## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Login Account | | ID: 1 | Importance Level: High |
| Primary Actor:   1. Administrator 2. Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator, Customer – Login account before accessing other functions in the system. | | | |
| Brief Description:  This use case describes how administrators and customers can login to the system to access  the other functions. | | | |
| Trigger:  When an administrator or a customer wants to use the system. | | | |
| Relationships:  Association : Administrator, Customer  Include :  Extend : Creates Profile  Generalization: | | | |
| Normal Flow of Events:   1. A user wants to login to the application.  * Continue to 1a. for new account registration.  1. The user logins to the application by inputting the email and password. 2. The system will verify the email and password. 3. The system will load the information of the account. 4. The user can access other functions of the application. | | | |
| Sub-flows: | | | |
| Alternate/Exceptional Flows:  1a. New user can register a new account.  1. The new user will set an email and password for the account.  2. The system will save all the information to system. | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: View menu | | ID: 2 | Importance Level: High |
| Primary Actor:   1. Administrator 2. Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator, Customer – View the menu to know the details breakdown of the food sets. | | | |
| Brief Description:  The use case describes how user can view the menu to know the food sets provided, price, as well as the descriptions and ingredients of different food’s sets. | | | |
| Trigger:  When customer wants to view the food sets provided, and the details related. | | | |
| Relationships:  Association : Administrator, Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. A customer login into the system. 2. The customer views the menu. 3. The system displays the sets provided and its details breakdown.   - Continue to 3.1. | | | |
| Sub-flows:  3.1 The system will display further details breakdown of the foods in every set, including components, ingredients, price and description. | | | |
| Alternate/Exceptional Flows: | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: View Reservation | | ID: 3 | Importance Level: High |
| Primary Actor:   1. Administrator 2. Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator, customer – View the information of reservation | | | |
| Brief Description:  This use case describes how the user can view the information of reservation. | | | |
| Trigger:  When the user wants to view the information of their reservations. | | | |
| Relationships:  Association : Administrator, Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The user logins into the application. 2. The user views the reservation information. 3. The system will display the information of reservation.   - Continue to 3.1. | | | |
| Sub-flows:   * 1. The system will display the details of the reservation such as customer name, customer phone number, number of persons, reservation ID, time, date, status, ordered food set and their remarks. | | | |
| Alternate/Exceptional Flows: | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Create Reservation | | ID: 4 | Importance Level: High |
| Primary Actor: Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Customer – To create a reservation to reduce waiting time | | | |
| Brief Description:  This use case describes how a customer can create a reservation. | | | |
| Trigger:  When the customer wants to create a new reservation with the restaurant. | | | |
| Relationships:  Association : Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The customer logins into the application. 2. The customer wants to create new reservation. 3. The system asks the user to input related information.   - Continue to 3.1   1. The customer inputs the desired order into cart.   (Perform Use Case ID 5)   1. The customer checkouts their reservation. 2. The system displays the reservation information and asks the customer to confirm the reservation. 3. The system will save the information to database. | | | |
| Sub-flows:  3.1 The related information includes customer name, customer phone number, number of persons, time, date, and remarks. | | | |
| Alternate/Exceptional Flows: | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Edit cart | | ID: 5 | Importance Level: High |
| Primary Actor: Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Customer – To edit the amount of reserved food set in the cart | | | |
| Brief Description:  This use case describes how the customer can edit the amount of reserved food set in the cart. | | | |
| Trigger:  When the customer wants to change the amount of reserved food set in the cart. | | | |
| Relationships:  Association : Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The user logins into the application.   - Continue to 1.1   1. The system will display the food set in the cart. 2. The customer will input the food set and the new desired amount. 3. The system will save the changes to the database. | | | |
| Sub-flows:   * 1. The user may create new reservation OR edit the food order of existing reservation.   (Perform use case ID 4) OR (Perform use case ID 6) | | | |
| Alternate/Exceptional Flows: | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Update Reservation | | ID: 6 | Importance Level: High |
| Primary Actor:   1. Administrator 2. Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator, customer – Edit the information of reservation | | | |
| Brief Description:  This use case describes how the user can update the reservation information. | | | |
| Trigger:  When the administrator or customer failed to show up on that day. | | | |
| Relationships:  Association : Administrator, Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The user logins into the application. 2. The user wants to update the reservation information. 3. The user inputs the reservation ID. 4. The system displays the information of the reservation. 5. The user can edit information regarding reservation.   - Continue to 5.1 and 5.2   1. The system will save the updated information to the database. | | | |
| Sub-flows:   * 1. The reservation information that can be updated include customer name, number of persons, date, time, phone number for reservation, and remarks.   2. Customer who edits the reservation may also change the food set ordered.   (Perform use case ID 5) | | | |
| Alternate/Exceptional Flows: | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Cancel Reservation | | ID: 7 | Importance Level: High |
| Primary Actor:   1. Administrator 2. Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator – Cancel the reservation booked by customer  Customer – To cancel the reservation booked | | | |
| Brief Description:  This use case describes how the user can cancel the reservation. | | | |
| Trigger:  When the customer wants to cancel the reservation or failed to show up for the reservation due to circumstances. | | | |
| Relationships:  Association : Administrator, Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The user logins into the application. 2. The user wants to cancel the reservation.  * Continue to 2a. if user wants to cancel reservation within 24 hours of the reservation.  1. The system asks the user to input the reservation ID which wanted to cancel it. 2. The system will save latest information to the database. | | | |
| Sub-flows: | | | |
| Alternate/Exceptional Flows:  2a. The system will display an error message “Sorry, cancellation within 24 hours cannot be done”. | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Search reservation | | ID: 8 | Importance Level: High |
| Primary Actor:   1. Administrator 2. Customer | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator – To search for history record of reservation of the restaurant.  Customer – To search his/her own reservation records. | | | |
| Brief Description:  This use case describes how the user can search the reservation’s history record. | | | |
| Trigger:  When the administrator wants to check the reservation’s record that make by specific customer and when the customer wants to search for their previous orders. | | | |
| Relationships:  Association : Administrator, Customer  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The user logins to their own account. 2. The user searches for reservation. 3. The user input any related keywords to search for reservation’s records. 4. The user will display all reservations information that match to the input.  * Continue to 4.1 | | | |
| Sub-flows:  4.1 The reservation information includes customer name, customer phone number, number of persons, reservation ID, time, date, status, food set, amount, and remarks. | | | |
| Alternate/Exceptional Flows: | | | |

## Use Case Description

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name: Edit food set | | ID: 9 | Importance Level: High |
| Primary Actor: Administrator | Use Case Type: Detailed, Essential | | |
| Stakeholders and Interests:  Administrator – Make changes of the food set provided in the restaurant | | | |
| Brief Description:  The use case describes how the administrators edit the food set provided in the restaurant. | | | |
| Trigger:  When the administrator wants to add, edit, or delete the food set. | | | |
| Relationships:  Association : Administrator  Include :  Extend :  Generalization: | | | |
| Normal Flow of Events:   1. The administrator logins into the application. 2. The administrator decides to edit the food set provided. 3. The administrator asked to input the food set ID.  * Continue to 3.1., 3.2., and 3.3.  1. The system will update the information to the database. | | | |
| Sub-flows:   * 1. The administrator can make changes of the food set information such as components, ingredients, price, and description.   2. The administrator can add new food set to the menu including the information of components, ingredients, price and description.   3. The administrator can delete the outdated food set shown in the menu. | | | |
| Alternate/Exceptional Flows: | | | |