



Stakeholders:

- **Head Office:** Head Office is a kind of administrator. He/she can edit the menu of the branches or add new menus to the branches. Also, he/she can add new staff to the system.
- **Waiter:** Can view the order and order information. So that it can easily serve customers.
- **Chefs:** Chefs can see the orders to cook. And they can edit the 'order status' property of an order
- **Customer:** Customers can view the menu, can see the order status of his/her order, and give an order.

System	Menu
Use Case	Update the Menu
Actors	Head Office
Data	Head Office sends a data that includes meal properties: name of meal, image of meal, price, and ingredients.
Stimulus	Head Office edits a meal and clicks the update button. Result of this, he sends a request for updating the specific meal in menu.
Response	The menu is updated with the changed meal.
Comments	While updating the menu, Head Office fills the properties of a meal exactly. He/she cannot leave a property empty. He must fill the properties properly, then click the 'update menu' button.

System	Menu
Use Case	Define a Menu
Actors	Head Office
Data	Head Office sends a data that includes a collection of meals and its properties (name of meal, image of meal, price and ingredients).
Stimulus	Head Office clicks to 'add menu' button then he/she requests for adding a menu to a branch.
Response	A menu that includes meals and properties is added to a branch
Comments	Head Office must be careful adding properties. He/she cannot leave a property empty. He must fill the properties properly, then click the 'add menu' button.

System	Order
Use Case	See the Orders
Actors	Waiters, Chefs
Data	The system sends data that includes all orders and its properties (name of meal, price, ingredients, table ID of customer and order status)
Stimulus	Chef/Waiter clicks the 'see orders' button and send a request to see active orders
Response	The orders are listed in the screen.
Comments	Order status can be edited by chef. This property is added by me.

System	Order
Use	Update Order Status
Actors	Chefs
Data	Chefs can see the orders and properties and can send a data includes new order status of a specific order.
Stimulus	Chef user clicks the "change order status" button in the orders list and make a choice.
Response	Order status of a meal is updated.
Comments	

System	Order
Use	See Order Status
Actors	Customers, Waiters
Data	The system sends a data including order's status of a customer and its table ID.
Stimulus	User clicks the "see order status" button and sends a request to see order status
Response	System sends data including table ID and order status, then user can see the order status of his/her order
Comments	Customer selects a branch, then selects the table number. End of this procedure he/she will see the order status

System	Menu
Use Case	See the Menu
Actors	Customer
Data	System sends a data that includes menu (name of meals, image of meals, prices, ingredients)
Stimulus	Customer clicks the "Menu" and sends a request to see the menu.
Response	The menu and properties is sent to customer to see.
Comments	Customer selects a branch, then clicks the menu and see the menu.

System	Order
Use Case	Give an Order
Actors	Customer
Data	Customer sends a data including table ID and a meal from menu
Stimulus	Customer clicks the "Give Order" button then scans the QR Code
Response	System sends a request to add an order to order list to waiters and chefs can see.
Comments	While giving an order, customer must enter the table ID

System	Staff Allocation
Use Case	Add Waiter/Chef
Actors	Head Office
Data	Head Office sends the ID and Password information of new staff to database
Stimulus	Head Office enters the information of Waiter or Chef, then clicks the 'Add Staff button.
Response	New user is added to system.
Comments	It is sufficient for the system. Someone must be super-admin and be able to add new users.

System	Login
Use Case	Log-in
Actors	Head Office, Waiter, Chef
Data	User sends the ID and Password information to system
Stimulus	User enters the information ID and Password, then click the "Login" button.
Response	User can see specific tasks and actions according to his/her role (Chef or Waiter).
Comments	Customer does not have to log-in

Challenges while extracting use case:

'Order Status' information make me confused. The reason of this chef, waiter and customer can see the order status. I cannot imagine same button for them. I divided into two order status, and I add 'Order Status' property to order information. Hence, chefs can see the order status while they are checking the orders and can update it. Customer and waiters will have a separate order status button to see the status of order.

Also, to make things easier, orders must have table ID property. I emphasise the table ID property while mentioning orders. In addition, it was confusing that customer must log-in / register or not. I decided that there is no need to login a customer. He/she can give order without having account. She must select a branch, then she will see a screen that "see menu" selection and "see order status" selection. I was not sure adding "define menu" use case to diagram. But when I imagine the program, updating a menu and creating a menu must be different things. It is clear.