E-Foody

The aim of an online restaurant table management system named E-foody is to reserve a table through the system. E-foody also provides users with food recommendations and online orders to the reserved table. The system is beneficial for the restaurant as well as its users. Users can place orders based on food recommendations. By facilitating prior table booking, providing food recommendations, and delivering the necessary food products, E-foody is a function that aids consumers in accessing menu items and avoiding long queues. Restaurant table booking should be divided into two modules:

- User Module
- Admin Module

User Module

The user module of E-foody contains descriptions and features of the restaurant. It contains a menu with "home," "reservation," "about," and "login/register”. The user can reserve a table, place an order for the reserved table, and advance payment on the reservation. The user can reserve a table at a particular date and time on the restaurant's website. It comprises the input fields for the number of chairs and the availability of sections at given dates and times. If it is, the consumer chooses a table, which is subsequently identified with a token for each table if it is available. The food ordering section is reached after the choice has been made. The food menu should be divided into sections such as vegetarian, non-vegetarian, desserts, snacks, and so on. Content filtering is made possible according to the food items. The user can sort it based on their interests and preferences. Capable of adding and removing items as well. It navigates to confirm the ordered section and to the payment section.

Admin Module

The admin module of E-foody includes the point of view from the restaurant. It contains user details, inserting table details, menu details, totals for orders, and current order details. It also contains management of the food orders. Manage Order is divided into three sections. A transaction contains the transaction details of the user. The "booked" section includes the table with booked orders. Order status includes the time associated with the ordered items in a specific table.

Technology

Food recommendations can be made possible according to the user's search. Content filtering is available on the food products. A chatbot implemented with vuejs and nodejs

will help the users interact with the system with ease. The website should be hosted and implemented using cloud technologies.

System Overview

Frontend: Vuejs

Backend: Nodejs

Database: MySQL