

St Aloysius College (Autonomous), Mangaluru  
Department of Computer Science, Application &  
Animation

VI Semester BCA

## Eatables

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# **Project Synopsis**

## **Title of the Project**

Eatables

## **Abstract**

The proposed system allows users to discover new food options and read reviews based on their location. Users can search for restaurants and other food establishments in their area, view information about each one, and read reviews from other users. They can also leave their own reviews and ratings. Additionally, the proposed system helps users to calculate daily calorie needs and can also ask related queries to the client, also read blogs posted by the client.

## **Objective of the Project**

The main objective of this web application is to provide a platform for users to discover new food options and make informed decisions about where to eat based on the experiences of other users.

Making it easy for users to find information about restaurants, including menus and map directions.

Providing a platform for users to share their own experiences and opinions about the hotels they've visited.

Creating a community of food enthusiasts who can share recommendations and discover new places to eat together.

Users can calculate their daily calorie needs based on their weight, age, and activity level.

Helping restaurants increase their visibility and attract new customers.

**Project Category** – Web-based Application

## **Language(s) to be used**

Frontend : HTML, CSS & JavaScript

Backend : PHP

## **Structure of the proposed project**

**User authentication and registration:** Users will need to create an account in order to use the app's features. This will include a login system, as well as options for creating a new account or resetting a password.

**Search:** Users will be able to search for food establishments in their area using various criteria such as location, cuisine, rating.

**Establishment information and reviews:** Users will be able to view detailed information about the food establishments they search for, including photos, menus, contact information. They will also be able to read and write reviews about the food establishments.

**Map view:** Users will be able to view the food establishments on a map, making it easy to see the locations of recommended places.

**Admin Panel:** A separate panel for the admin to manage the app, view analytics, handle complaints and reviews.

**Front-end:** The application will have a front-end to handle the user interface, navigation and presentation of information.

**Database:** The application will rely on a database to store information about users, food establishments, and reviews.

**Back-end:** The application will have a back-end to handle the logic and communication with the database.

## **Module Description**

1. Administrator
2. Expert
3. General User

#### 4. Guest User

### 1. Administrator

**Managing user accounts:** The admin will be able to view, edit, and delete user accounts if necessary.

**Managing food establishments:** The admin will be able to view, add, edit, and delete food establishments and their details such as menus, and contact information.

**Managing reviews:** The admin will be able to view, and delete reviews if necessary.

**Handling complaints:** The admin will be able to handle user complaints and reviews, and take appropriate action when necessary.

### 2. Experts

The expert provide professional and personalized advice to users regarding their calorie needs, healthy eating habits, and other related topics.

Experts can also create articles based on health facts .

### 3. General User

**User authentication:** Users will need to create an account in order to use the app's features, and will be able to log in and out of their account as necessary.

**Establishment information and reviews:** Users will be able to view detailed information about the food establishments they search for, including photos, menus and contact information. They will also be able to read and write reviews about the food establishments.

**Favorite :** Users will be able to save their favorite food items. for easy access later and also get recommendations based on their search history and liked places.

**User profile:** Users will be able to view and edit their own profile information, such as their name, email address, and password.

**User reviews:** Users will be able to view their own reviews and ratings of food establishments.

**User complaints:** Users will be able to submit complaints or feedback regarding their experience with the app.

**Calorie Tracker:** Users can calculate their daily calorie needs based on their weight, age, and activity level. They can set reminders to help them maintain a healthy diet by reminding them when and what to eat.

## **Any other information**

IDE : Visual Studio Code

Services : XAMPP, Google Maps API, Git & GitHub

## **Future scope of the Project**

**Integration with other platforms:** The app could be integrated with other popular platforms such as social media, allowing users to share their reviews and recommendations with a larger audience.

**Personalized recommendations:** Using machine learning to provide even more personalized recommendations to users based on their search history, reviews and ratings, and other data.

**Mobile app:** Developing a mobile app version of the web app, allowing users to access the app's features on their smartphones and tablets.

**Advanced search filters:** Adding advanced filters such as dietary restrictions, price range, and distance to help users find the perfect food establishment.

**Integrating loyalty programs:** Integrating a loyalty program feature to reward frequent users, and also to attract new users.

## **Bibliography**

Node JS Documentation

<https://nodejs.org/en/docs/guides/>

React JS Documentation

<https://beta.reactjs.org/>

Reddit community for NodeJS.

<https://www.reddit.com/r/node/>

W3School modules for HTML, CSS & JS.

<https://www.w3schools.com/>

Stack overflow for discussion

<https://stackoverflow.com/>