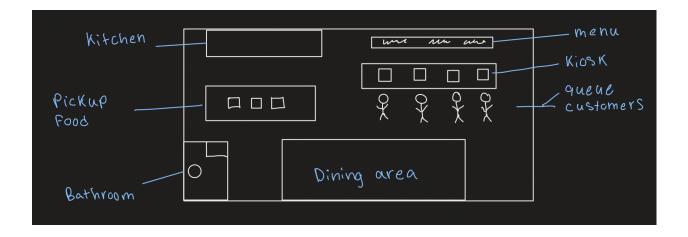
# Workshop 3 - Requirements, Specifications, and Design

∷ Tags	CSCI 3081W
■ Date	@October 12, 2023

# 1 Sketch → List of actors

- Customer
- Restaurzan
- Kiosk
- Queue
- Food
- Pickup
- Menu
- System
- Kitchen
- Restaurant staff
- Bathroom
- Dining



# 2 Requirements

# 1. Ordering

### 1.1 Menu

- **1.1.1** The menu should be able to display the food available.
- **1.1.2** The menu should be able to display the food's price.

### 2. Payments

### 2.1 Food Payment

- **2.1.1** The system should be able to receive money for the food order.
- **2.1.2** The system should be able to refund money for food returns.

### 2.2 Payment type

**2.2.1** The payments should be credit or debit.

# 3. Food Preparation

**3.1** The kitchen staff should be able to see recipes to prepare food.

### 4. Dining

**4.1** The dining area should have seating areas.

### 5. People

#### 5.1 Customers

**5.1.1** The customer should be able to order food.

#### 5.2 Restaurant Staff

#### 5.2.1 Kitchen

**5.2.1.1** The kitchen staff should be able to prepare food.

### 5.2.2 Cleaning Staff

- **5.2.2.1** The cleaning staff should be able to clean the dining area.
- **5.2.2.2** The cleaning staff should be able to clean the bathroom area.
- **5.2.2.3** The cleaning staff should be able to clean the kitchen area.

# 3 Specification

# 1. Ordering

### 1.1 Menu

- **1.1.1** The menu should be able to display the food available; by displaying a picture and food name on a kiosk. (Reg: 1.1.1)
- **1.1.2** The menu should be able to display the food's price; by displaying a float number of the kiosk (Req: 1.1.2)

### 2. Payments

### 2.1 Food Payment

- **2.1.1** The system should be able to receive money for the food order; by receiving the correct amount for the food. (Req: 2.1.1)
- **2.1.2** The system should be able to refund money for food returns; by sending the paid amount back to the customer's bank account. (Reg: 2.1.2)

### 2.2 Payment type

**2.2.1** The payments should be credit or debit; by VISA, or Mastercard. (Reg: 2.2.1)

# 3. Food Preparation

**3.1** The kitchen staff should be able to see recipes to prepare food; they will be able to see the recipes through a screen in a kitchen. (Reg: 3.1)

# 4. Dining

**4.1** The dining area should have seating areas; by placing tables and chairs in the dining area. (Req. 4.1)

## 5. People

### **5.1 Customers**

**5.1.1** The customer should be able to order food; they will be able to touch an option on a kiosk screen. (Reg. 5.1.1)

### 5.2 Restaurant Staff

#### 5.2.1 Kitchen

**5.2.1.1** The kitchen staff should be able to prepare food. (Reg. 5.2.1.1)

### 5.2.2 Cleaning Staff

**5.2.2.1** The cleaning staff should be able to clean the dining area; they will have cleaning materials and will wipe tables. (Req. 5.2.2.1)

# 4 Design

