

- Functional requirements :
 - The system should allow the customers to scan the QR code in order to go to the restaurant's website.
 - The system should allow the customers to select a meal from a menu list and then order.
 - The system should record feedback from the customer after collecting their orders.
 - The system should allow the clerk to check and confirm the orders from customers.
 - When the order is unavailable, the system should send a notification to the clerk from the kitchen staff.
 - When the order is available, the system shall handle the payment by using the credit card of the customers and record it.
 - The system shall allow the chief to see all the valid orders from the system.
 - The system should send a digital invoice (receipt) to the customer after the purchase process, and the invoice number must be unique.
 - The system should be usable from a mobile device including both Android and iOS or a normal computer/laptop which runs on either Windows, MacOS, or Linux.

- Non-functional requirements :
 - The system should allow non-direct contact between Clerks and Customers. Three main actions which are selecting food, ordering, and paying for the meal must be carried out on the user's device. The clerks only confirm the order and make recommendations towards the customer in direct contact in case the food is out of order.
 - The system should be extendable to use in 100 restaurants before the end of the next 5 years.
 - The system should be able to handle 300 orders per day.
 - The system should notify the clerk to confirm the order of the customer within 5 seconds after the customer clicks the 'order' button on the webpage.
 - The order information should be sent to kitchen staff within 5 seconds after the order has been confirmed by the clerk.
 - The system should always run for 18 hours continuously from 5 o'clock in the morning to 11 o'clock in the evening.
 - The system should allow accidental downtime for at most 5 minutes.
 - The uptime rate of the system should be above 90% of the time.
 - The system should allow only the clerk to confirm the customer's order.

- The system should allow only authenticated users such as administrators to modify, add and delete food items.
- The food cart of the customer should be able to hold at least 10 meals.