

RESTAURANT MANAGEMENT SYSTEM

COURSE NAME:-DATABASEMANAGEMENT

COURSE CODE :- 15B17CI372



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Restaurant Management System

The restaurant management software ecosystem is complex and getting more so every year. Restaurant is a kind of business that serves people all over world with ready-made food. This system is to provide service facility to restaurant and also to the customer. This restaurant management system can be used by employees in a restaurant to handle the clients, their orders and can help them easily find free tables or place orders. The main point of this system is to help restaurant administrator manage the restaurant business and help customer for online ordering and reserve table. The user can search for a menu according to his choice i.e. according to price range and category of food and later he can order a meal. This project serves the best way of maintaining customer's information and caters their needs.

Restaurant Manager

He can update information about restaurant, view weekly sales for my outlet, view the current inventory position of the restaurant.

Customer

He can browse through the menu and look at the various food options available in the restaurant along with the price for each item, select items from the menu and add them to my cart/order, have a cart containing all the chosen items so far, accessible all the time.

Chef

He can view the current queue of orders, accept the orders, and update the order status to ready once the order is prepared.

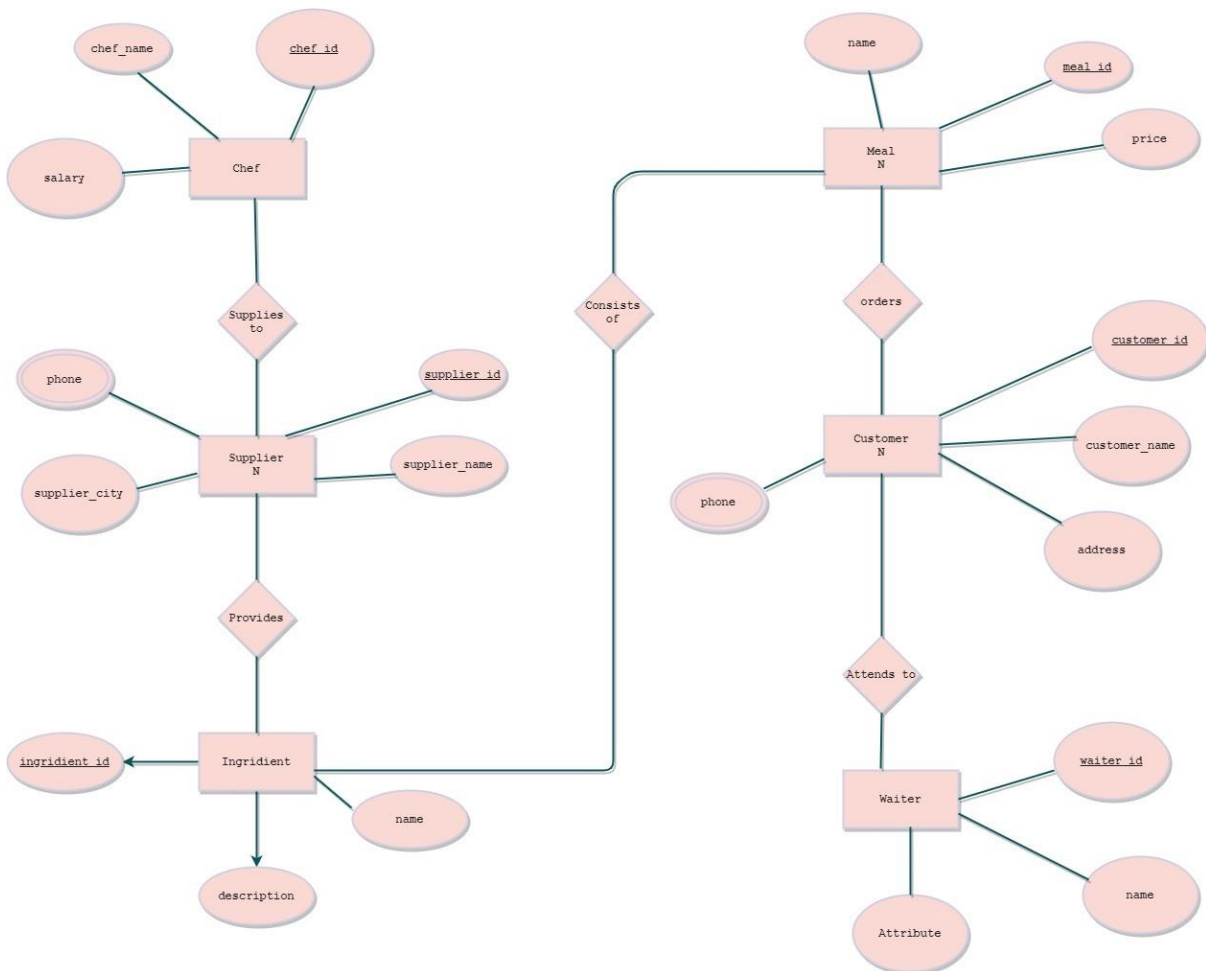
Waiter

He can view the current queue to see the ready orders for pickup, mark the orders as picked up on the common queue, view the feedback of customers concerning the meal and service.

Supplier

He can view the inventory items so as to supply the lacking ingredients to the chef, update the food items as available

when supplied, update information about the ingredients/
food stuff and some of their advantages when consumed.



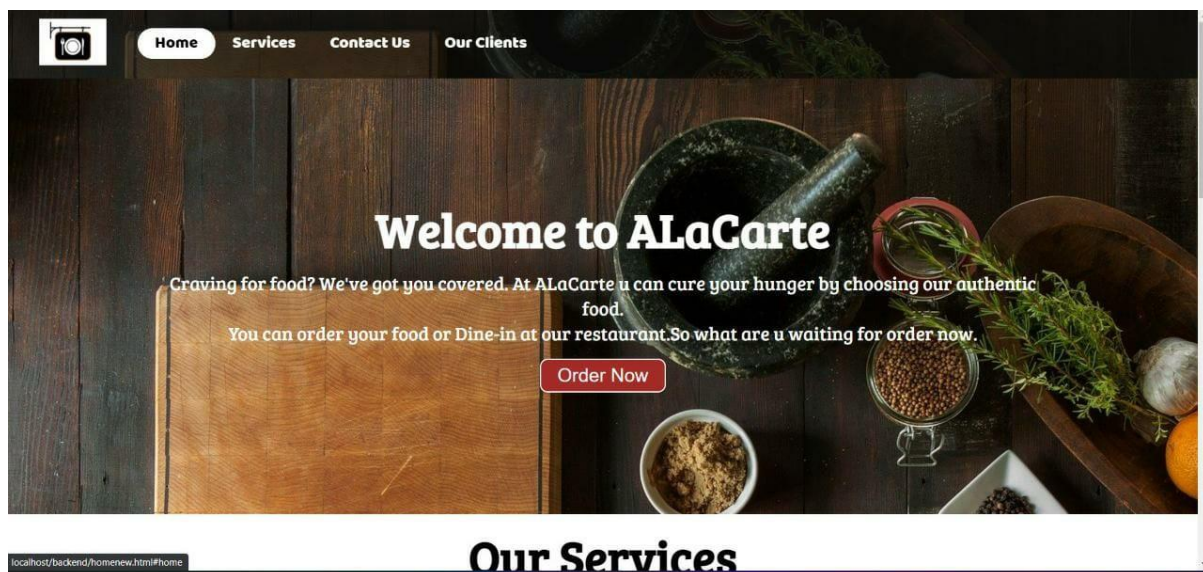
IMPLEMENTATION

Technologies used - CSS, HTML, XAMPP, FLEX BOX, Media Queries
PHP, MySQL, VS Code.

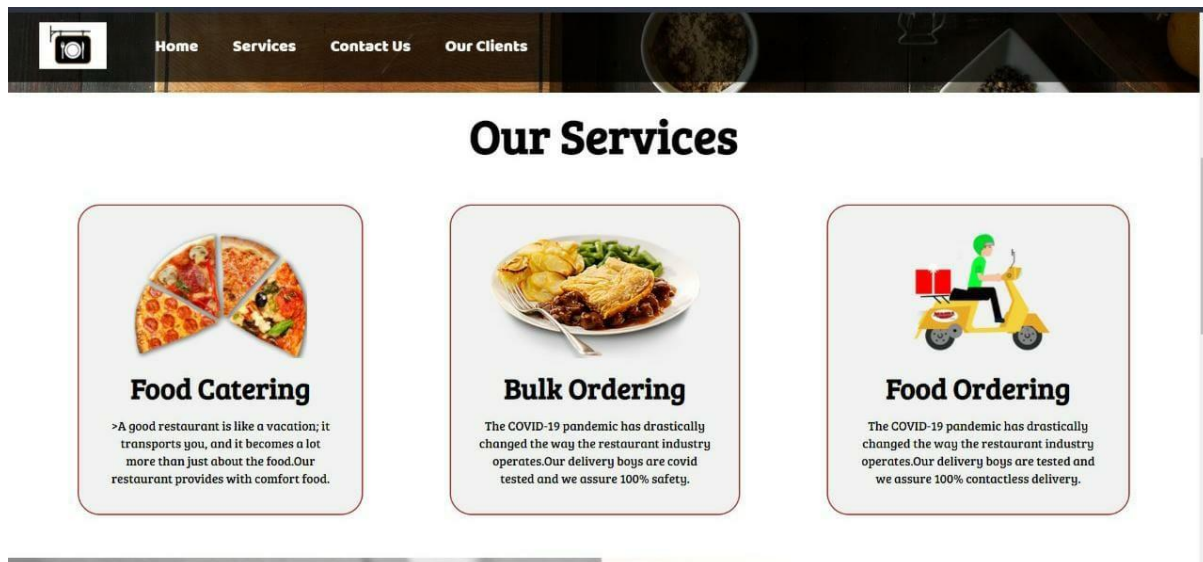
Languages used - CSS, HTML, PHP, MySQL.

SCREEN SHOTS

1.Homepage:



2. Services:



3. Contact Page:

The screenshot shows the 'Contact Us' page of a restaurant website. The header is dark with a camera icon and navigation links: Home, Services, Contact Us, and Our Clients. The main heading is 'Contact Us'. Below it is a contact form with the following fields:

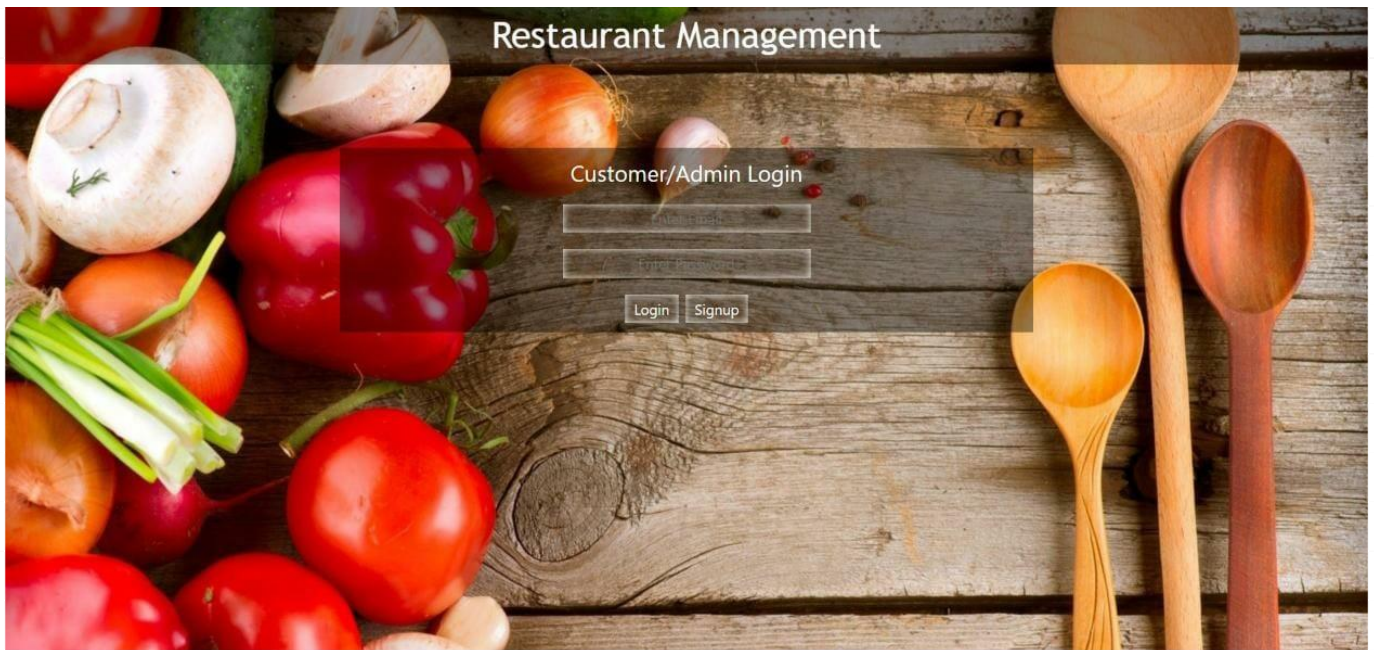
- Name:** Enter your name
- Email:** Enter your email
- Phone Number:** Enter your phone
- What kind of cuisine u like**: A large text area for input.
- Submit**: A button to submit the form.

4. Client Page:

Our Clients



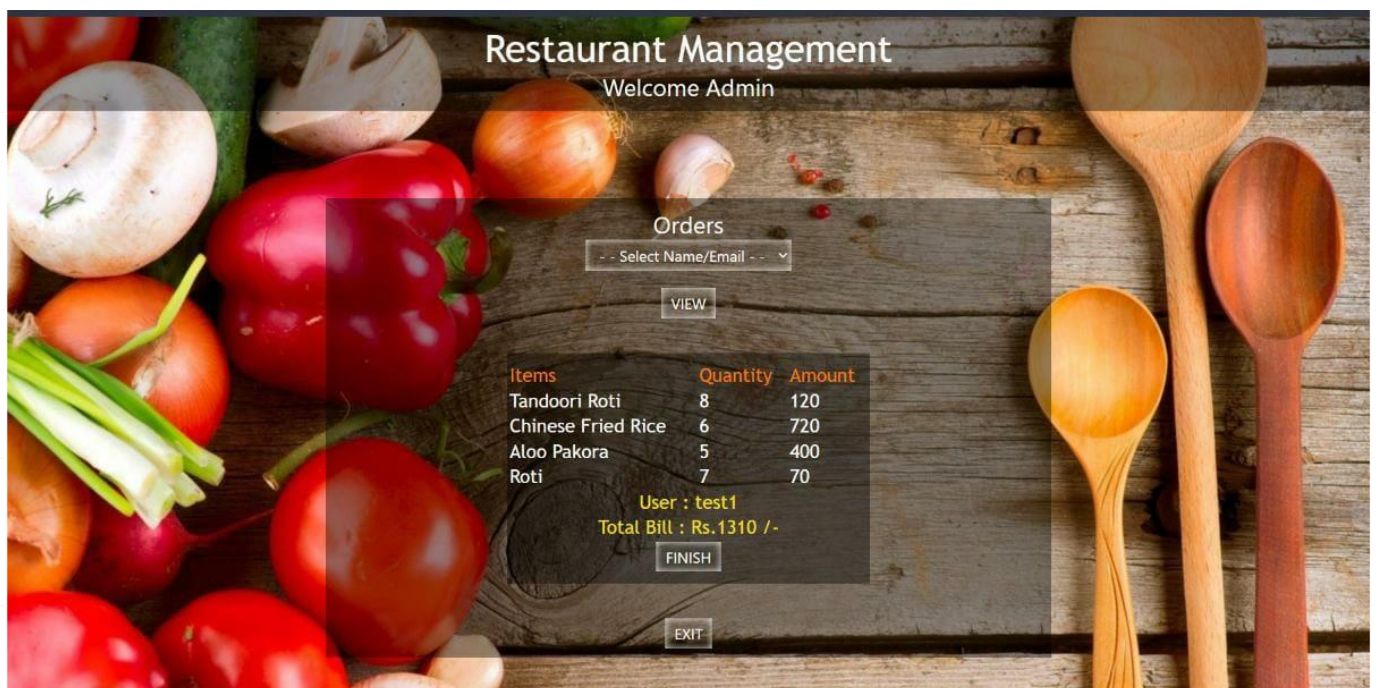
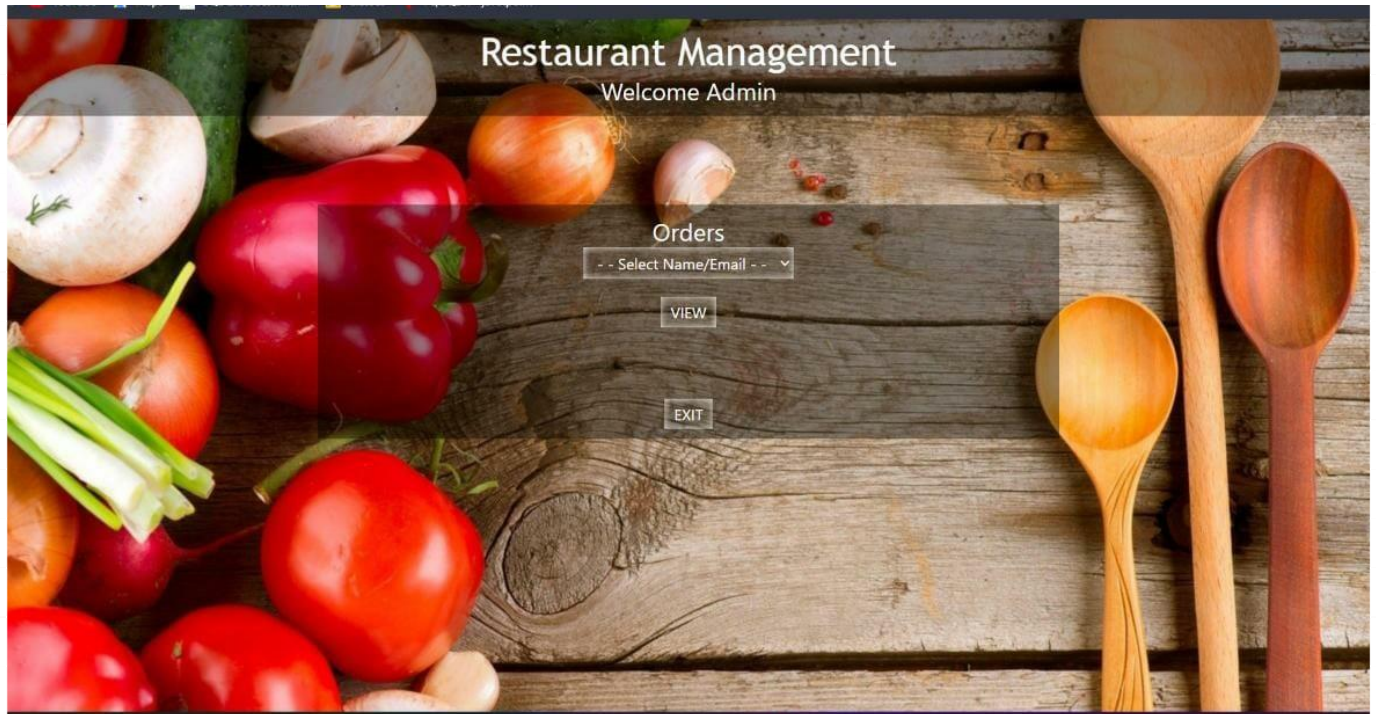
5. Order Now and Login Page:



5. Food Cart:

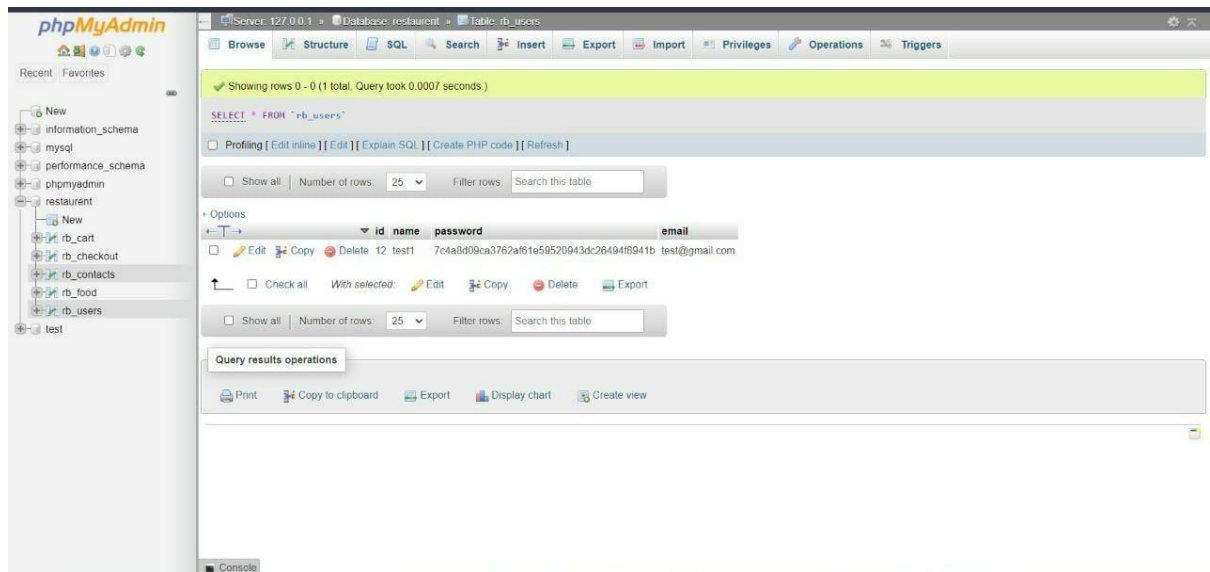


6.Admin Page:

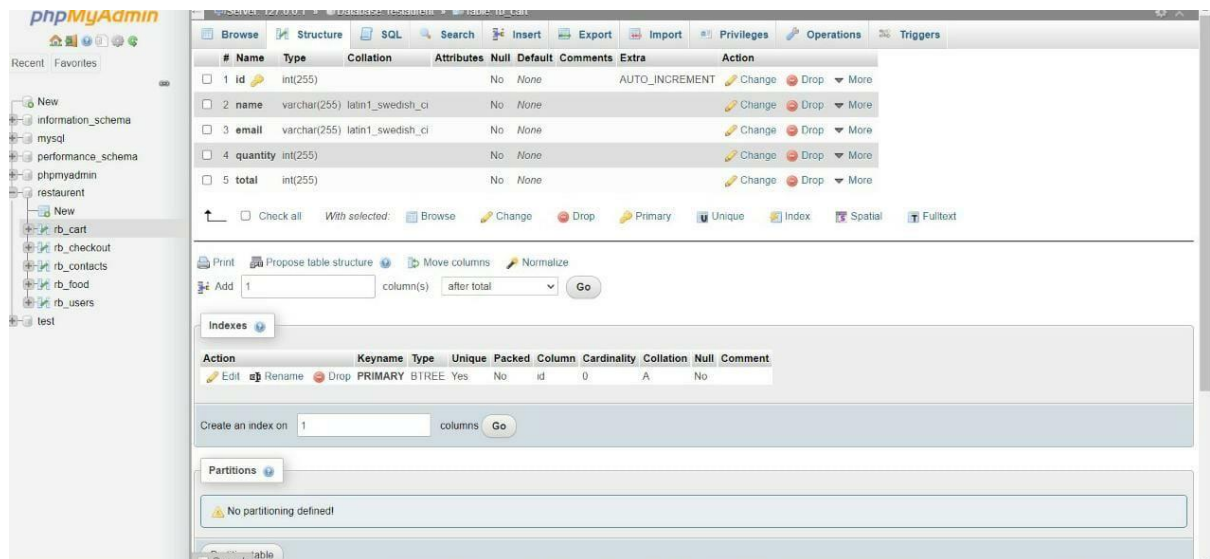


7.Backend screen shots:

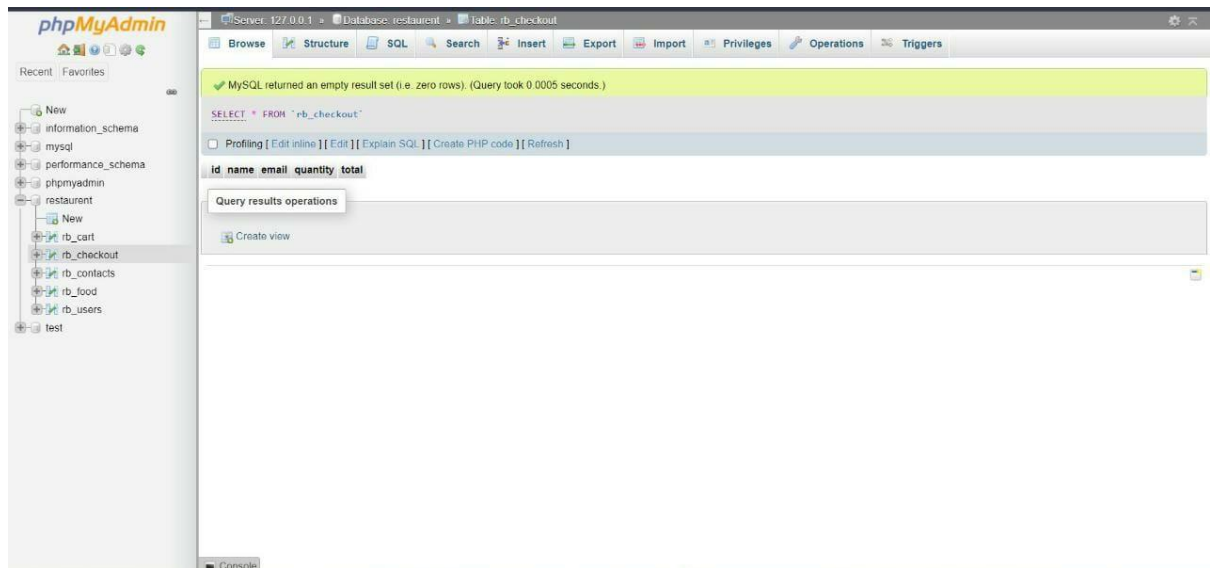
i) Users:



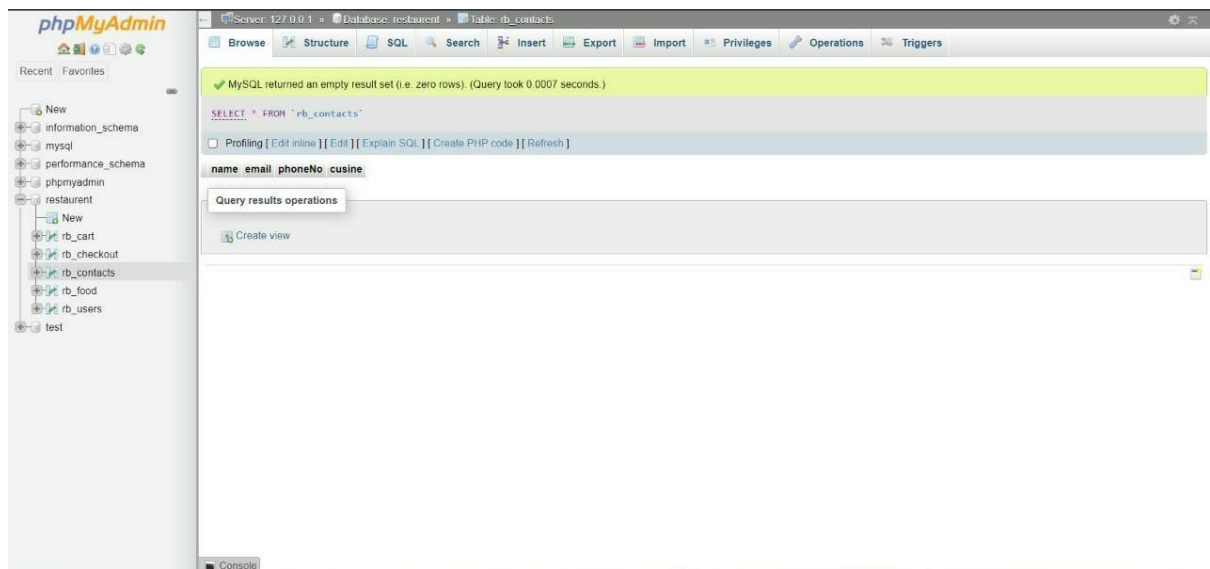
ii) Cart:



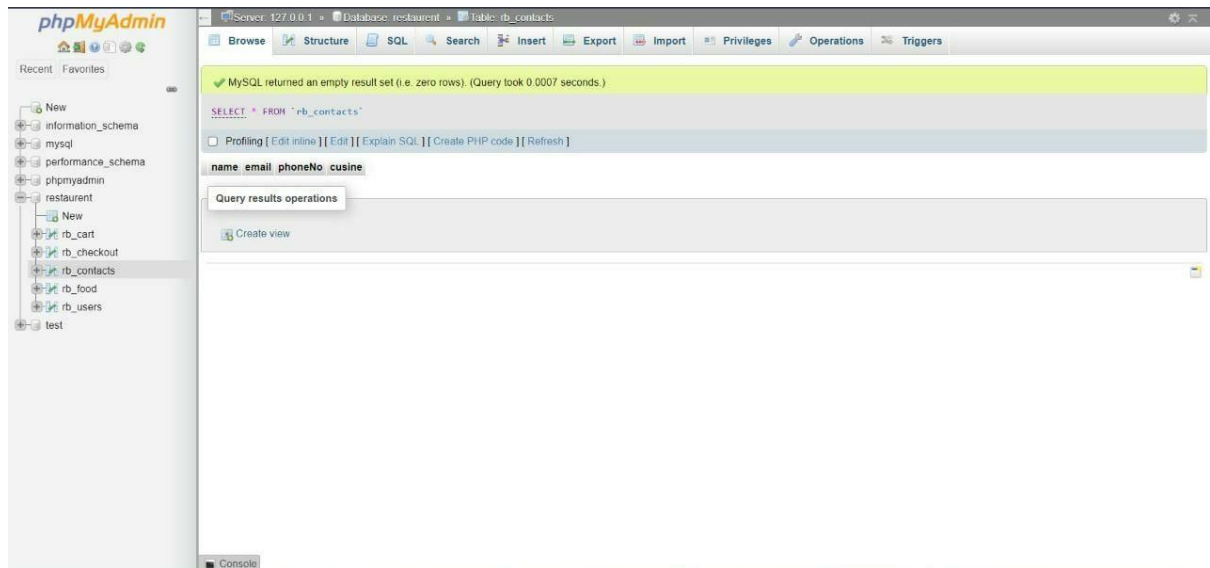
iii) Checkout:



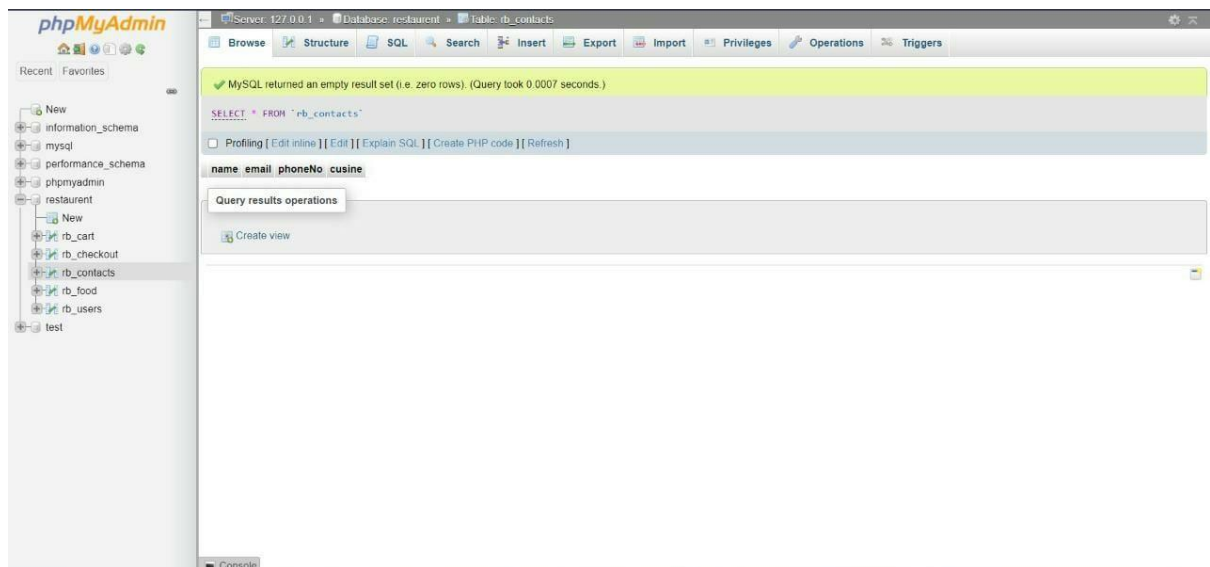
iv)Contacts:



v)Food:



vi)Users:



Future Scope

The online food ordering system is one of the most profitable marketing strategies for restaurant businesses. Online food ordering platforms also prevent missed orders due to busy phone lines or a lack of resources to monitor the phone. The face of the restaurant industry has shifted from the traditional dine-in culture to takeaways, online ordering, and home deliveries. Restaurants are quickly incorporating mobile food ordering

apps in their restaurant management systems to streamline the entire order taking process.

What is an online food ordering platform?

Online food ordering platforms have disrupted the food ordering and delivery process in restaurants. People no more have to shout for their orders in a crowded restaurant, or especially go out to eat at a restaurant. Furthermore, the online food ordering system for restaurants is a trend that is growing at a fast pace. Major Restaurants today just for the convenience factor and increasing revenue are listing their services even online.

Types of online food ordering platforms:

Restaurant apps

Food ordering platforms

Food delivery platforms

Restaurant ordering websites

3rd-party apps like UberEats, Zomato, Deliveroo, etc.

Why do people prefer online food ordering?

As we all know that food is the basic need in every human life, for which everyone is struggling. Yet even after their efforts, if people are still not happy with their sustenance, then the effort given behind it is completely useless. The reasons might be the people are occupied with their busy schedules, they either can't cook or not having time to make food and order their food from outside.

What are the benefits of online food ordering? benefits-of-online-food-ordering

The food ordering process easier for customers as well as for restaurant owners.

Easy order management

Less processing time means less waiting time for food orders.

Live order tracking.

It is very easy to customize the food order.

To know more about the benefits of food ordering platforms visit [here](#)!

Choosing the best food ordering platform for your restaurant business is a tough task! This is due to the fact that adoption for mobile technology has increased in leaps and bounds in the world. Phone orders and booking rates have declined these days extraordinarily.

Mobile apps developed to provide food ordering dedicatedly is now a raging trend for all mobile users. With more than 2 billion mobile users, an app is today the best way to promote the restaurant.

The following trends will help to understand the Future scope of online food ordering by Restaurant App.

Drive Sales with Social Media

The popularity of smartphones and the usage of social media platforms using smartphones is known to the world. So, it must not be a surprise that food chains are now including provisions of using their mobile application for ordering to promote their sales.

Food chains like Domino's and Pizza Hut even have the provision to create a profile for customers where their contact info and preferring to store the pizza menu. Hence, customers can order a pizza using their smartphone by texting emojis. What can be easier than this? What does it mean to be successful on social media?

Focus on what matters to your restaurant brand. As a restaurant owner, you need to understand the ROI of your social presence. You need to get more orders and traffic into your food business. That's the bottom line. Let's take a look at how to use social media to boost sales for your restaurant.

Mobility and Ease

With the online mobile payment feature ordering food using restaurant based apps has become easier these days. There occurs no requirement to make use of cash. One can order food online using online payment modes right from the restaurant ordering app.

Customers can also save up payment-related information.

References:

1.<https://www.restroapp.com/blog/future-online-food-orderingrestaurant-app/>

2.<https://www.w3resource.com/>

3.[geeksforgeeks.org](https://www.geeksforgeeks.org/)