

# Deliverable C - Design Criteria and Target Specifications

## App Windows:

### 1. Login

- field for basic credentials: select language, name, email/phone number, default address, default allergy settings/default accessibility issues, default payment method(optional), user agreement, user age (for when they want to order alcohol or cannabis products (potential new market))
- Forgot password link to help user reset password if ever forgotten and had trouble accessing page.
- Save password option. Keeps you from entering password every time on the same device. This option will save password to your device that way every time use logs in the password is already entered

### 2. Main Browsing page

This image a simple first visualization of the main browsing page

- Profile button on top right corner
  - a. Drop down menu containing: Orders (past and present), Profile Info (includes all basic login info), Language, FAQ, Feedback box and email at bottom, report a drone button (to report malfunctions but also if a drone is stolen).
    - When clicking "Orders": list of orders, if an order is in progress a map appears on top (with ETA)
- Search bar beside Profile button
- Cart in the top left corner
  - a. List of items added
    - Warning info: no returns accepted
    - "-" sign to delete items from your cart
    - Indicate if the weight of the delivery is under 2kg or 5kg (corresponds to max amount the two model of drones can carry) and adjust price accordingly
    - order button at bottom (displaying final price, estimated time of arrival)
    - button that says: track order (this takes you to the orders screen (under the drop-down menu when clicking on profile))
- A promoted or featured horizontally slidable row on top
- Tab: Food, Alcohol, Cannabis (pick between the three and you get the list of restaurants/dispensaries/ Liqueur Store)
- List of restaurants: Distance from your location, estimated delivery time (under each restaurant name), rating for level of expense is represented by either \$, \$\$, or \$\$\$, with \$\$\$ being the most expensive.
  - a. Menu
    - Showing dishes of each individual restaurant
    - Sections on top of dishes for: appetizers, main dishes, desert, drinks
      - i. Individual dish
        - Ingredients List (for allergies)
        - spicy/hot

- heavy (might add to delivery cost)
- Any additional info that user may feel restaurant should know about

### 3. Upon Delivery (Order Confirmation)

- Purchase confirmation
  - a. A button to confirm visual contact with the drone
  - b. A QR code that displays on the phone when the visual contact is made
  - c. Button that makes drone emit a noise or light (for accessibility issues)
  - d. A button that says the order has been received fully by the customer (drone can fly away)
  
- Customer satisfaction rating system
  - a. 5-star rating scale
  - b. Possible improvements suggestion box

### 4. “Jamz is currently not operating” screen

- Emergency contact info
  - a. Provides a screen with restaurants land line number
  - b. Displays a message that instructs the user that the drone has temporarily lost contact.
  - c. If inclement weather is restricting the drone from delivering, the app will display a message that says, “Sorry, delivery by drone is not available at the moment”

#### Engineering design specifications:

#	Design specifications	Relation (=, < & >)	Value	Units	Verification method
<b>Functional requirements</b>					
1	Security of account	=	yes	N/A	Up to JAMZ
2	Access to all offered restaurants	=	yes	N/A	Test
3	Order tracking ability	=	yes	N/A	Test (with JAMZ)
4	Ability to contact JAMZ	=	yes	N/A	Test (with JAMZ)
5	Ability to give feedback	=	yes	N/A	Test
6	Interact with drone	=	yes	N/A	Test (with JAMZ)
7	Account history	=	yes	N/A	Test
8	Communication with user (if not functional)	=	yes	N/A	Test
9	Promoted content	=	yes	N/A	Test
<b>Constraints</b>					
1	cost	<	100	\$	Test
2	Technology available	=	Free app making tools	N/A	Test

Non-Functional Requirements					
1	Aesthetics	=	yes	N/A	test
2	Reliability	=	yes	N/A	test
3	Privacy/Safety	=	yes	N/A	Up to JAMZ
4	Lifespan	=	unlimited	time	Up to JAMZ to test
5	Bilingualism	=	yes	N/A	Test

### Benchmarking Specifications

Company	Uber Eats	Skip the Dishes	Postmates
<b>Login</b>	-User creates account that contains all pertinent information (i.e. Name, Address, cell#)	-Does the same as Uber Eats.	-Allows user to create account.
<b>Restaurant Display</b>	-Will not show restaurants if you are out of range.	-Allows you to look at all restaurants, even out of range.	-Only shows restaurants in range.
<b>User Specifications</b>	-Does not appear to have a bilingual option.	-Has a bilingual option <u>-Has age verification for orders containing alcohol.</u>	N/A
<b>Tracking Capability</b>	-Can track the delivery vehicle.	-The delivery vehicle can be tracked.	N/A
<b>Price Rating</b>	-Uses \$ signs to gauge price range. -Charges an extra fee for the driver.	-Charges an extra fee for the driver.	N/A

