
Use Case: Online Food Ordering Application

1. Use Case Name: Place Order

- Actors: User
- Description: The user wants to place an order for food through the online food ordering application.
- Precondition: The user is registered and logged into the application.
- Postcondition: The order is successfully placed.

Main Success Scenario:

1. The user selects the desired items from the menu.
2. The user specifies any customizations or additional requirements for the order.
3. The user provides the delivery address and contact details.
4. The user confirms the order and proceeds to payment.
5. The system validates the order details.
6. The system calculates the total cost of the order.
7. The system records the order and assigns a unique order ID.
8. The system sends a confirmation message to the user with the order details and estimated delivery time.

Alternative Scenarios:

- A1: Invalid Order Details
 - The system identifies invalid or missing information in the order details.
 - The user is prompted to correct the errors before proceeding.
- A2: Service Isn't Available In Your Locality
 - You're trying to order from a place where the service isn't available yet.

2. Use Case Name: Search Food

- Actors: User
- Description: The user wants to search for specific food items within the online food ordering application.
- Precondition: The user is registered and logged into the application.
- Postcondition: The user finds the desired food items.

Main Success Scenario:

1. The user enters a search query in the search bar.
2. The system retrieves relevant food items matching the search query.
3. The system displays the search results, including food item names, descriptions, and prices.
4. The user can browse through the search results and select the desired food items.

Alternative Scenarios:

- A1: No Search Results
 - The user enters a search query that does not match any food items.
 - The system displays a message indicating that no results were found.

3. Use Case Name: Rate Order

- Actors: User
- Description: The user wants to provide a rating for a previously placed order.
- Precondition: The user is registered and logged into the application. An order has been delivered.
- Postcondition: The user's rating is recorded and associated with the respective order.

Main Success Scenario:

1. The user selects the "Order History" option from their dashboard.
2. The system displays a list of previous orders.
3. The user selects the order for which they want to provide a rating.
4. The system presents a rating scale or feedback form to the user.
5. The user provides a rating or leaves a comment about their experience.
6. The user submits the rating or feedback.

Alternative Scenarios:

- A1: No Order History
 - The user does not have any previous orders.
 - The system displays a message indicating that no order history is available.
- A2: Already Rated
 - The user has already provided a rating for the selected order.
 - The system displays a message indicating that a rating has already been submitted for the order.

4. Use Case Name: Admin Add Items

-Actors: Admin

-Description: The admin wants to add a new item to the system.

-Precondition: The admin is logged into the application with appropriate permissions.

-Postcondition: The new item is successfully added to the system.

Main Success Scenario:

1. The admin selects the "Add Item" option from the admin dashboard.
2. The system presents a form for entering the item details, including ingredients, food items, quantities, price and spiciness level (if applicable).
3. The admin fills in the necessary food details.
4. The system validates the item details (as described earlier) to ensure correctness and completeness.
5. The admin submits the menu.
6. The system assigns a unique item ID and adds the food to the system.

Alternative Scenarios:

-A1: Invalid Food Details:

- The system identifies invalid or missing information in the food details.
- The admin is prompted to correct the errors before submitting the item.

5. Use Case Name: Admin View Items

-Actors: Admin

-Description: The admin wants to view the details of a specific item.

-Precondition: The admin is logged into the application with appropriate permissions.

-Postcondition: The admin views the details of the selected item.

Main Success Scenario:

1. The admin selects the "View Items" option from the admin dashboard.
2. The system displays a list of existing food items.
3. The admin can search for a specific order by item ID or any other relevant criteria.
4. The admin selects the desired item from the search results.
5. The system presents the detailed information of the selected item, including food items, quantities, special instructions.

Alternative Scenarios:

-A1: Invalid Item ID:

-The admin enters an invalid item ID while searching for an item.

-The system displays an error message indicating that the item ID is not found.

6. Use Case Name: Admin Update Item

-Actors: Admin

-Description: The admin wants to update the details or status of a specific item.

-Precondition: The admin is logged into the application with appropriate permissions.

-Postcondition: The item details or status are successfully updated.

Main Success Scenario:

1. The admin selects the "View Items" option from the admin dashboard.
2. The system displays a list of existing items.
3. The admin can search for a specific order by item ID or any other relevant criteria.
4. The admin selects the desired food item from the search results.
5. The system presents the detailed information of the selected item.
6. The admin can update the item details, food items, quantities, special instructions.
7. The admin saves the changes, and the system updates the item details or status accordingly.

Alternative Scenarios:

-A1: Invalid Item ID:

-The admin enters an invalid item ID while searching for an order.

-The system displays an error message indicating that the item ID is not found.

-A2: Unauthorized Access:

-The admin attempts to update item details or status without the necessary permissions.

-The system denies access and displays an error message.

7. Use Case Name: Kitchen Staff View Assigned Orders

-Actors: Kitchen Staff

-Description: The kitchen staff wants to view the list of orders assigned to them.

-Precondition: The kitchen staff is logged into the application with appropriate permissions.

-Postcondition: The kitchen staff views the assigned orders.

Main Success Scenario:

1. The kitchen staff selects the "View Assigned Orders" option from their dashboard.
2. The system displays a list of orders specifically assigned to the kitchen staff.
3. The kitchen staff can search for a specific order by order ID, customer name, or any other relevant criteria.
4. The system presents relevant details of each assigned order, including order ID, order status, and order items.

Alternative Scenarios:

-A1: Invalid Order ID:

-The kitchen staff enters an invalid order ID while searching for an order.

-The system displays an error message indicating that the order ID is not found.

-A2: Unauthorized Access:

-The kitchen staff attempts to access assigned orders without the necessary permissions.

-The system denies access and displays an error message.

8. Use Case Name: Kitchen Staff Update Order Status

-Actors: Kitchen Staff

-Description: The kitchen staff wants to update the status of an assigned order.

-Precondition: The kitchen staff is logged into the application with appropriate permissions.

-Postcondition: The order status is successfully updated.

Main Success Scenario:

1. The kitchen staff selects the "Update Order Status" option from their dashboard.
2. The system displays a list of orders specifically assigned to the kitchen staff.
3. The kitchen staff can search for a specific order by order ID, customer name, or any other relevant criteria.
4. The kitchen staff selects an order to update its status.
5. The system presents the order details, including the current status.
6. The kitchen staff updates the order status based on the progress, such as "preparing," "cooked," or "cancelled."
7. The kitchen staff saves the changes, and the system updates the order status accordingly.

Alternative Scenarios:

-A1: Invalid Order ID:

-The kitchen staff enters an invalid order ID while searching for an order.

-The system displays an error message indicating that the order ID is not found.

-A2: Unauthorized Access:

-The kitchen staff attempts to update order status without the necessary permissions.

-The system denies access and displays an error message.

9. Use Case Name: Kitchen Staff Search Orders

-Actors: Kitchen Staff

-Description: The kitchen staff wants to search for specific orders.

-Precondition: The kitchen staff is logged into the application with appropriate permissions.

-Postcondition: The kitchen staff receives the search results for the specified criteria.

Main Success Scenario:

1. The kitchen staff selects the "Search Orders" option from their dashboard.
2. The system presents a search form allowing the kitchen staff to specify search criteria, such as order ID, customer name, or other relevant details.
3. The kitchen staff enters the search criteria and submits the search request.
4. The system retrieves the orders matching the specified criteria.
5. The kitchen staff views the search results, which include order details such as order ID, customer name, order status, and order items.

Alternative Scenarios:

-A1: No Search Results:

-The kitchen staff's search criteria do not match any orders in the system.

-The system displays a message indicating that no results were found.

-A2: Unauthorized Access:

-The kitchen staff attempts to search for orders without the necessary permissions.

-The system denies access and displays an error message.