

User Flow

AUTHENTICATION

- [HOME] Users will land at a welcome page with a link to the sign in page and register page.
- [/SIGNIN] User will input login credentials
- [/REGISTER] User will fill out user schema and sign up.

USER DASHBOARD

- A Manager's dashboard should composer of a series of customizable shortcuts to essential actions:
 - o [ACTION/RESERVE] Directs To The Reserve A Box Page
 - o [ACTION/UNLOCK] Directs To The Unlock A Box Page
 - o [ACTION/MYBOXES] Links up to three reserved and pending unlocked boxes with a link below to the My Boxes Page
 - o [Action/wallet] Links up to the wallet balance page
- The bottom of the dashboard should include shortcuts or a menu to access the User Dashboard [Page], and the settings [Page].
- Settings [Page] , Should include
 - o Update Email/Phone
 - o Update Address
 - o Update Facial Recognition (Needs Support)
 - o Past Invoices (Historical Orders)
 - o Report Lost/Stolen RFID Card

RESERVING BOX

- /reserve/:UnitID/Pricing [Page]
 - o Should get your geolocation and list available box sizes with pricing (S,M,L)

- /reserve/:UnitID/:BoxID [Page]
 - A user can pick which one and the system will return the number of an empty box that meets that parameter. A rental agreement is generated and attached to the user pending payment
- /reserve/:UnitID/:rentalID/Payment [Page]
 - User will be prompted to the fee + also pay a price for the item, with a crypto wallet (set by Muntaser)
- /reserve/:UnitID/:rentalID/verify [Page]
 - Once the fee is paid, the user will scan their face or use RFID card to open the locker and place the item inside.
- /reserve/:UnitID/:rentalID/notify [Page]
 - Once the item is locked, an image is snapped, a notification is sent to the buyer that the item is ready to be paid for picked up. They are sent a map with a pin at the pickup, a pickup by time + the box number.
 - **The rental should be added to the my boxes part

UNLOCKING BOX

- /unlock/:unitID/:rentalID/verify [Page]
 - Scan your face on the app to verify your identity
- /unlock/:unitID/:rentalID/payment [Page]
 - Pay for the item (box fees are included)
- /unlock/:unitID/:rentalID/unlock [Page]
 - Prompts user to tap their Account Key Card on their box with the number.
- /unlock/:unitID/:rentalID/sign [Page]

- User signs (or pressed button) to confirm the item has been picked up and is sent a receipt including the picture snapshot from the locker.
- ****NOTE PAYMENTS ARE HELD FOR 24HRS FOR PROCESSING AS WELL AS CUSTOMER ASSURANCE** (In case something is wrong) After that its up to the seller to offer a 1,3,5,7 day return policy.

MYBOXES

- **/mybox/:userID**
 - Lists all open boxes (rentalID) with information
- **/mybox/:userID/:rentalID**
 - Lists all info relating to a pendingRental (should show 1 thing to buyer and different thing to seller in terms of design)

WALLET

- **/wallet**
 - **Shows digital cryptpo balance**
- **/wallet/savedPayment**
 - **Shows saved paymenet methods**

SETTINGS

- Update Email/Phone
- Update Address
- Update Facial Recognition (Needs Support)
- Past Invoices (Historical Orders)
- Report Lost/Stolen RFID Card