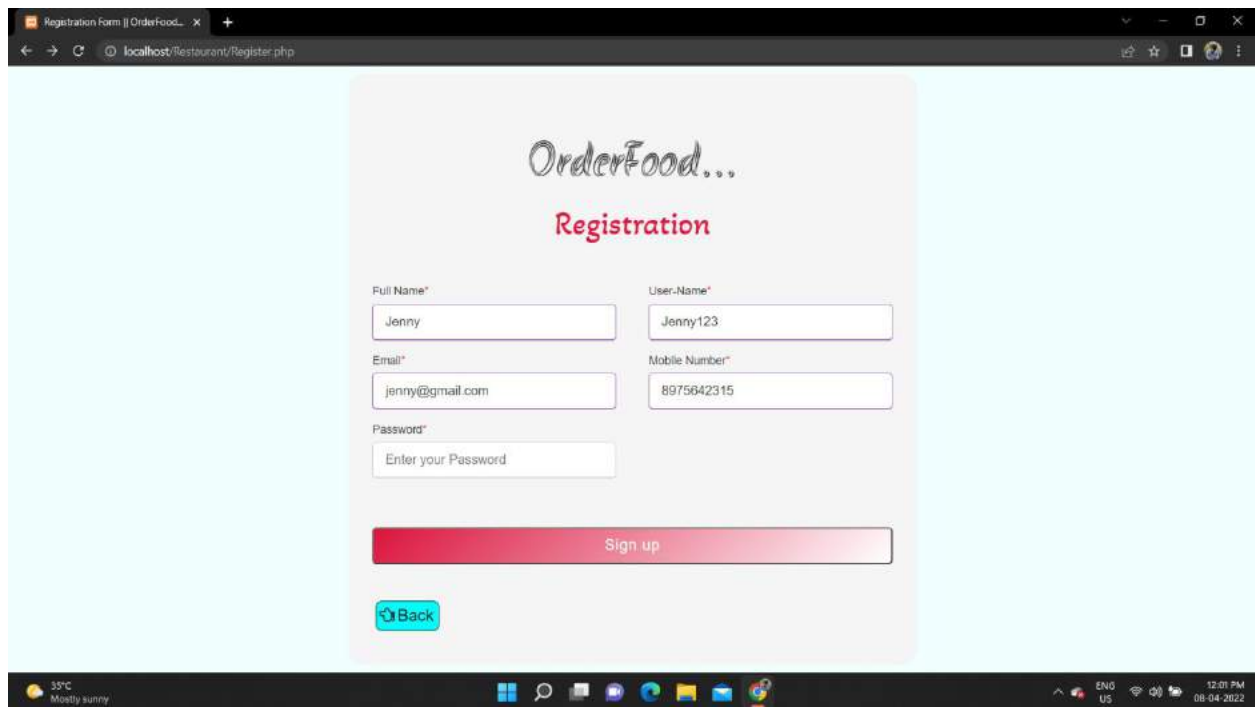
- ✓ If the Customer, want to open the sections like (Feedback, Help, Donate, Report Fraud), Customer experience an error page as:
- ✓ This is because of customer can only go to those elements when he is logged-in.



- ✓ Customer get an error if he logged in using email & password which is not registered.

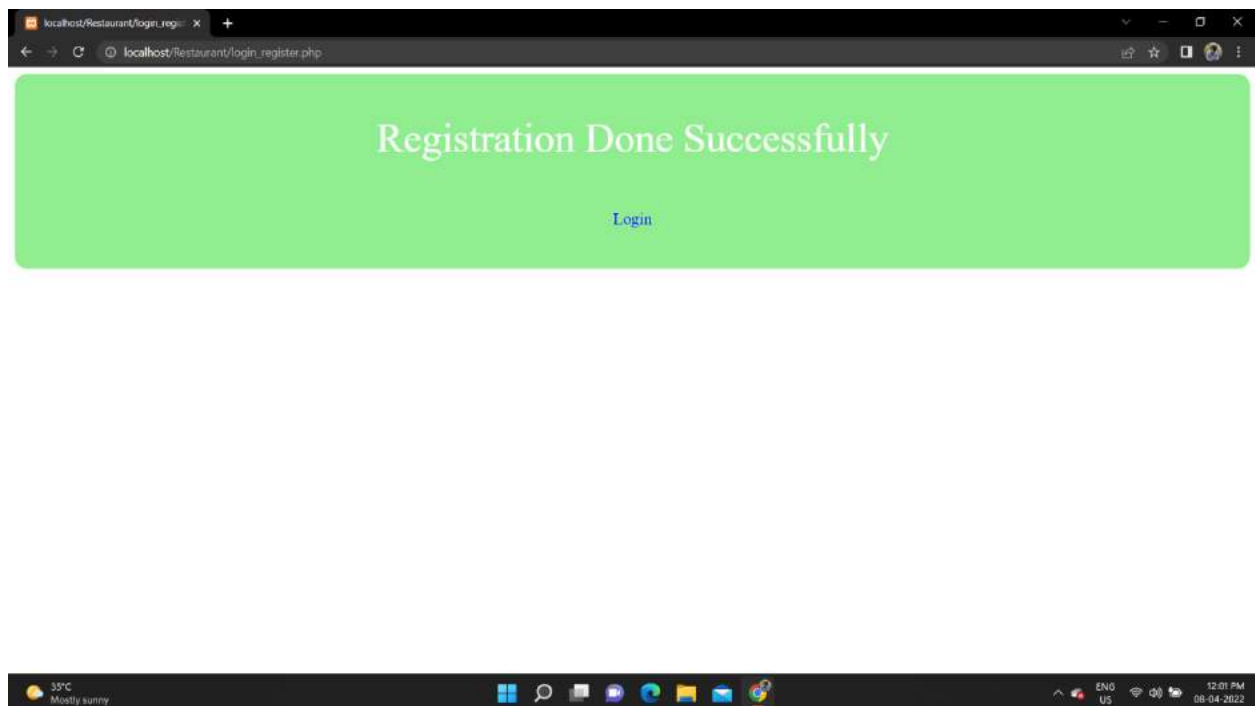


- ✓ If the new customer wants to register, click on register in the landing page and fill all the required details:

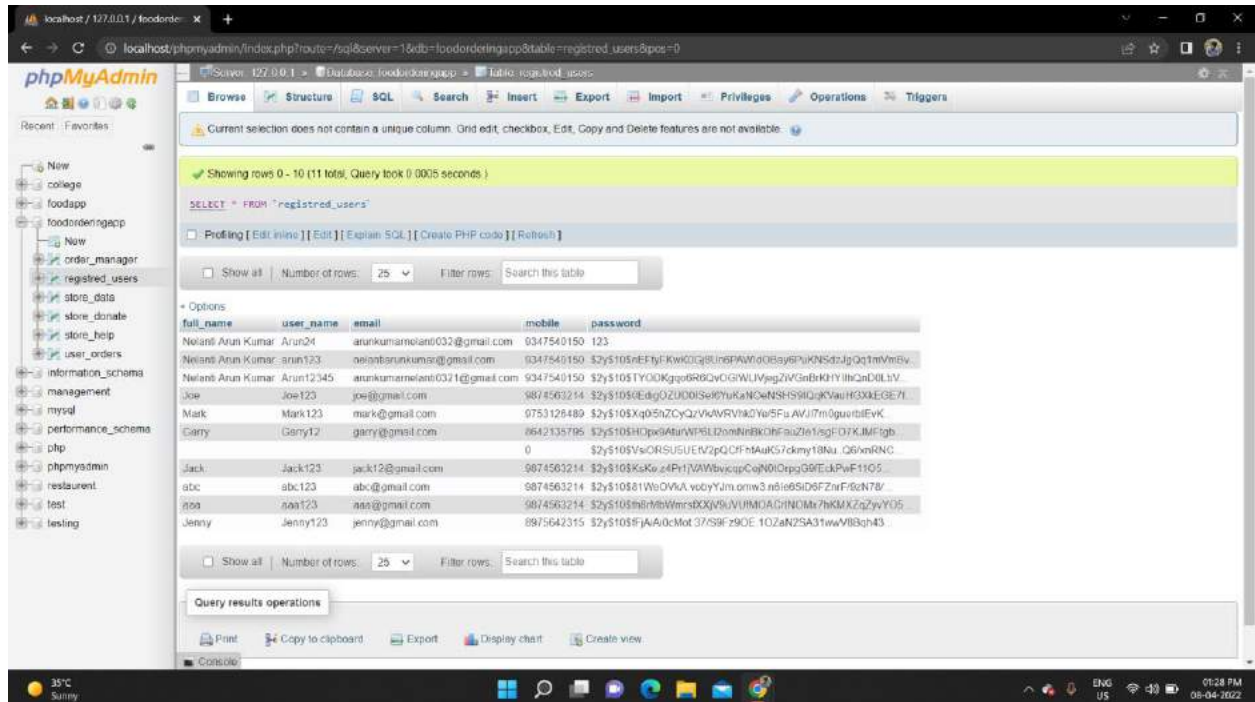


The screenshot shows a web browser window with the title "Registration Form | OrderFood...". The address bar shows "localhost/Restaurant/Register.php". The page content features a light blue background with a central white registration form. The form has the heading "OrderFood..." in a script font and "Registration" in a bold red font. It contains five input fields: "Full Name*" with the value "Jenny", "User-Name*" with the value "Jenny123", "Email*" with the value "jenny@gmail.com", "Mobile Number*" with the value "8975642315", and "Password*" with the placeholder "Enter your Password". Below the fields is a large red "Sign up" button and a smaller blue "Back" button. The Windows taskbar at the bottom shows a temperature of 33°C, the date 08-04-2022, and the time 12:01 PM.

- ✓ Customer get a success message:



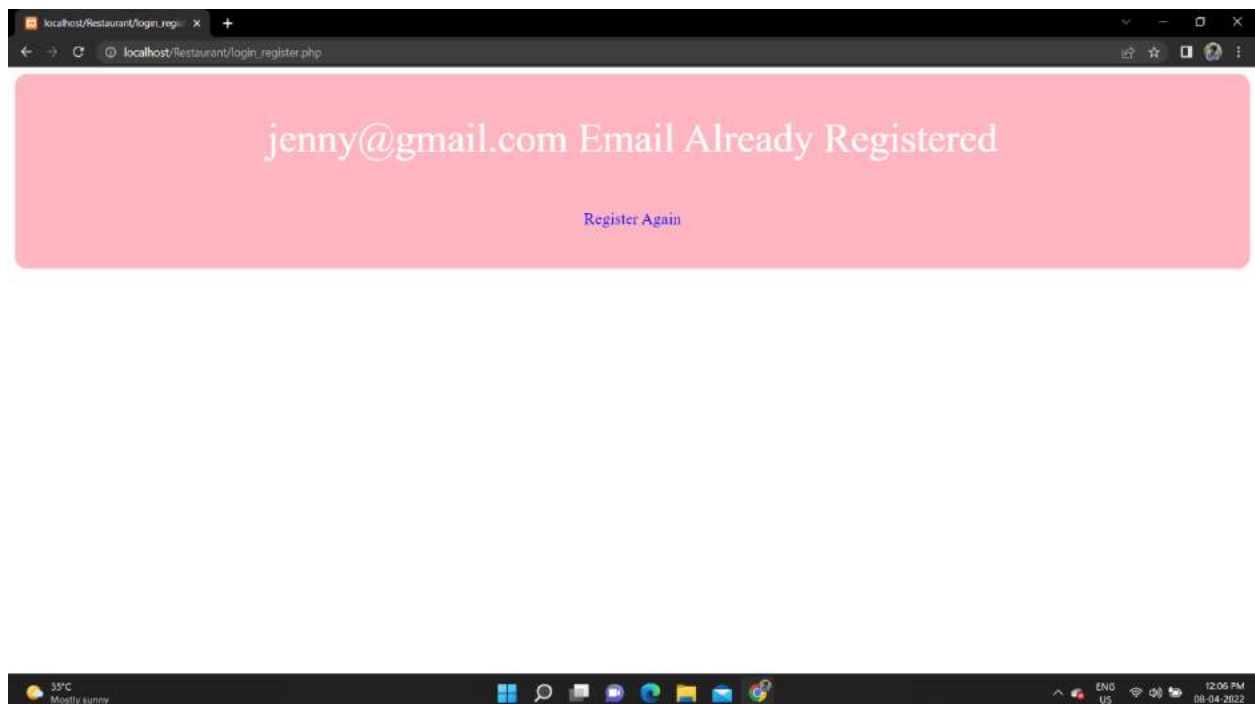
✓ Database of Customers registration:



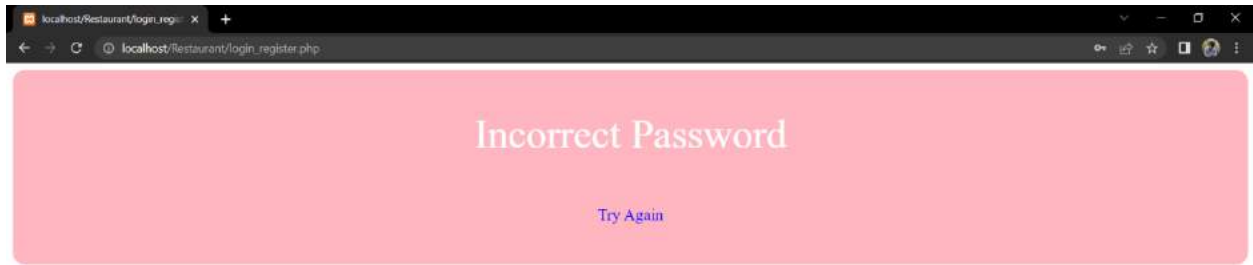
The screenshot shows the phpMyAdmin interface for a database named 'foodorderingapp'. The 'registered_users' table is selected, and its structure is displayed. The table has five columns: full_name, user_name, email, mobile, and password. The data is as follows:

full_name	user_name	email	mobile	password
Nelani Arun Kumar	Arun24	arunkumaneland032@gmail.com	9347540150	123
Nelani Arun Kumar	arun123	arunkumaneland032@gmail.com	9347540150	\$2y\$10\$neFyEKwK2CqRin6PAWt90Sjy6RyKN5d2JpQq1mVmbv
Nelani Arun Kumar	Arun12345	arunkumaneland0321@gmail.com	9347540150	\$2y\$10\$TY00K9v0R002v0G9WUJyegZK9nBkH1Y1llCnD8L1V
Joe	Joe123	joe@gmail.com	9874563214	\$2y\$10\$0EBg0ZU00ISx0YKaNOeNSHS9IQkVauH0X0E0E7I
Mark	Mark123	mark@gmail.com	9753128489	\$2y\$10\$Xq05n2CYqZvVAVRVh82Ye5FuAVJ7m0gu0rtbEVK
Garry	Garry12	garry@gmail.com	8642135795	\$2y\$10\$H0px0AtuVtP6LzomnBk0Hfau2e1sgFDTXJMFtgb
Jack	Jack123	jack12@gmail.com	0	\$2y\$10\$Vse0RSUSUEV7pQCFmAuK57ckmy18N4_Q6vmRNC
abc	abc123	abc@gmail.com	9874563214	\$2y\$10\$KsKez4Pr1ZAWbucspCqN0D9pG9FEdPvF1Y05
asa	asa123	asa@gmail.com	9874563214	\$2y\$10\$101WoOvKA_votyYum.omw3n6e6S0FZnFf8dn78V
Jenny	Jenny123	jenny@gmail.com	8975642315	\$2y\$10\$FJA0cMot37S9Fz9OE_10Za2SA31wwV8Bqh43

✓ If the Customer wants to use the email/username which already taken, it throws an error:



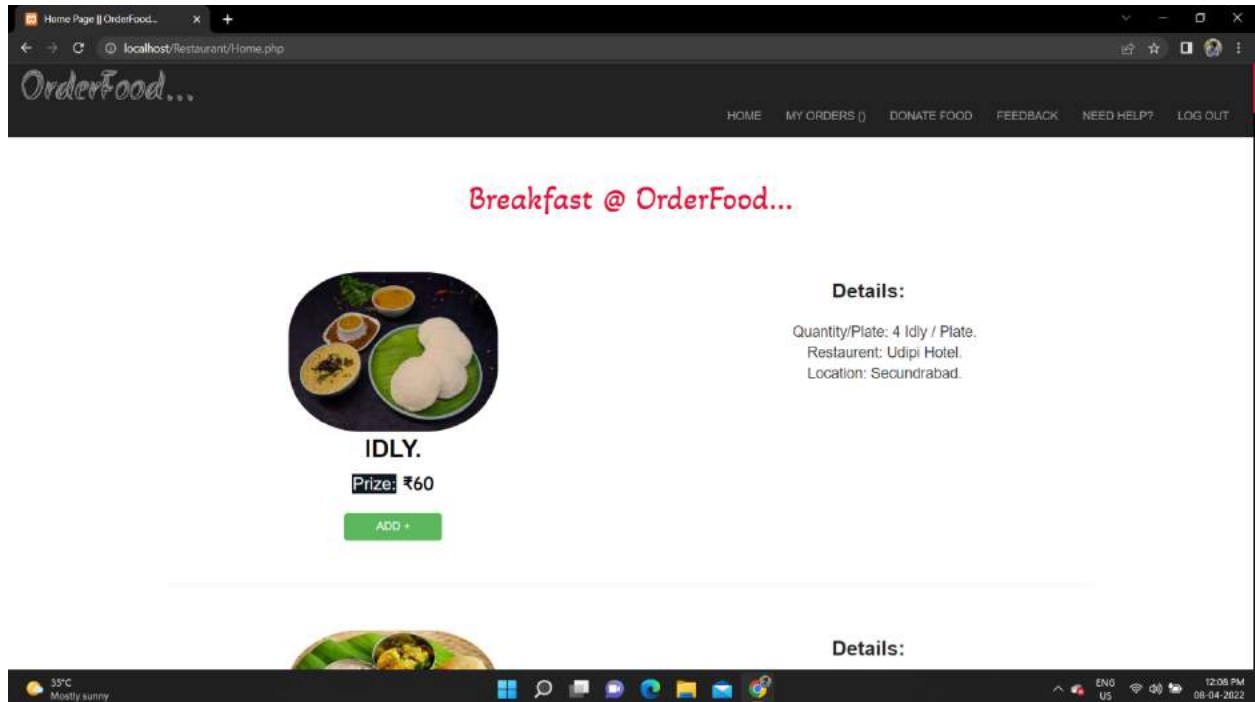
- ✓ If the Customer entered wrong password:



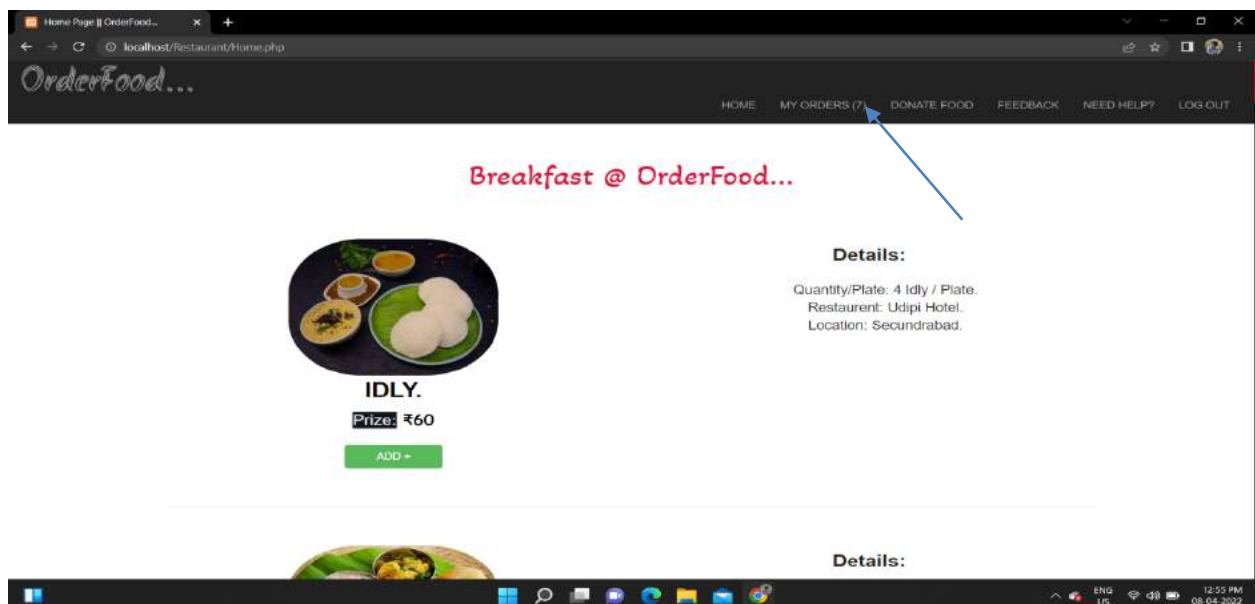
- ✓ If the Customer logged-in with correct username/email and password. It will redirect to the home page of the website with an alert message.



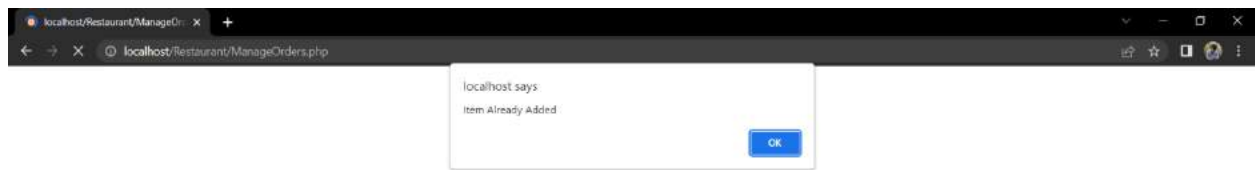
- ✓ This is the Home page of the website:



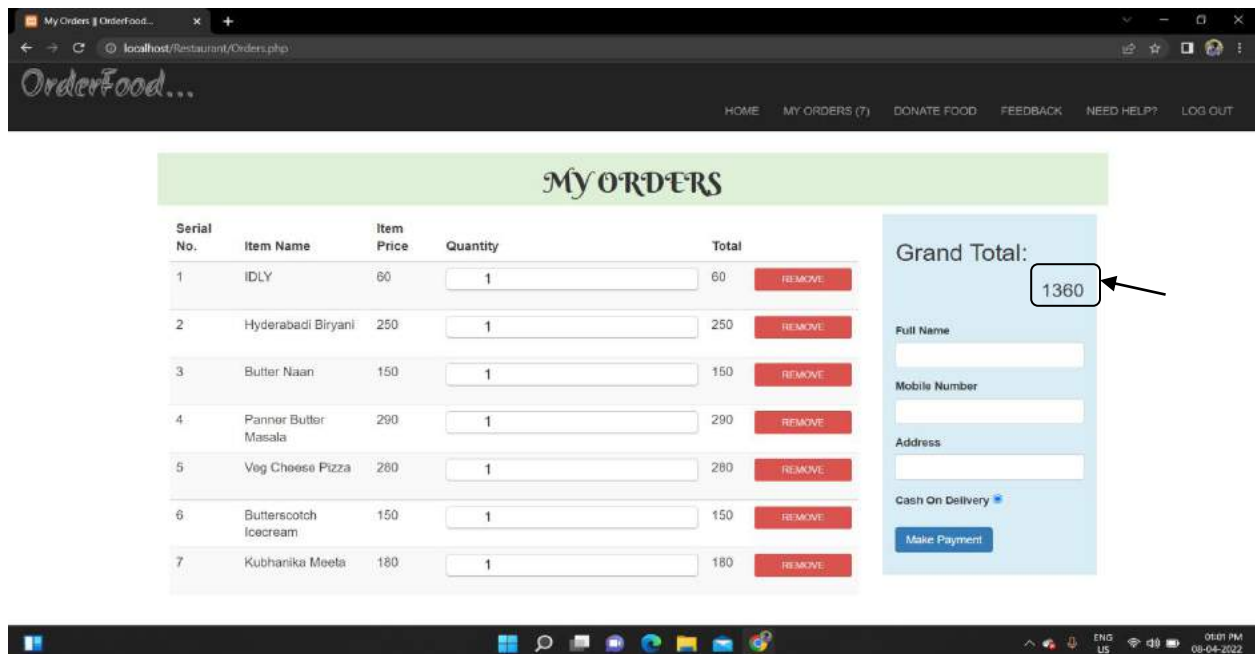
- ✓ Here, in the Home page of we can see many elements in the navigation bar. But, before adding any food item, My Orders section is showing '0' items.
- ✓ If the Customer added (7) food items, that will be added to My Orders section:



- ✓ If the Customer accidentally added the item which was added before, it throws an alert message as 'item added already'.



- ✓ If we opens My Orders section, there will be 7 items which was added by the Customer with Grand Total.



- ✓ If the Customer wants to add more quantity to the particular item. It will generate the New Total and Grand Total accordingly.

The screenshot shows a web browser window with the URL `localhost/Restaurant/Orders.php`. The page title is "OrderFood...". The navigation bar includes links for HOME, MY ORDERS (7), DONATE FOOD, FEEDBACK, NEED HELP?, and LOG OUT. The main content area is titled "MY ORDERS" and displays a table of items in the cart:

Serial No.	Item Name	Item Price	Quantity	Total	
1	IDLY	60	1	60	REMOVE
2	Hyderabadi Biryani	250	3	750	REMOVE
3	Butter Naan	150	1	150	REMOVE
4	Panner Butter Masala	290	1	290	REMOVE
5	Veg Cheese Pizza	280	1	280	REMOVE
6	Butterscotch Icecream	150	1	150	REMOVE
7	Kubhanika Meeta	180	1	180	REMOVE

To the right of the table is a sidebar with the "Grand Total: 1860" and input fields for "Full Name", "Mobile Number", and "Address". There is also a "Cash On Delivery" checkbox and a "Make Payment" button. An arrow points to the quantity input field for "Hyderabadi Biryani" which is set to 3.

- ✓ If the Customer wants to remove particular item from the cart list:

The screenshot shows the same web browser window and "MY ORDERS" page as the previous one. The table of items in the cart is identical. However, an arrow points to the "REMOVE" button for the last item, "Kubhanika Meeta", indicating the action to be taken to remove it from the cart.

- ✓ After removing item, the list is with only 6 items, with Grand Total accordingly:

The screenshot shows a web browser window with the URL `localhost/Restaurant/Orders.php`. The page title is "OrderFood...". The navigation bar includes links: HOME, MY ORDERS (6), DONATE FOOD, FEEDBACK, NEED HELP?, and LOG OUT. The main content area is titled "MY ORDERS" and displays a table of items:

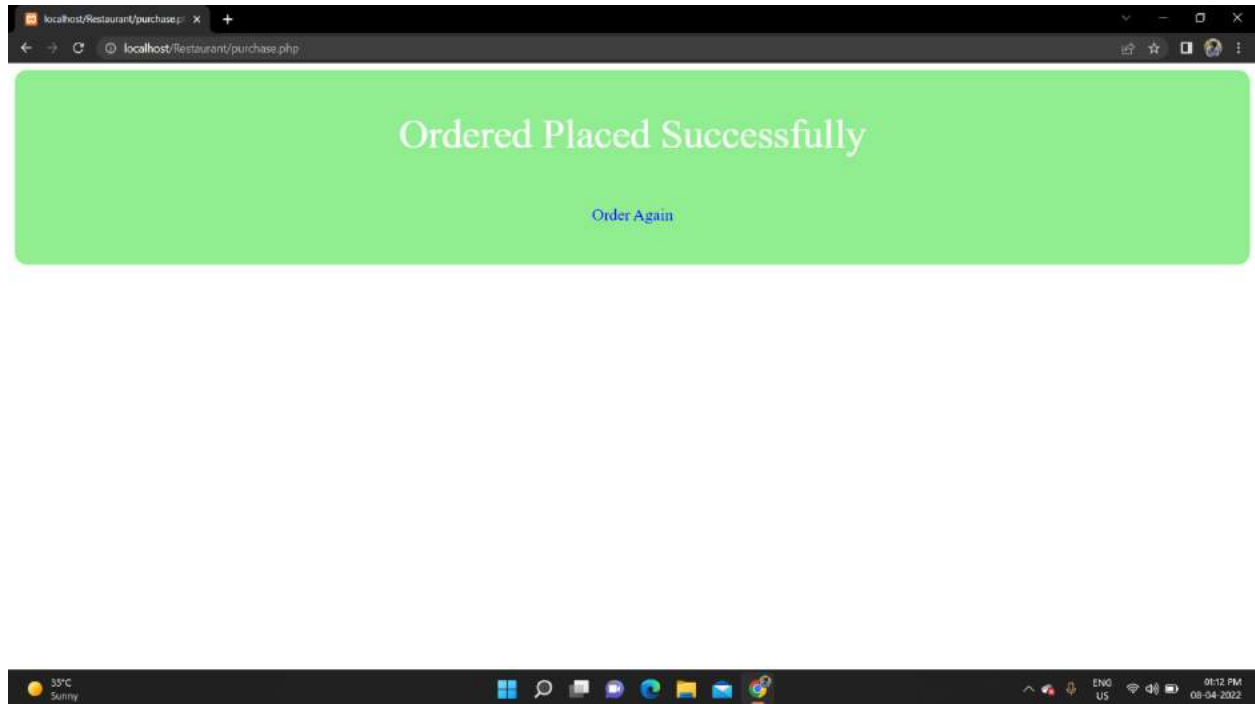
Serial No.	Item Name	Item Price	Quantity	Total	
1	IDLY	60	1	60	REMOVE
2	Hyderabadi Biryani	250	3	750	REMOVE
3	Butter Naan	150	1	150	REMOVE
4	Panner Butter Masala	290	1	290	REMOVE
5	Veg Cheese Pizza	280	1	280	REMOVE
6	Butterscotch Icecream	150	1	150	REMOVE

An arrow points to the 6th item, "Butterscotch Icecream". To the right of the table is a sidebar with the "Grand Total: 1680" and a form for user details: Full Name, Mobile Number, Address, and a "Cash On Delivery" checkbox. A "Make Payment" button is at the bottom of the sidebar.

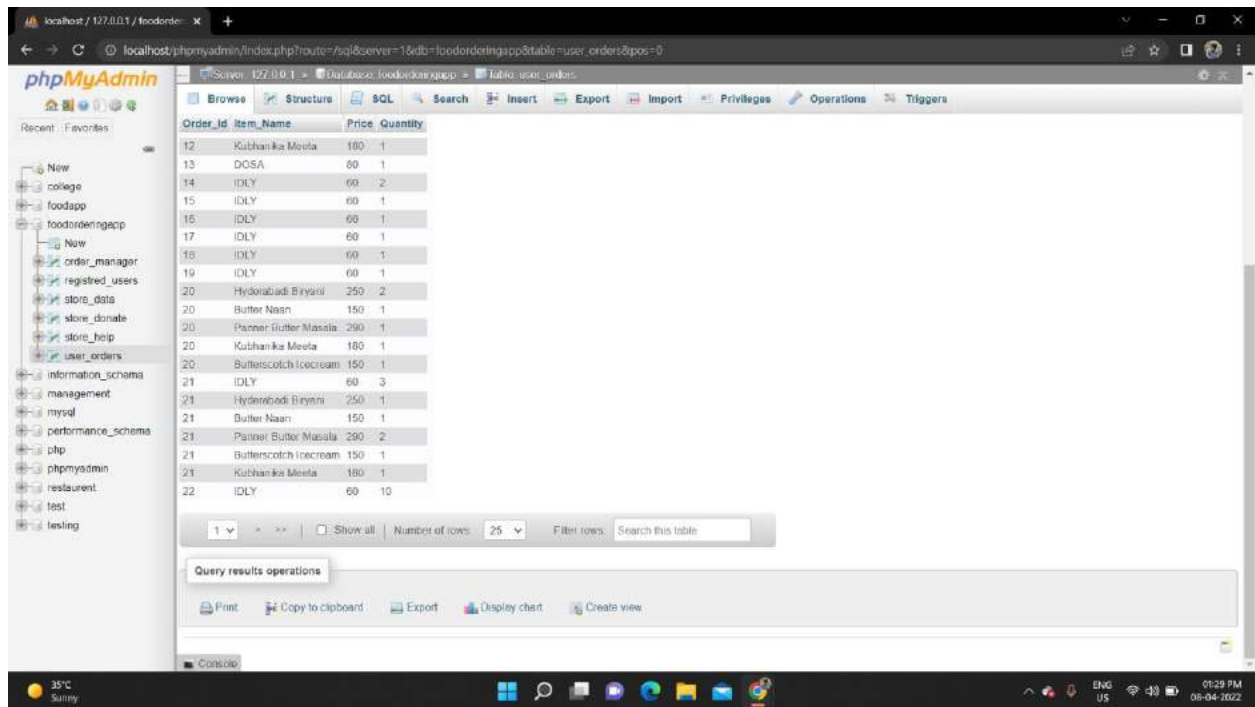
- ✓ If the user wants to Buy 6 items, then enter details asked at right of the website:

The screenshot shows the same web browser window as the previous one. The table of items is identical, but now it includes the 6th item, "Butterscotch Icecream". The sidebar on the right shows the "Grand Total: 1680" and the user details form. An arrow points to the "Grand Total: 1680" and the user details form. The form fields are filled with: Full Name: Jenny, Mobile Number: 8975642315, Address: Hyderabad, Telangana. The "Cash On Delivery" checkbox is checked. A "Make Payment" button is at the bottom of the sidebar.

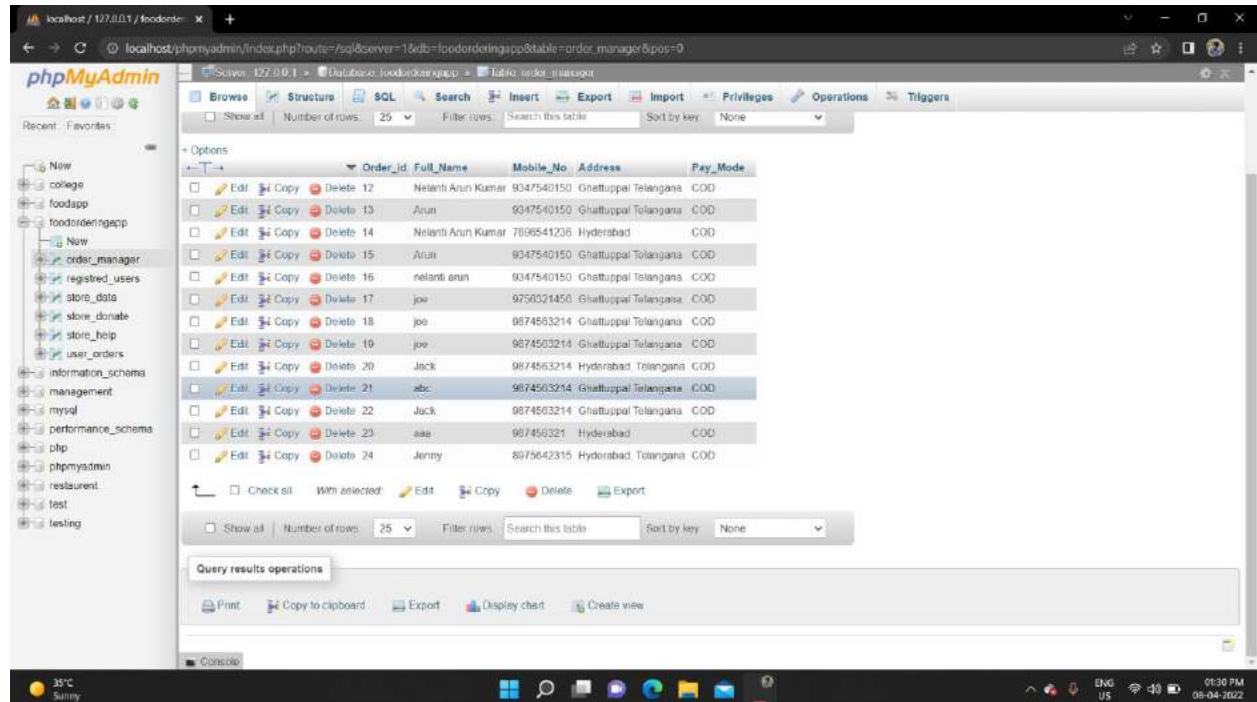
✓ After clicking on make payment:



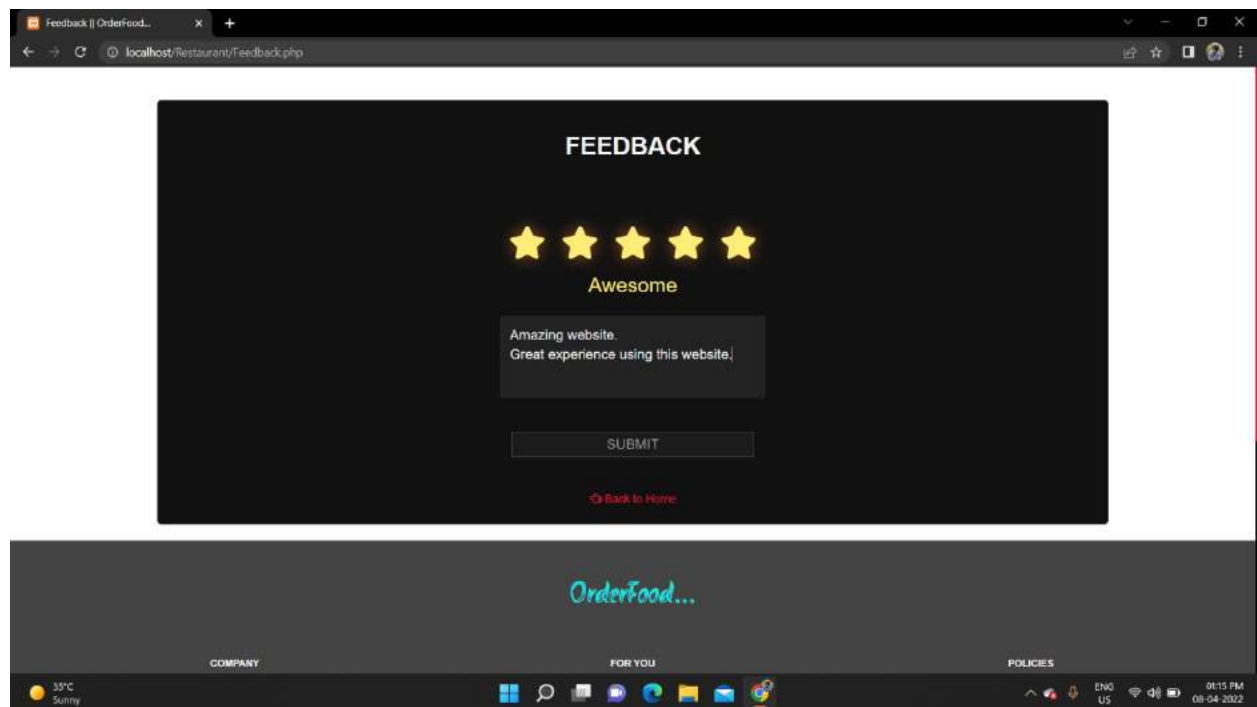
✓ Database for Orders:

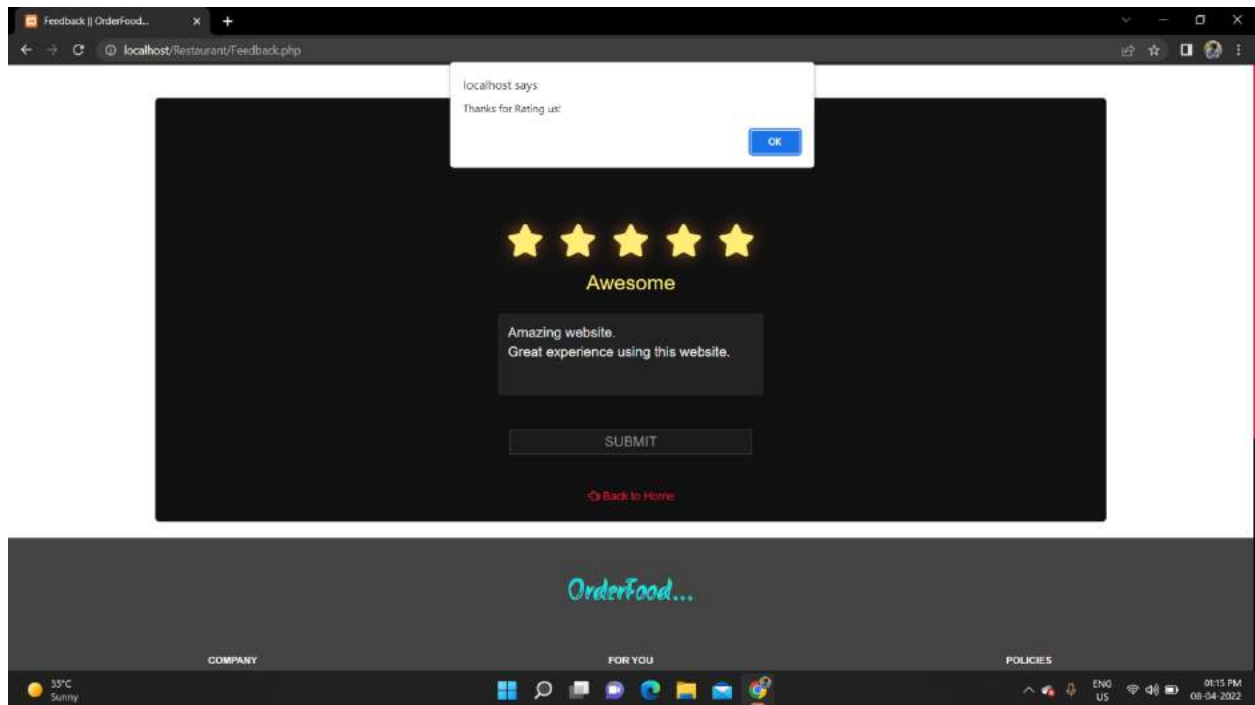


✓ Database for Order manager:

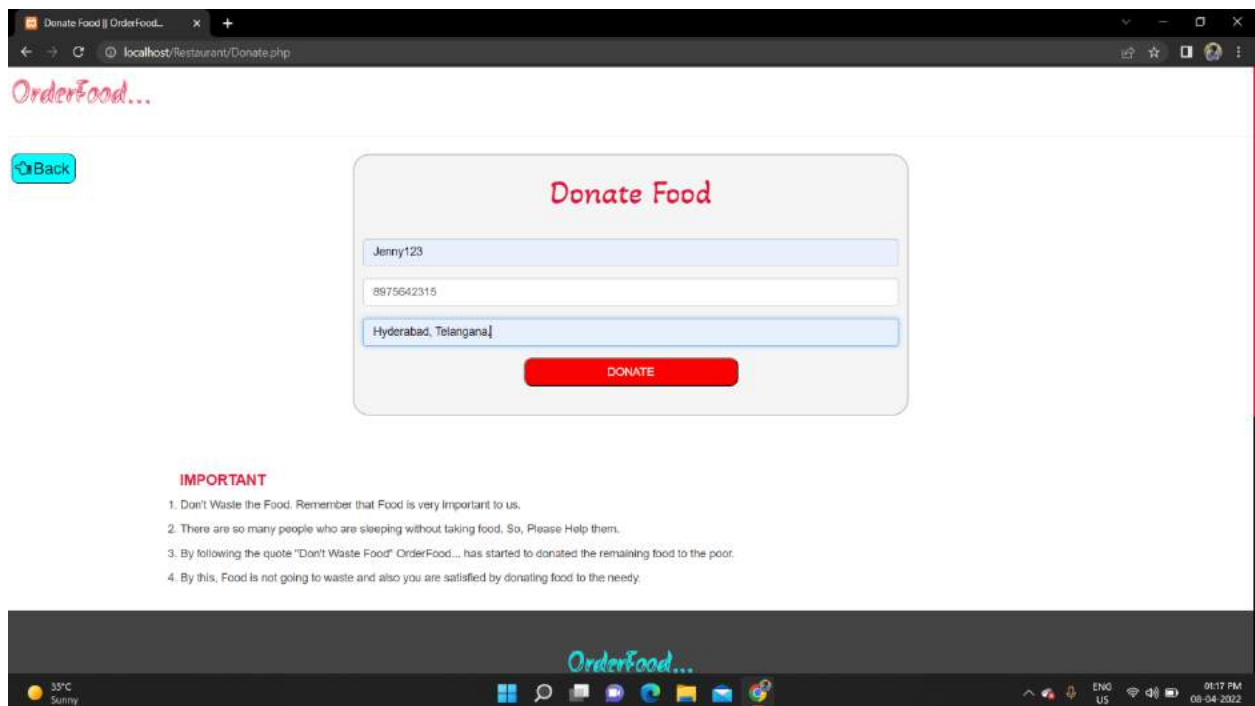


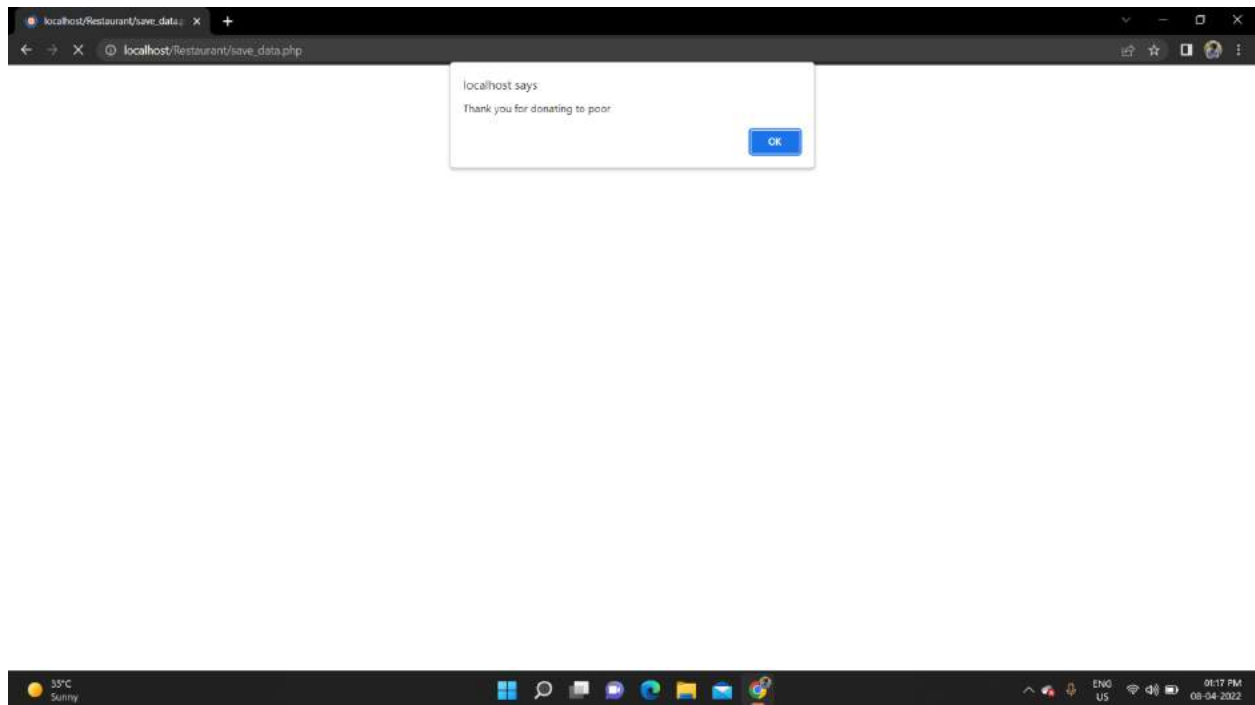
✓ If the Customer wants to give any feedback to the website:



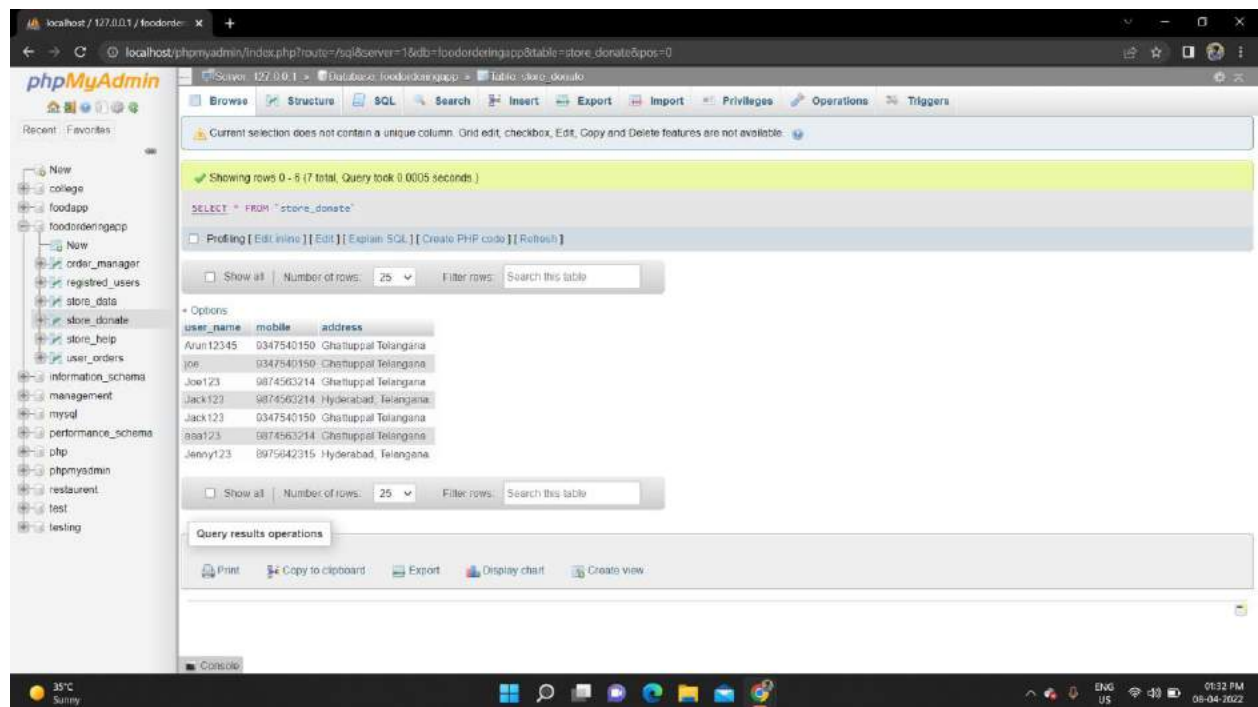


✓ If the Customer wants to donate food, fill all the required details:

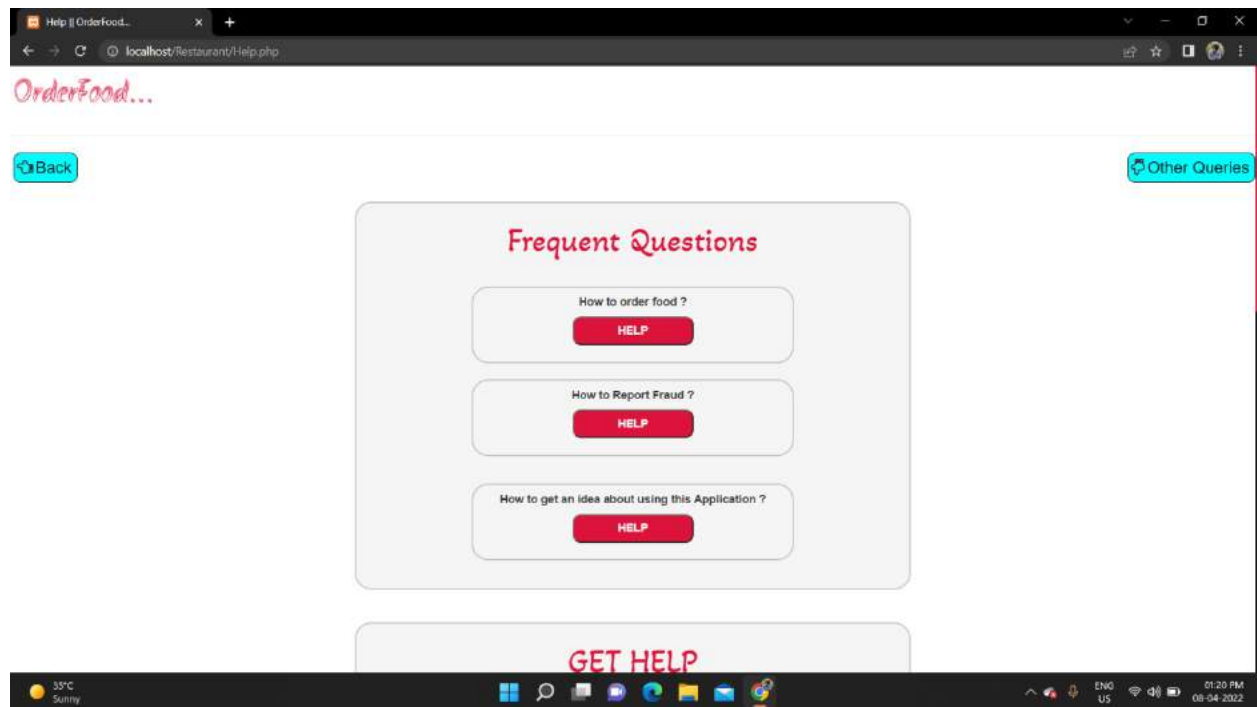




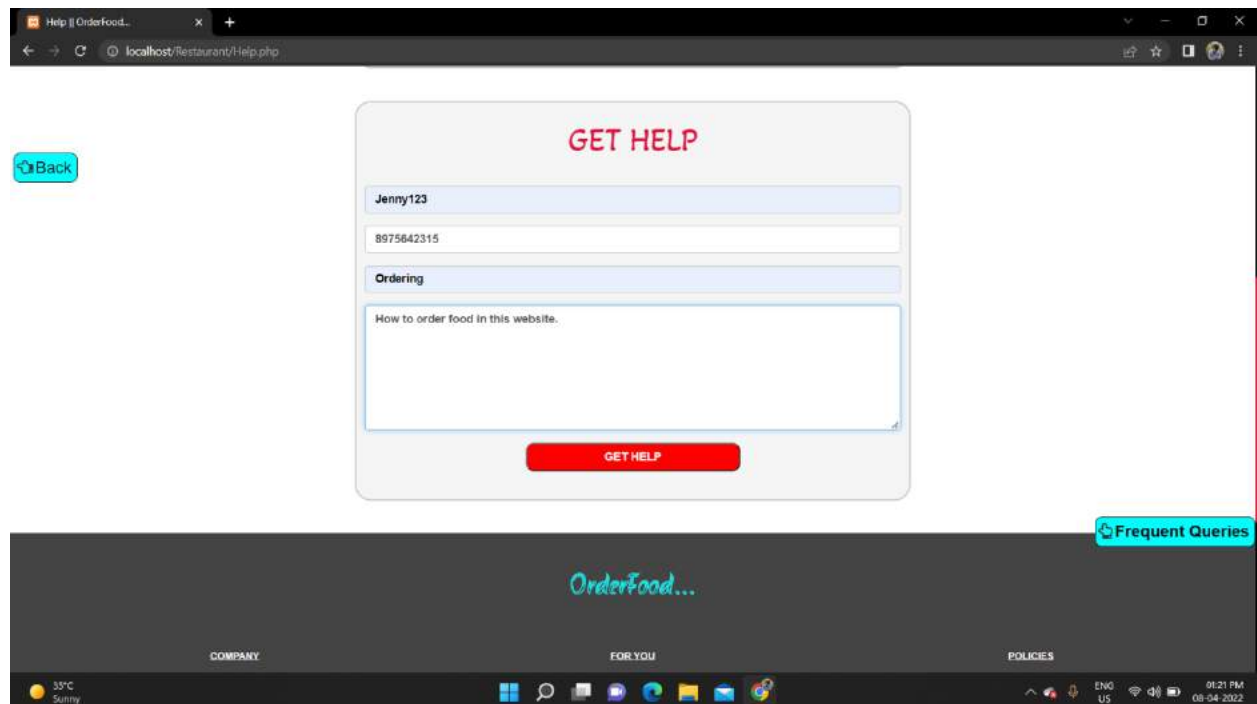
✓ Database for donating food:

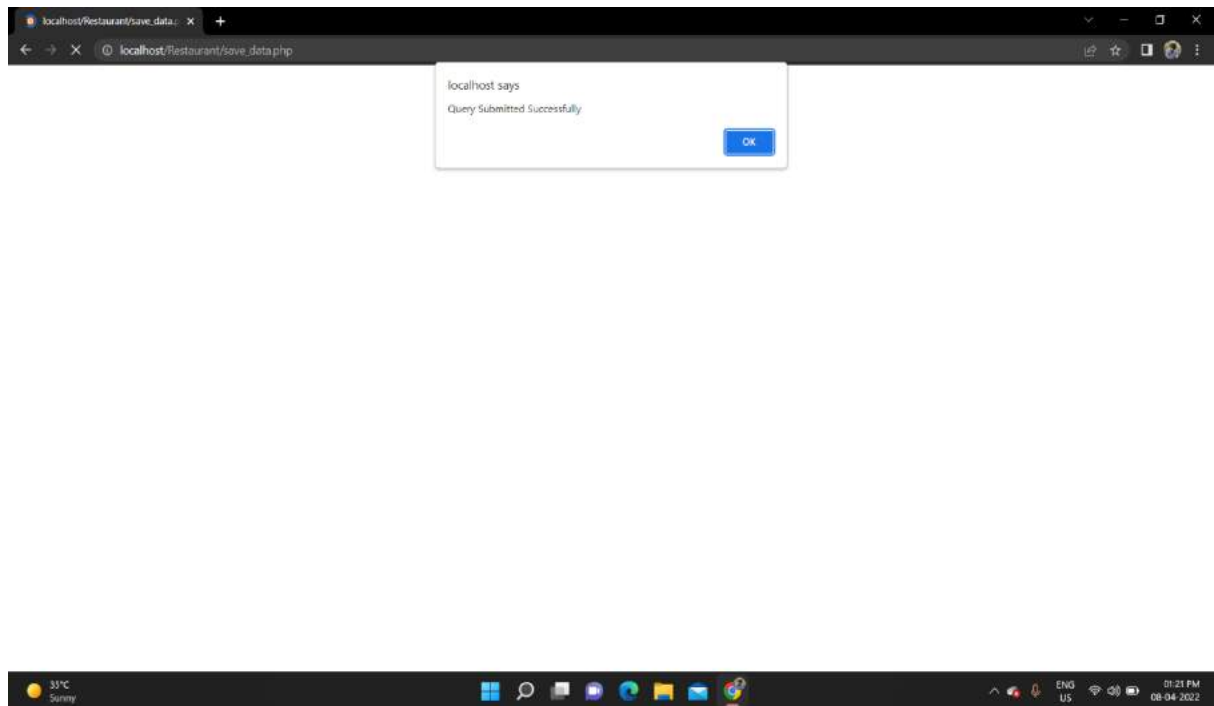
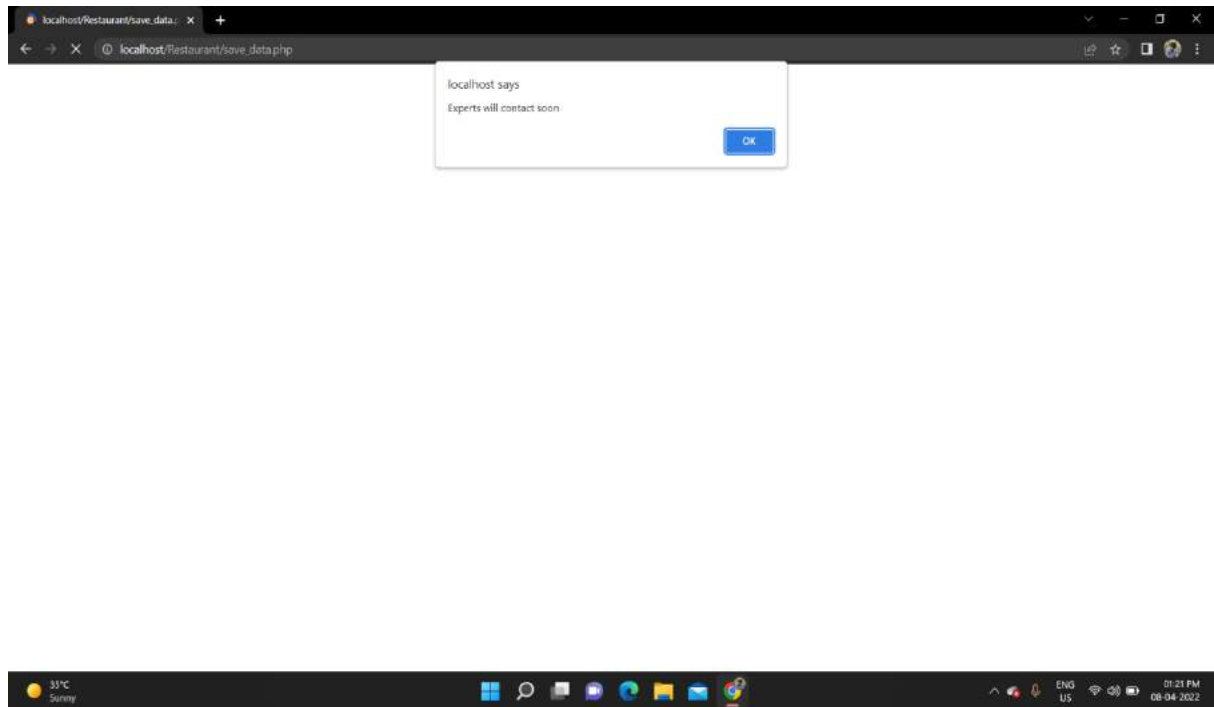


- ✓ If the Customer got stuck or having any query:
- ✓ Here, we can see Frequently asked Questions in the top:

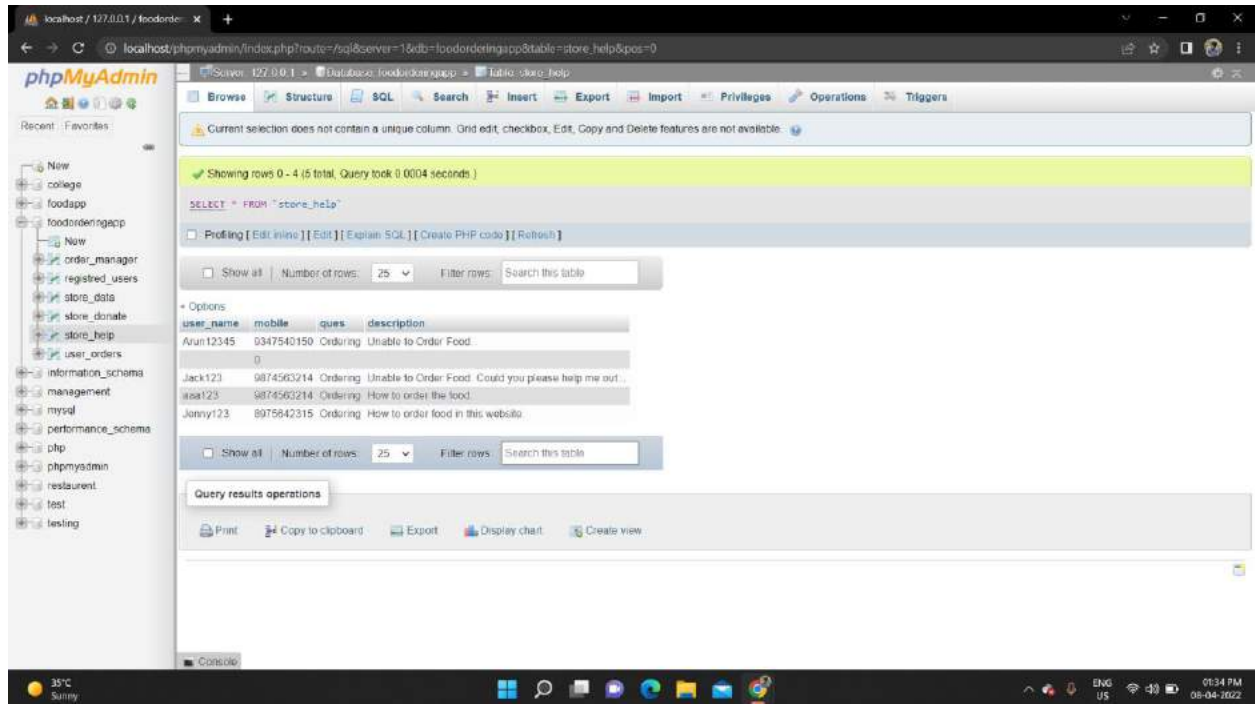


- ✓ If the Customer wants to ask any query, Customer want to fill the asked details:

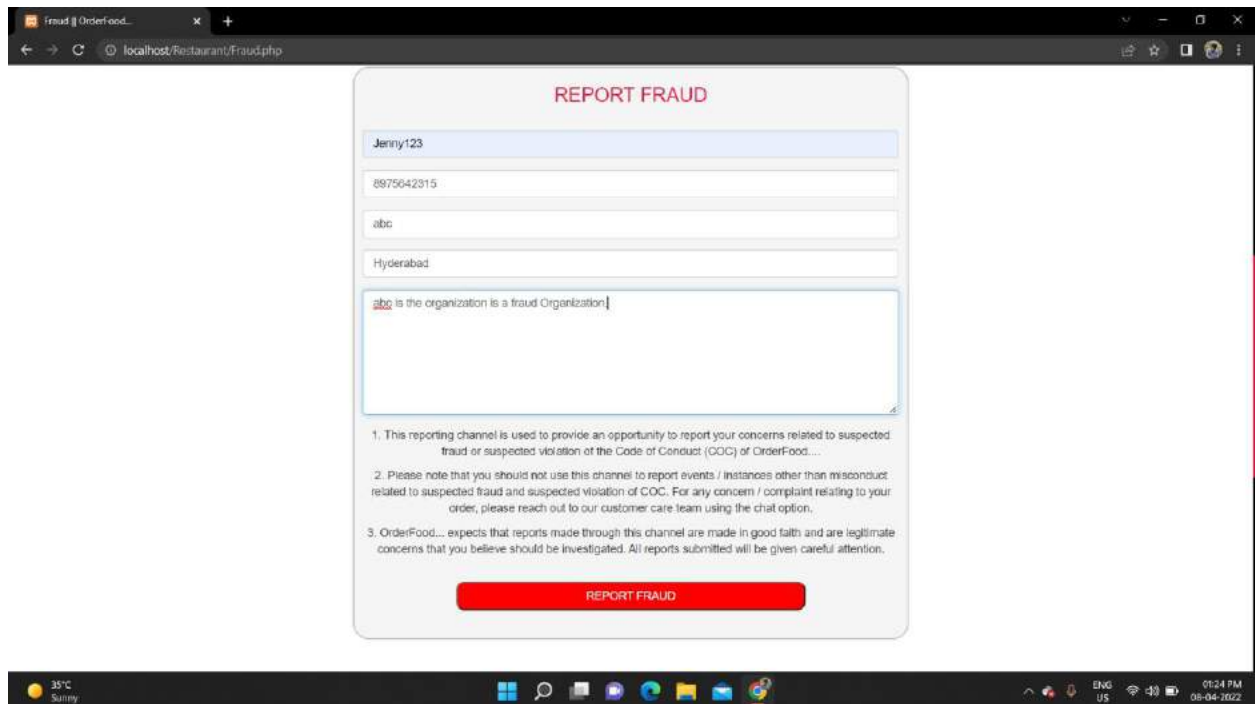


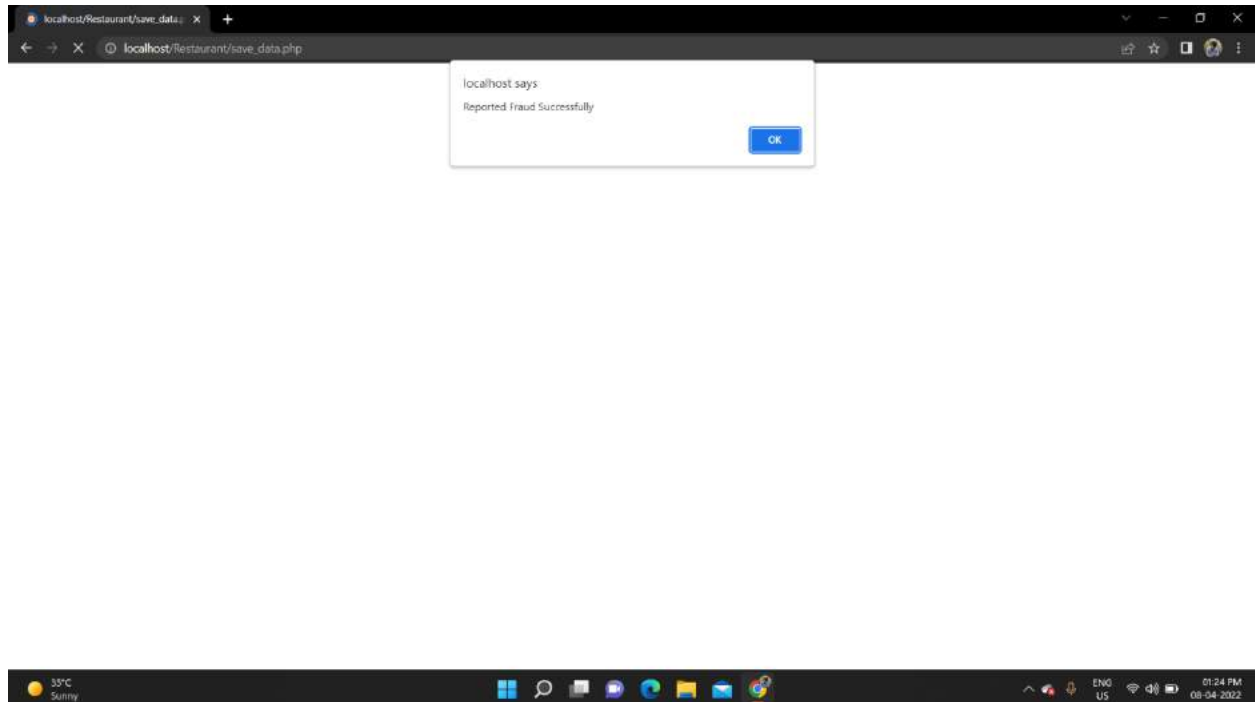


✓ Database for Help page:

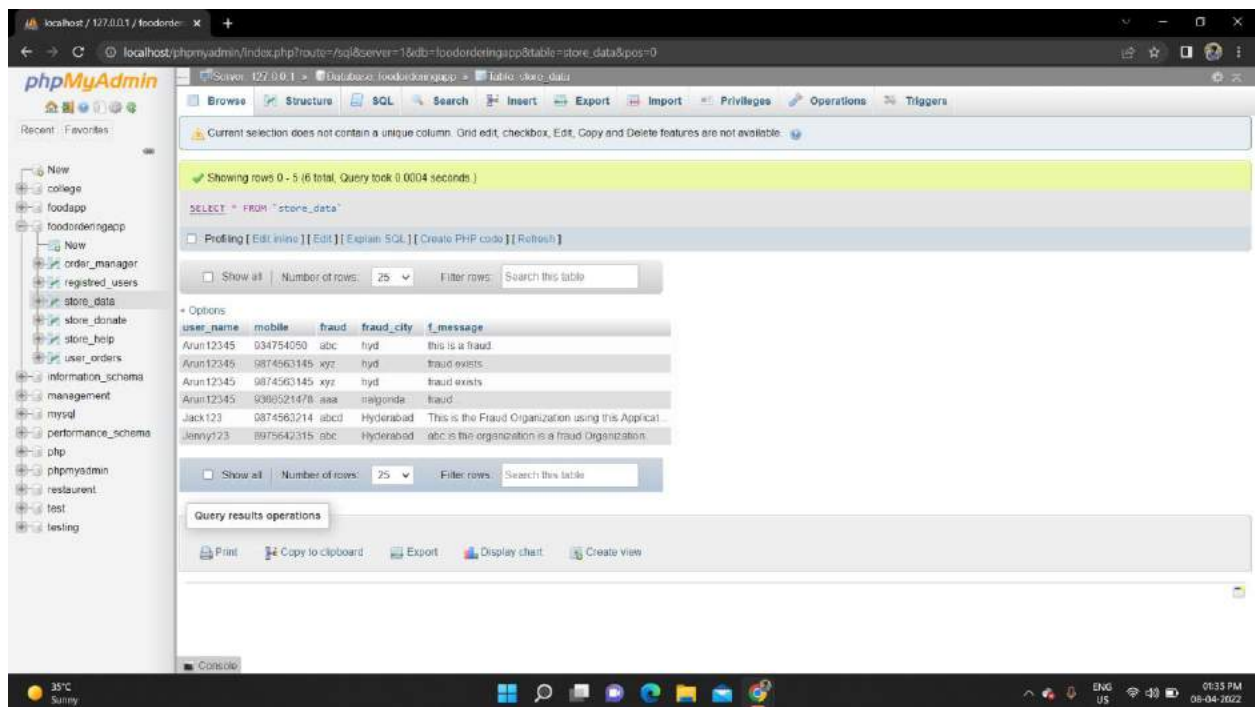


✓ If the Customer wants to report any fraud:





✓ Database for Report Fraud:



✓ If the Customer wants to logout from the website, click on logout and it will redirect to index/login page.

CHAPTER-V

GITHUB LINKS

❖ **GitHub Link:-**

https://github.com/arunkumarnelanti/Food_Ordering_Application

CHAPTER-VI

REFERENCES

❖ **References:-**

- <https://www.w3schools.com/php/default.asp>

CHAPTER-VII

APPLICATION LOGO

❖ **Logo:**



***** **THANK YOU** *****