

## **Key features to consider:**

1. **User Authentication:** Implement user authentication and registration functionality, allowing users to create accounts, log in, and manage their profiles. This will ensure personalised experiences and enable features like saving favorite restaurants or customised preferences.
2. **Restaurant Listings:** Create a searchable and filterable list of restaurants, allowing users to browse through available options. Include features such as sorting by cuisine type, ratings, or special offers.
3. **Menu Display:** Showcase restaurant menus, including categories (appetisers, entrees, desserts, etc.) and detailed descriptions of dishes. Implement a visually appealing and user-friendly interface for browsing menus.
4. **Ordering:** Enable users to place orders for delivery or pickup directly from the app. Provide options for specifying special requests or dietary preferences.
5. **Reviews and Ratings:** Allow users to leave reviews and ratings for restaurants they have visited. Display aggregated ratings and reviews for each restaurant, helping users make informed decisions.
6. **Favourites:** Enable users to save their favorite restaurants and dishes for future reference.

## **User Related**

1. **User Registration:** Implement a registration form where users can create their accounts. Collect necessary information such as name, email address, password, and any additional details you require. Differentiate between restaurant owners and normal users during the registration process.
2. **User Login:** Create a login screen where users can enter their credentials to access the app. Validate the entered information and authenticate the user based on their user type (restaurant owner or normal user). Use secure authentication mechanisms like Firebase Authentication for user login.
3. **User Profiles:** Allow users to manage their profiles after logging in. Users should be able to update their personal information, and other relevant details. Implement separate profile sections for restaurant owners and normal users.
4. **Restaurant Owner Dashboard:** Create a dedicated dashboard or control panel for restaurant owners. This dashboard should allow them to manage their restaurant details, update menus, view and respond to user reviews, track orders, and access relevant analytics. Ensure the

dashboard provides a smooth and intuitive user experience.

5. **Forgot Password and Account Recovery:** Provide a mechanism for users to recover their accounts if they forget their passwords. This can involve sending password reset links via email or implementing security questions for account recovery.

### **Restaurant Related**

1. **Restaurant Name:** Clearly display the name of each restaurant in the listings. This helps users easily identify and distinguish between different establishments.
2. **Cuisine Type:** Indicate the type of cuisine offered by each restaurant. This can include categories such as Italian, Asian, Mexican, or any specific cuisine styles or specialties.
3. **Ratings and Reviews:** Display the average rating of each restaurant based on user reviews. Additionally, include the number of reviews received.
4. **Opening Hours:** Display the operating hours of each restaurant, including opening and closing times for different days of the week. This information helps users plan their visits or decide on delivery/pickup options.
5. **Price Range:** Indicate the approximate price range of the restaurant, such as low, medium, or high. This gives users an idea of the expected cost when choosing a restaurant.
6. **Special Offers:** Highlight any ongoing promotions, discounts, or special offers provided by the restaurant. This can include happy hour deals, seasonal discounts, or exclusive offers for app users.
7. **Featured Dishes:** Showcase a selection of featured or popular dishes from the restaurant's menu. This can be accompanied by appetising images or brief descriptions to entice users.
8. **Contact Information:** Provide relevant contact details for the restaurant, such as phone number or email address. Consider adding a "Call" or "Email" button to facilitate direct communication.
9. **Delivery/Pickup Options:** Specify whether the restaurant provides delivery or pickup services. Include details on delivery areas, delivery fees, minimum order requirements, or any specific instructions for pickup.

### **Menu Related**

1. **Menu Categories:** Organise the menu items into categories such as appetising, main courses, desserts, beverages, etc. This helps users navigate the menu easily and find specific types of dishes.
2. **Dish Names:** Clearly display the names of each dish on the menu. Make sure the names are descriptive and easy to understand.

3. **Descriptions:** Provide brief descriptions or summaries for each dish. Include relevant details about the ingredients, cooking methods, flavours, or any special features of the dish. Descriptions can help users make informed choices and entice them to try new dishes.
4. **Prices:** Indicate the prices of each dish or item on the menu. Ensure the prices are clearly visible and easy to read. Consider formatting them consistently to maintain a uniform appearance.
5. **Allergen Information:** If possible, provide allergen information for each dish, listing common allergens such as peanuts, dairy, soy, etc. This information helps users with allergies or dietary restrictions make informed choices.
6. **Dish Images:** Include appetising images of the dishes whenever possible. High-quality images can enhance the visual appeal of the menu and give users a preview of what to expect.
7. **Specials or Chef's Recommendations:** Highlight any special dishes, chef's recommendations, or daily specials. This can help users discover unique or popular items on the menu.
8. **Dish Ratings:** If your app allows users to leave ratings or reviews for dishes, consider displaying the average rating or user feedback for each dish.