1. The system is divided into 3 swimlanes: Staff, Customer, and POS System.

2. The customer will scan a QR code and order food when they arrive at the restaurant.

3. Then the POS system will check whether the order is available :
> • If not available, the order will be rejected and the clerk will ask the customer to re-order. If the customer accepts to re-order, roll back to **step 3**, otherwise go to **step 5**.
> • If available, the order's status will be pending to be confirmed by the POS system and will be changed to approved if confirmation is successful. Then go to **step 4**.

4. These 2 activities will be performed concurrently: Customer has to pay for the order and the POS system needs to record the order.

5. These 2 activities will also be performed concurrently: Invoice will be sent to the customer (Order success) and the system will receive feedback from customers (Even if the order is successful or not).

6. End the system.