**Use-Cases**

**List of Actors:**

1. User (Foodie)

2. Restaurant

3. Critic

4. Admin

We have divided all the use-cases in 4 categories: User (Foodie), Restaurant, Critic and Admin. The list of all the use-cases is as follows:

**User (Foodie) Use-Cases:**

**1. User Register**: The user opens the Gourmand app and selects to register with the app. The system displays a register form to be filled up by the user. The user enters the first name, last name, email address, password and phone number in the form and selects to register with the app. The system accepts and saves the user data to the database and takes the user to dashboard.

**2. User Login**: The user is already registered user and opens the Gourmand app. System displays the Login Screen to the user with Username and Password to be entered by the user. User enters username (email address) and password and clicks on Login button. The system verifies the username and password and if correct, logs the user into the system and displays the dashboard to the user.

**3. Search Restaurant**: System displays a search bar to the user for entering the city name. User enters city name in the search bar. Now, System displays the search bar for the user to enter name of the restaurant. User enters name of the restaurant and clicks the search button. System displays all the restaurants matching the search criteria and also displays below that some featured restaurants list based on the search criteria of the user. System also displays search filter options. User selects the filter options from the filter bar and filters the search based on cuisine, rating, price range, distance, and other features like coupons available, order tracking, newly opened, open now, free delivery, express delivery and rapid pick-up. System refines the list and shows a new list of restaurant based on the new filter criteria entered by the user.

**4. Sort Restaurants**: User selects the sort option in the app. System displays the different types of sorting criteria like Restaurant Name, Price, Rating, Distance and Pick-Up Estimate. User selects one or more type of sort options. System displays the sorted restaurant list to the user.

**5. View Restaurant**: From the list of all the restaurants, the user selects any one restaurant. System displays the profile of the selected restaurant. User views the name, address, contact details, open hours, description of the restaurant, cuisines offered, highlights (lunch, dinner or breakfast), cost for two, minimum order (if any), delivery fees. User selects to see the restaurant on the map. System displays the Map and the user can enter the start point of the location. System displays the estimated time to reach the restaurant. User selects to view the photos, menu and reviews & comments. System displays the already uploaded photos, reviews and menu of the restaurant.

**6. Place Order**: The user selects the order food option on the restaurant profile. The system displays three order food options: Pick-up, Dine-in and Home Delivery. The user selects any one of the options from the three options. System displays the selected page to the user in the app. This use-case is divided into three sub use-cases based on the selection of the order type by the user. The three sub-cases are described below as Pick-up, Book Table and Home Delivery.

**7. Pick-up (Order Food Type):** System displays the pick-up page to the user. User selects the items from the menu. System displays the items in the cart and the running total to the user when any new item is added to the cart. User selects to make order. System displays the items and total cost for the items. User confirms and selects to pick-up the order from the restaurant. System takes the user to payment options (another use-case). System displays the estimated time and order id to the user.

**8. Dine-In (Order Food Type):** System displays the Dine-In page to the user. System displays the book table view to the user. User selects the number of persons to book a table. System displays the table availability to the user. User selects the table and books the table. System displays the confirmation of table being booked and also displays the confirmation number to the user.

**9. Home Delivery (Order Food Type):** User selects the items from the menu one by one. System displays the items and the running total. User moves on to next step. System displays the total items and total cost for the food to the user. User confirms the order and moves on to the next step. System displays the 2 types of delivery options to the user: Normal Delivery and Rapid Delivery. User selects any one of the delivery types and moves on to the next step. System displays the new total if any charges of rapid delivery are applied to the order. User confirms the order. System takes the user to payment options (another use-case). System displays the order id to the user

**10. Track Order**: User selects the Track Order feature in the system. System displays the track order screen to the user. User enters the order id in the order id field. System displays the current order status to the user.

**11. Pay for Order**: User confirms all the order and moves on to the next step. The system displays three types of payment options: credit card, debit card and cash on delivery. User selects the type of payment and moves to next step. Depended on the selection type, the system prompts the user to enter credit or debit card details or displays the confirmation for cash on delivery type. User enters the card details and selects next. System verifies the card details and accepts the payment and displays the confirmation to the user.

**11.1. Pay with Credit/Debit**: User selects the payment with credit type as the payment type options. The system displays the pay with credit form and the user enters the card number, card holder’s name, and expiry date and cvv information in the form and selects to pay. System authorizes the payment information and displays the payment receipt to the user.

**11.2. Pay with Cash**: User selects to pay with cash at the payment type. System displays the total amount for the order and displays the order id to the user. System updates the payment and confirms it once the cash is given by the user to the delivery driver.

**11.3. Pay with PayPal**: User selects to pay with the PayPal account. System displays a form where user enters the PayPal username and password. System authorizes and confirms the payment with the user. User confirms the payment and the payment is deducted from the users PayPal account.

**12. View User Profile**: User selects the View Foodie functionality in the app. System displays the list of users (foodie) around the selected location of the user. System also displays the top rated users. User selects to view any one user profile. System displays the foodie profile to the user. User views the name, profile picture, description, foodie rating and reviews by the foodie, photos, followers, gourmand foodie rank and rewards earned. User also selects to follow the foodie. System increases the followers of the foodie by one.

**13. Rate & Review**: User selects to Rate & review any restaurant from the restaurant profile of the restaurant. System displays the rate & review screen to the user. User selects the rating out of 10 and writes a review in the review area. User submits the review. System accepts the review and goes to the admin for the verification of review. Admin verifies the review and the review is then visible to the user in the reviews screen.

**14. Add Photos**: User selects to add photos for a restaurant. System displays the screen to add photos. User selects to add photos from gallery or take a new picture. Based on the selection, the system opens the gallery or opens the camera, User selects the photo and uploads the photo. System saves the photo and adds it to the list of photos for a restaurant.

**15. Show Rewards:** System displays the rewards gained by the user until the current date for ordering food from the app. User can redeem rewards by selecting Redeem My Rewards option. System accepts the reward and adds the rewards to the user’s next order.

**16. Add Coupon to Order**: System displays the final bill amount to the user. System also displays a place to add coupons. User selects available coupon options from Gourmand Promo Coupons or Restaurant Provided Coupons. System allows user to enter coupon code to the order. User enters the coupon code and moves on to the next. System applies the coupon to the order and discounted final rate is displayed to the user.

**17. Subscribe to Restaurant for Events**: User selects to subscribe with the restaurant. System confirms the subscription and sends email notification to the user any time a new event is added by the restaurant.

**18. Redeem Rewards**: User selects the option of Redeem Rewards at the time of order checkout and payment options. System calculates the discount based on the redeem rewards and applies it to the total and displays the discounted total to the user.

**Restaurant Use-Cases:**

**1. Restaurant Register**: A Restaurant Admin selects to register with the app. System displays two type of register options: Basic & Premium. Restaurant selects the registration type and moves on to next step. System displays the registration form. Restaurant fills out the information like restaurant name, address, phone number, email address and password and submits. If the selected type was basic, then the restaurant dashboard is displayed. If type was premium, payment options are provided to the restaurant. Restaurant selects the payment type and pays for the premium package. System verifies the payment and takes the user to the dashboard.

**2. Update Menu**: Restaurant selects the update menu option from the dashboard. System display the menu in the editable fashion. Restaurant adds or deletes or updates any item from the menu and submits. System displays the updated menu to the restaurant.

**3. Add & Update Events**: Restaurant selects the Events tab from the dashboard. System displays the events screen to the restaurant with all the upcoming, completed and today’s events to the restaurant. Restaurant selects to add a new event. New event screen is displayed by the system. Restaurant enters event name, date, time and location of the event and submits the event. System saves the event and updates the events on the dashboard of the restaurant. Users who are subscribed are also notified about the restaurant via email.

**4. Add Restaurant Photos**: Restaurant selects to upload pictures. System displays the gallery in the phone. Restaurant selects the total number of photos it wants to upload and submits. System uploads the photos and saves it. Now the new pictures are visible in the restaurant dashboard and also to the restaurant profile which is viewed by the user.

**5. View Analytics**: Restaurant clicks on the View Analytics functionality on the dashboard. System runs the analytics and displays the analytics page to the restaurant. Restaurant can then select to view analytics in different forms like bar chart, pie chart and line chart. System displays the selected chart to the user.

**6. Advertise**: Restaurant selects to advertise themselves on the app for certain category of users. System displays the different advertising options to the restaurant. Restaurant selects any one package from the list and moves on to next step. System displays payment options and total bill for the selected advertising package. User selects the payment type and completes the payment. System verifies the payment and advertises the restaurant based on the selected package. Users get to see the advertised restaurants as the featured restaurants.

**7. Update Order**: Restaurant accepts an order from the app. Restaurant updates the status of the order as the order is being prepared and in the process of being ready to serve, deliver or ready to take-away. System updates the status of the order in the system.

**8. Add Restaurant Coupon**: Restaurant select to add a new coupon. System displays the new coupon page. Restaurant enters the coupon fields like coupon name, start date, end date, discount and description and submits the coupon. System saves the coupon and updates the coupon in the system. The restaurant profile will now display this coupon which can be viewed by all the users.

**9. Update Restaurant Details**: Restaurant selects to update the restaurant information from the dashboard. System displays the edit details page to the restaurant. Restaurant edits and updates the details and saves the updated details. System saves the details and displays in the restaurant dashboard.

**Critic Use-Cases:**

**1. Register as Critic**: Critic selects to register with an app as a critic. System displays the registration form to the critic. Critic enter information like name, contact information, email address, password and references. System saves the form and sends the form to the app admin. Admin verifies the critic. After the verification is done. Critic is notified of being successfully registered with the app.

**2. Write Critic Review**: Critic selects to write a review from the critic dashboard. System displays the critic review screen. Critic writes the review and submits the review. System saves the review and updates it to the critic reviews section on the restaurant profiles.

**Admin Use-Cases:**

**1. Verify Critic**: System sends a critic registration request to the admin. Admin sees the critic information and contacts the critic over phone and email. Admin verifies the critic by provided references. Admin takes a decision and selects to verify the critic. Notification to critic is sent via email about the verification and verification result.

**2. Manage Restaurants**: Admin selects to add/update/delete a restaurant. System opens the selected page based on the selection of the admin. In case of a new restaurant, a New Restaurant page is opened and admin enters information of the restaurant and submits. System saves the restaurant and updates it to the list of restaurants. In case of update/delete a restaurant, the system displays Edit Restaurant page to the admin. Admin either edits certain information of the restaurant or deletes the restaurant if the restaurant is closed. System saves and updates the changes to the list of restaurants.

**3. Verify Review**: System sends a review written by the user to the admin for verification. Admin opens the review and verifies the review. Admin selects to add or flag the review. If the admin selects to add the review, that review is added to the list of reviews and can be seen by the users. If admin selects to flag the review, an email notification is sent to the user indicating inappropriate content in the review and system discards the review from the system.

**4. Add Gourmand Coupon**: Admin selects to add a gourmand coupon for users. System displays a new coupon page to the admin. Admin enters coupon details in the form and submits. System saves the coupon and is displayed in every user dashboard.