**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:
  + [ACTION/RESERVE] Directs To The Reserve A Box Page
  + [ACTION/UNLOCK] Directs To The Unlock A Box Page
  + [ACTION/MYBOXES] Links up to three reserved and pending unlocked boxes with a link below to the My Boxes Page
  + [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
  + Update Email/Phone
  + Update Address
  + Update Facial Recognition (Needs Support)
  + Past Invoices (Historical Orders)
  + Report Lost/Stolen RFID Card

**RESERVING BOX**

* /reserve/:UnitID/Pricing [Page]
  + 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 crytpo 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