Customers Line-up(CLup) Software Requirements

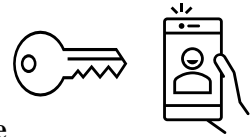| REQUIREMENTS	SOFTWARE FUNCTONALITY
[REQ #1]	The software allows store manager to input the login credentials
[REQ #2]	The software allows store manager to set the timeslots.
[REQ #3]	The software allows store manager to modify the timeslots.
[REQ #4]	The software allows store manager to add the duration of visit.
[REQ #5]	The software allows the store manager to modify the duration of visit.
[REQ #6]	The software allows the store manager to set the store capacity.
[REQ #7]	The software allows the store manager to modify the store capacity.
[REQ #8]	The software allows the store manager to send the store information to the system.
[REQ #9]	The software allows the store manager to regulate the influx of people in the building.
[REQ #10]	The software allows the user to insert the user id.
[REQ #11]	The software allows the user to enter the user position manually.
[REQ #12]	The software allows the user to grant access to device location coordinates.
[REQ #13]	The software displays a list of stores based on user's position.
[REQ #14]	The software allows the user to select a store based on his preference.
[REQ #15]	The software checks with the system and validates the user preferred store choice.
[REQ #16]	The software allows user to select the preferred timeslot for that store.
[REQ #17]	The software checks with the system and validates the user preferred timeslots for that store.
[REQ #18]	The software suggests user to change timeslot for that store if the store is already booked with max capacity.
[REQ #19]	The software suggests user to change the store preference if the initial store is running at max-capacity or if it does not have free timeslots.
[REQ #20]	The software allows the user to enter the desired visit duration for the preferred store.
[REQ #21]	The software checks with the system and validates the user preferred visit duration.

[REQ #22]	The software allows the user to select a list of shopping items based on their categories and their quantities.
[REQ #23]	The software allows the user to modify the list of shopping items and their quantities.
[REQ #24]	The software allows the user to request a token before visiting the store.
[REQ #25]	The software sends the token generation request to the system.
[REQ #26]	The software receives a unique token number and a unique token QR code from the system and displays it to the user.
[REQ #27]	The software allows the user to request the current queue position for the preferred store.
[REQ #28]	The software allows user to scan the token QR code at the validation machine before entering the store.

SCENARIO

Scenario #1

The store manager enters the login credentials into the software

Scenario #2

The store manager enters/modifies the timeslots/duration/store-capacity

Scenario #3

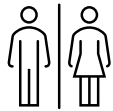**The store manager sends the store information to the system**

Scenario #4

The store manager regulates the influx of people

Scenario #5

The user enter the user id in the software

1. **A Valid id is a unique name followed by a number.**
2. **All the characters should be in lower case.**
3. **No symbols and special characters are allowed.**

Scenario #6

The user enters the manual position, or the software detects position

Scenario #7

The software displays a list of stores to the user
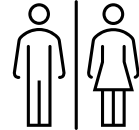
Scenario #7

The user selects the store, enters desired timeslots and duration in the software

Scenario #8

The systems suggest user to change store/timeslots

Scenario #9

The software allows the user to select/modify list of items and quantities

Scenario #10

The software allows user to request a token generation and QR code
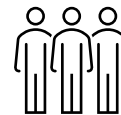
Scenario #11

The user receives a unique token number and QR code on the software

Scenario #12

The user checks the current queue position using the software

Scenario #13

The user validates the QR code before entering the store using the software

Scenario #14

Users without the application can take the paper token visiting the store