



IT314 Software Engineering GUI Testing

Project: Canteen Automation System

Prepared by
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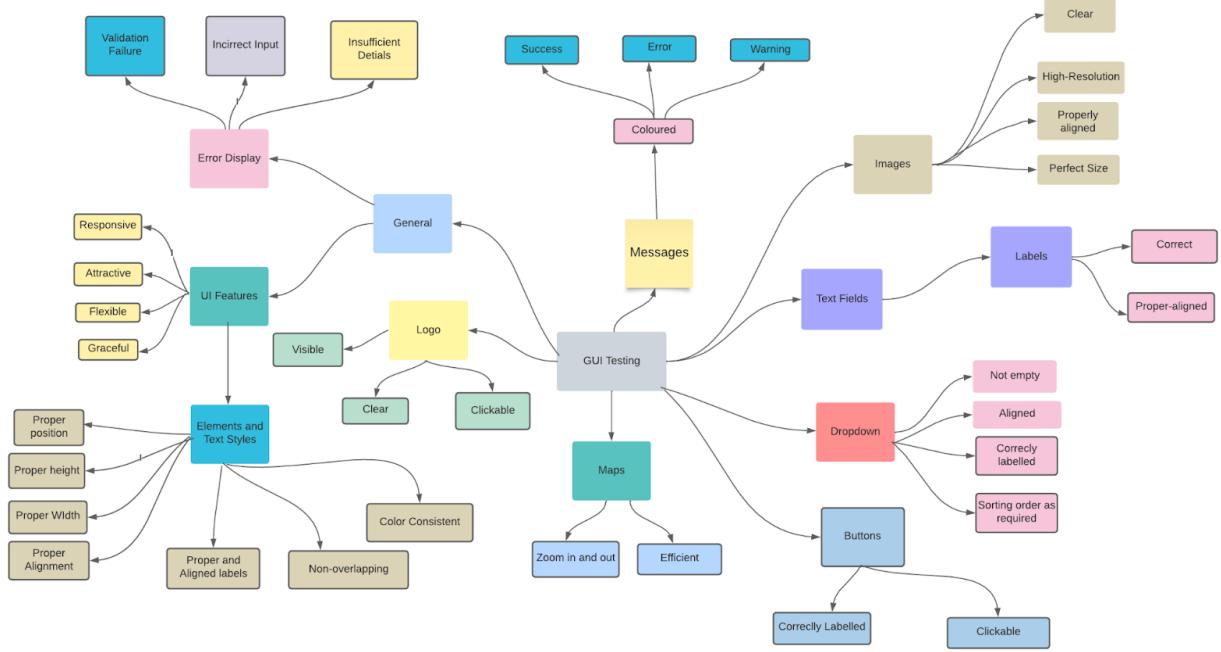
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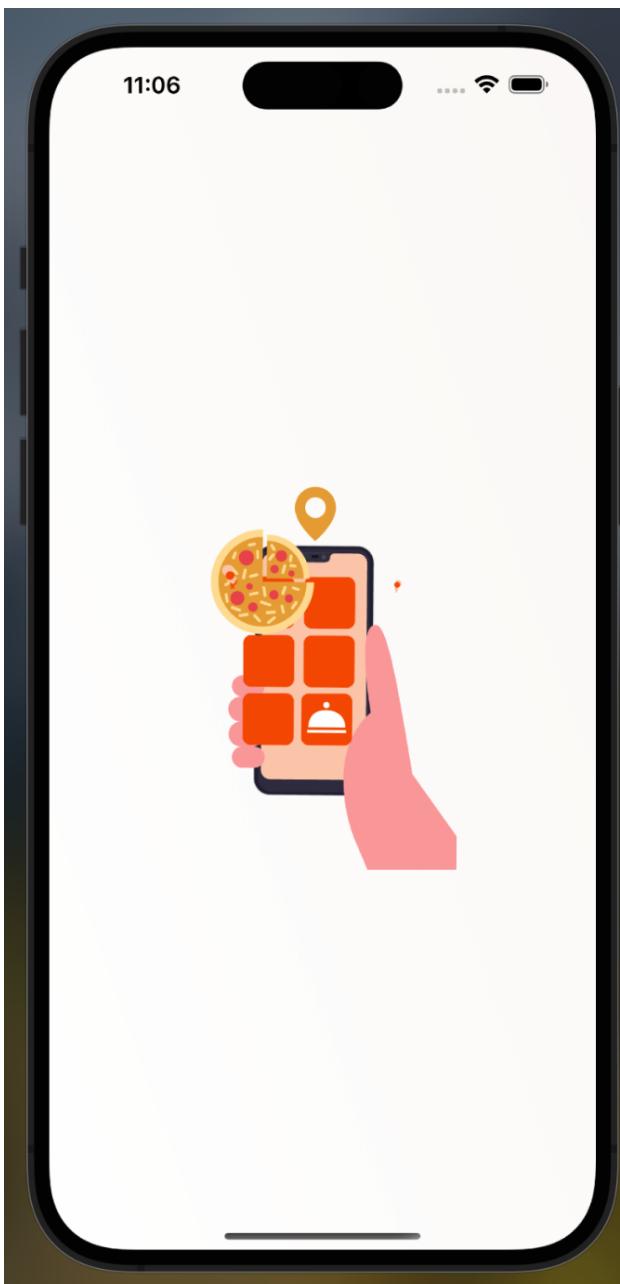
Under the guidance of
Prof. Khare, Prof. Tiwari and
Teaching Assistant Ankita Ma'am

RoadMap:-



Canteen Management App

Boot Up Page:- The bootup page loads normally every time the app is opened

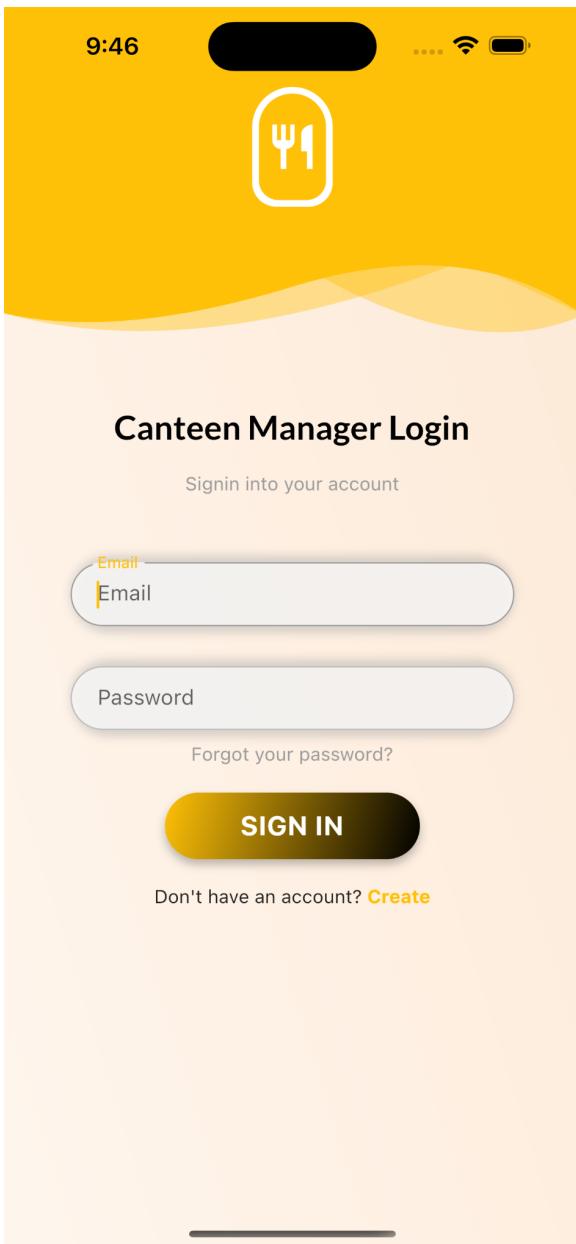


This is the App Starting Screen

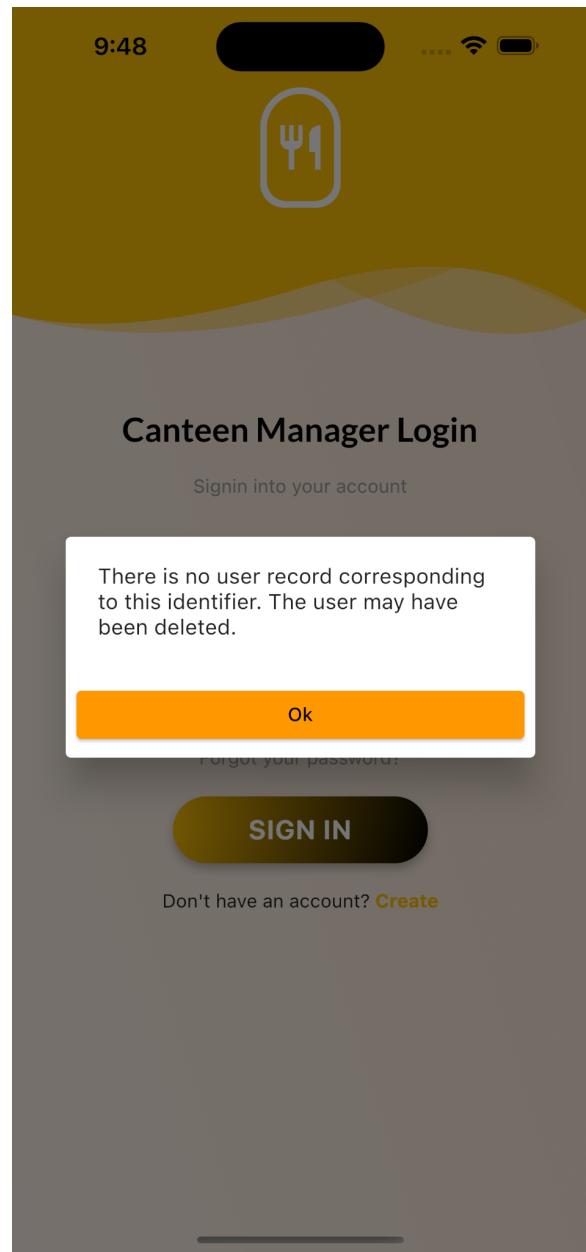


The welcome screen of the canteen management app

Sign In Page:-

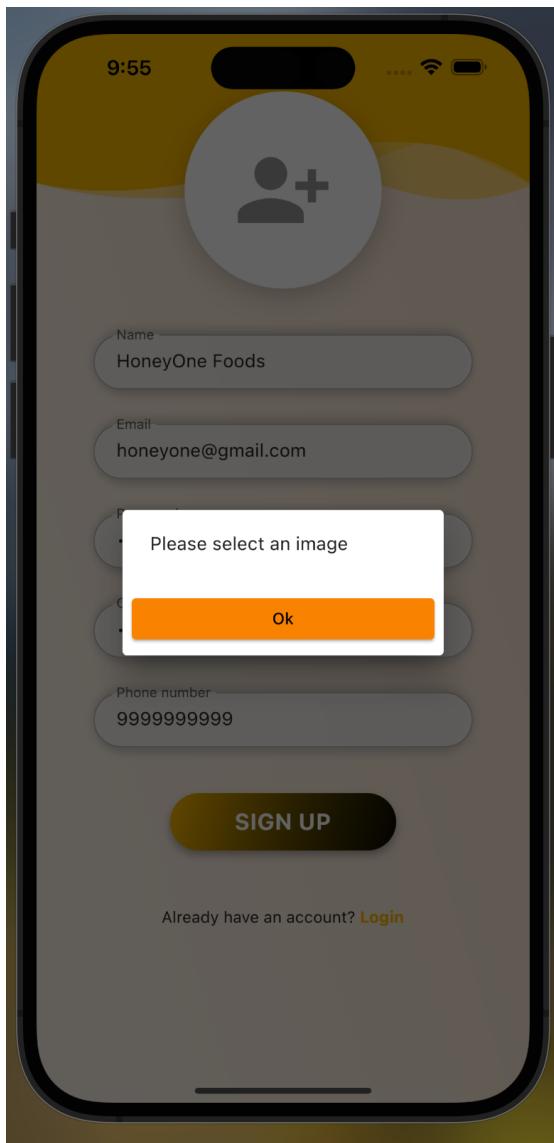


The screen on the left represents the login screen which asks for Email and Password for login.

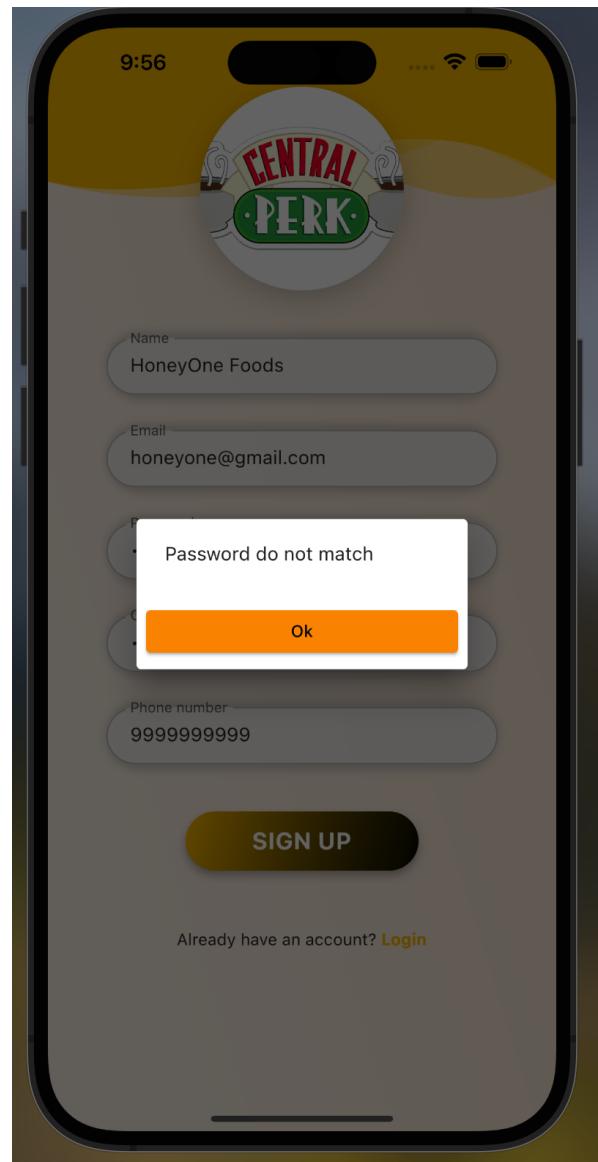


On entering an incorrect login ID it returns that There is no user record corresponding to this identifier or the user may have been deleted.

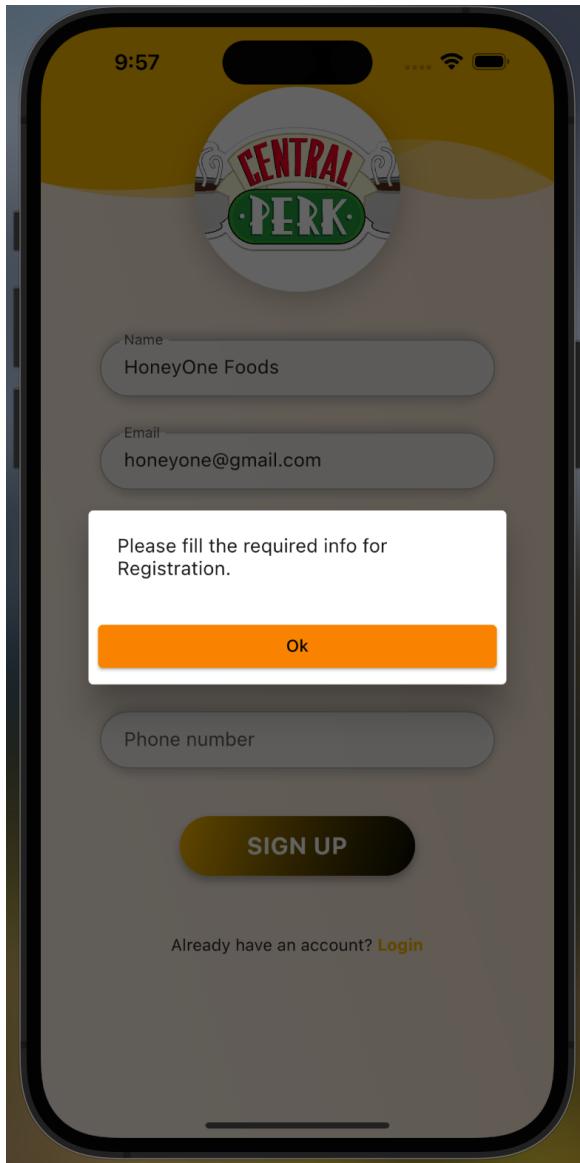
Register Screen:-



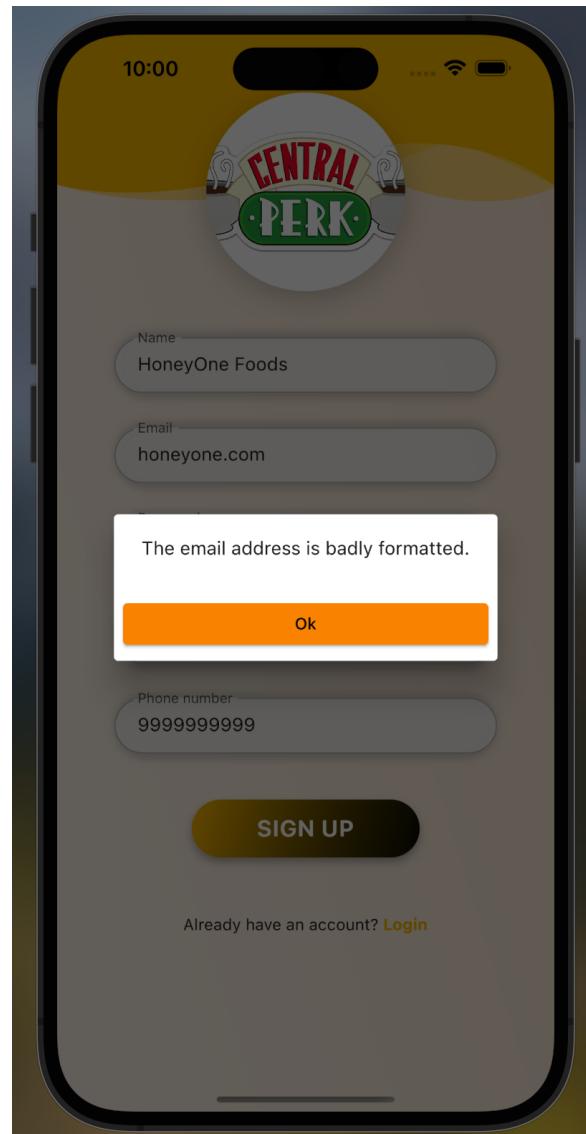
Warning when no image inputs are given.



Warning: due to different passwords input the system throws.

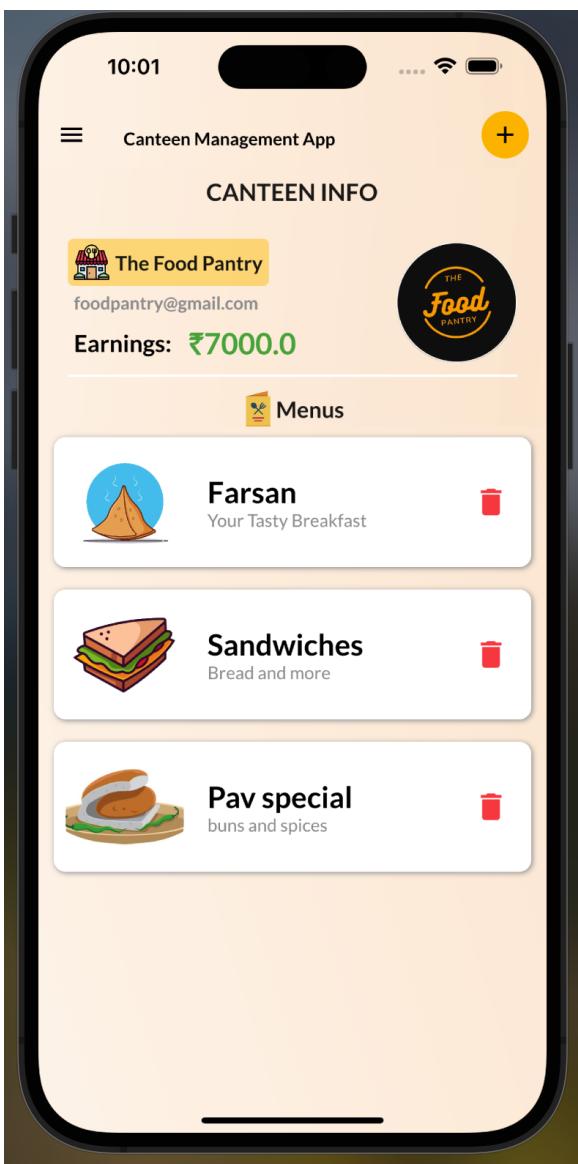


Warning : if we have not input the values in the dialog box asked the system throws warning



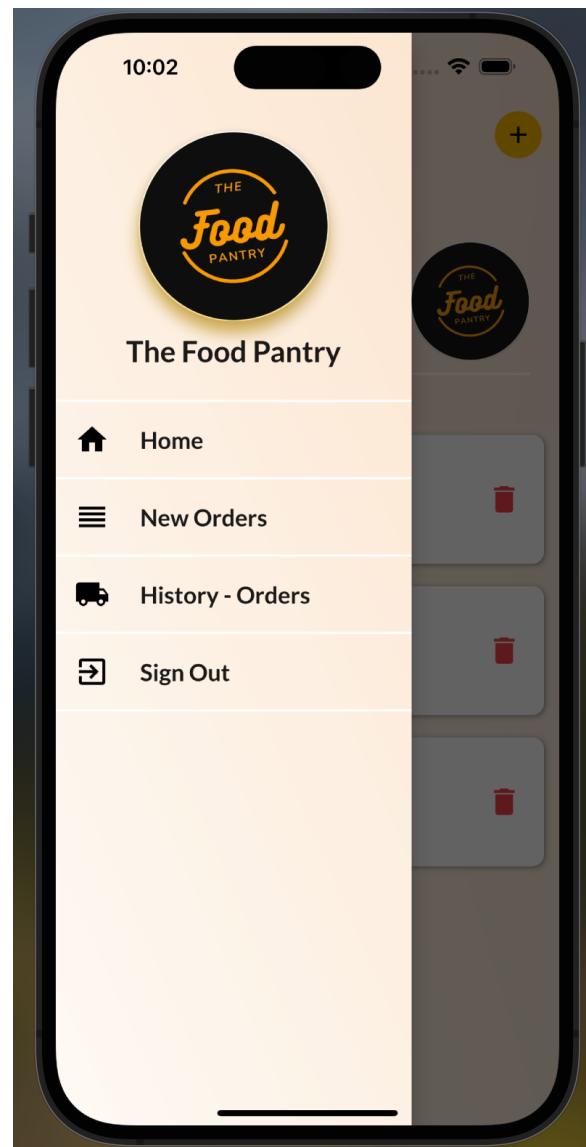
Warning : if we owner does not input the email address in the correct format the system throws error

Home Screen



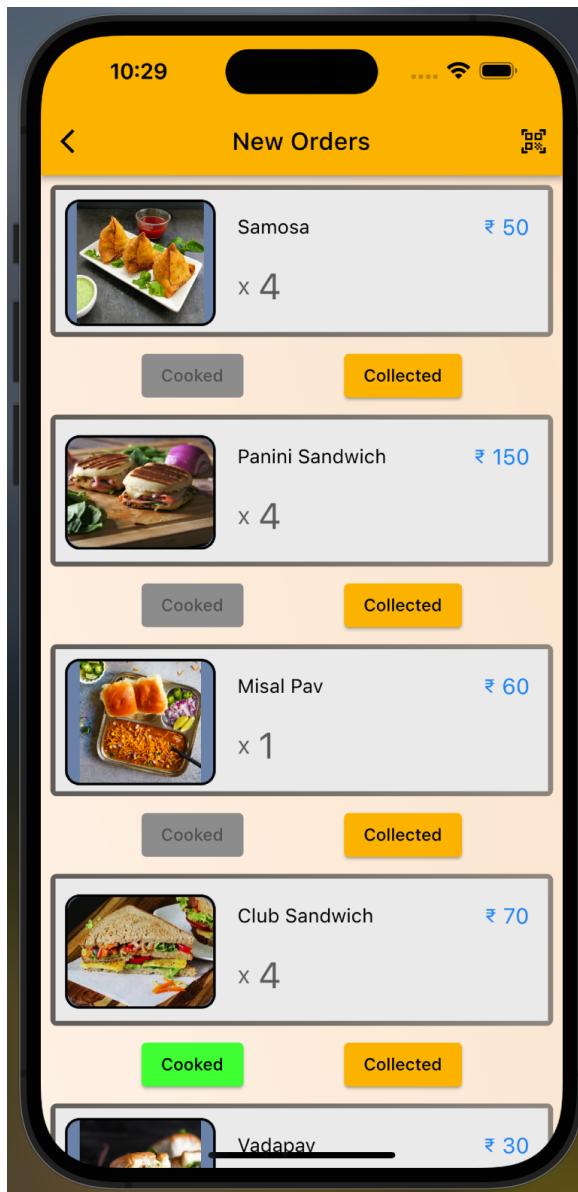
The Home Screen is loaded every time the user is authenticated successfully by firebase authentication.

INPUT:- Click on three lines on top left corner



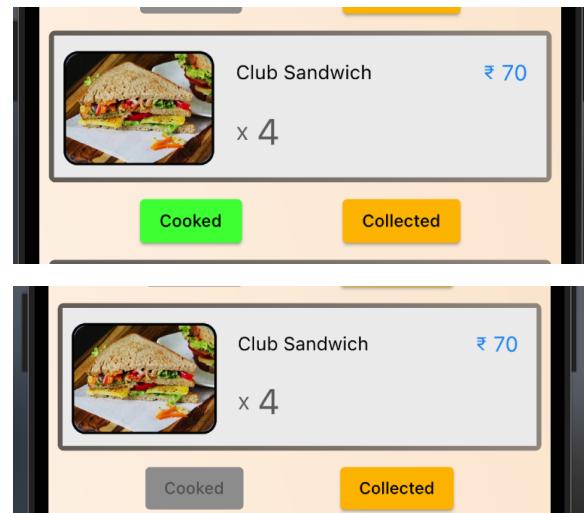
This shows the drawer of the app with options like home, new orders, history and sign out.

Input: The user taps on New orders button



This screen shows the orders received by the seller and the seller can update the status of the order.

Input: the owner pressed cooked button

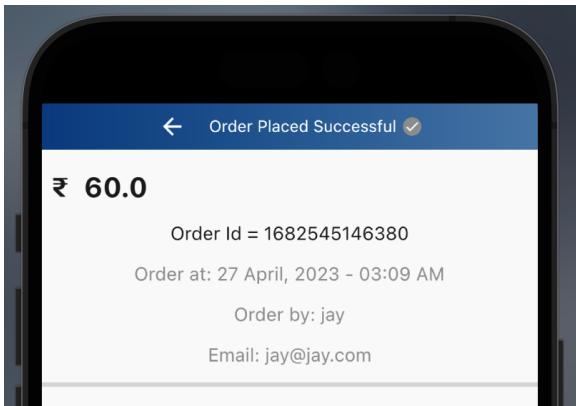


Output: the cooked button turns gray once you press cooked else it stays green. On clicking cooked the button turns gray and updates the user side app order status to cooked.



The right side of the navigation bar shows a QR code scanner to verify the person who comes to collect food.

Input: Tapping any order in the My Orders Screen



This shows more information about the order

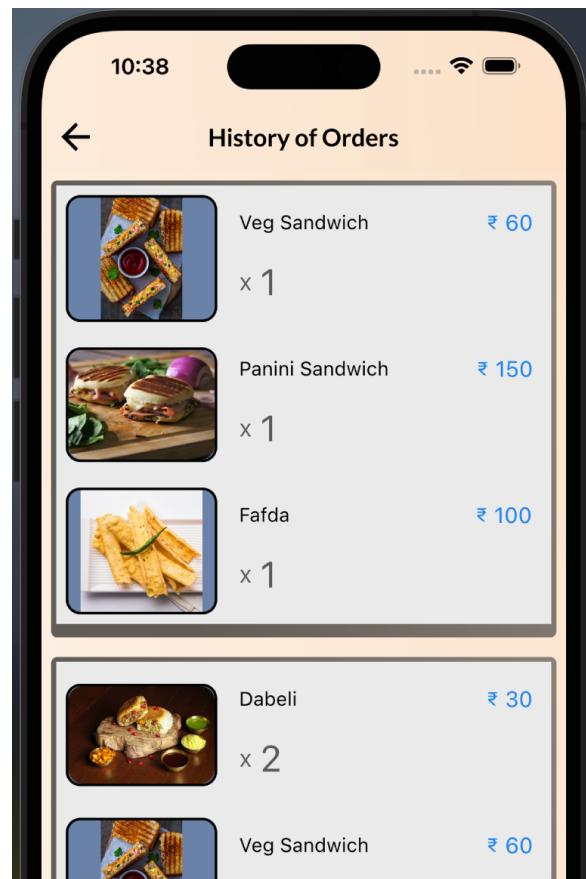
Input : On clicking collect the order.



Output: The order is removed from New orders and sent to history.

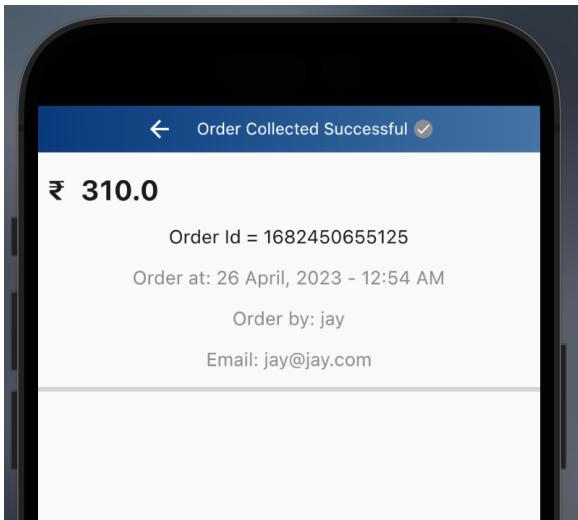


Input: Tapping on History of Orders in App Drawer



Output: List of all collected orders will be displayed.

Input- Tapping on order in history screen

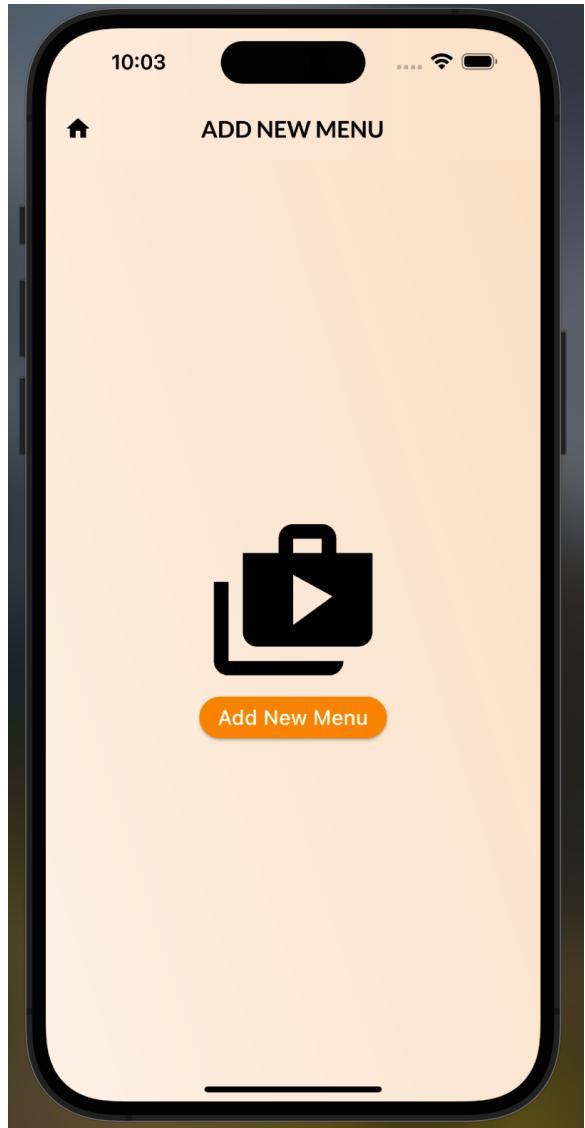


More information about the order will be displayed on this page.

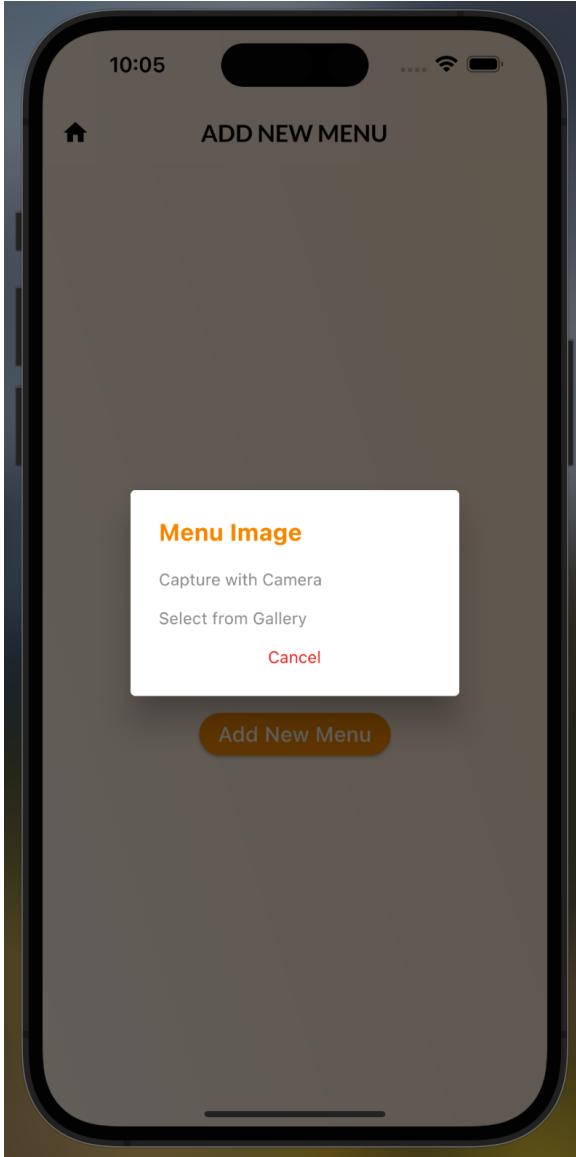
Input: click on add new menu on HomeScreen using



The plus button on the top of the screen.

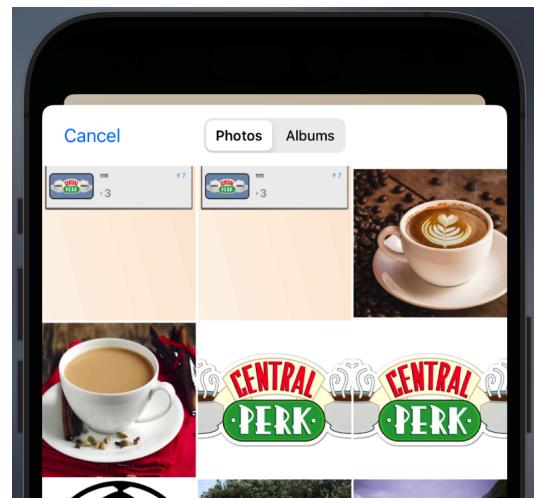


Input- On tapping Add New Menu in the add menu screen.



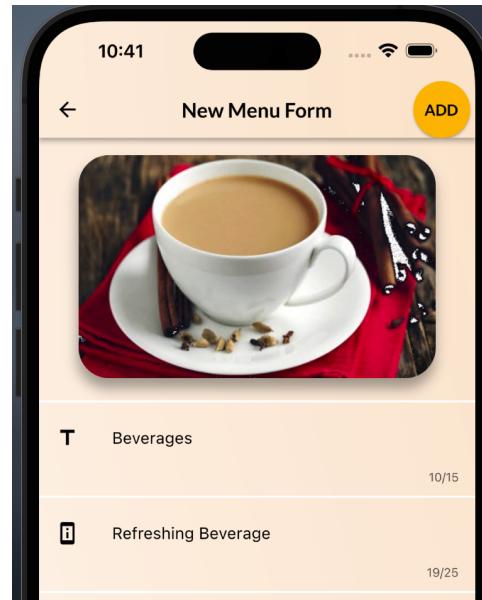
Output: menu upload dialog box for capturing the menu items

Input- Tapping on gallery for uploading image.



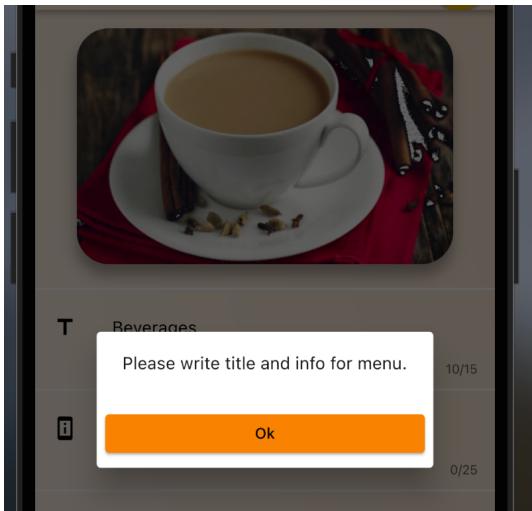
Output -Gallery opens on selecting gallery and camera opens on selecting camera

Input - Successful Adding of Image in new menu form.



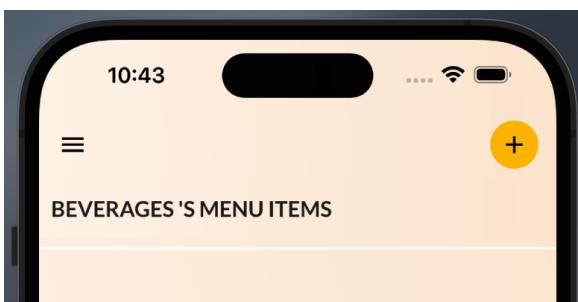
Output: Additional text fields will be shown as displayed above

Input: Pressing ADD without title or Info added.

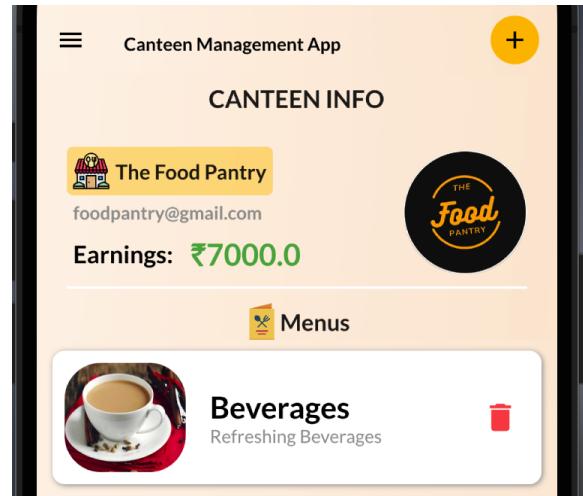


Output: Warning to write title and info for menu.

Input: Successful Adding all fields in the form



Output: Successful generation of menu items this will also reflect in home page as shown below.menu

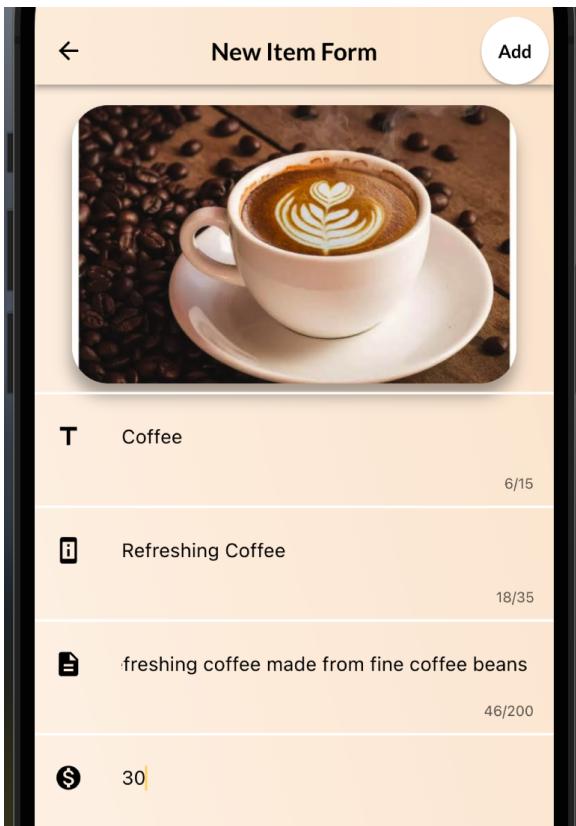


Input: Adding new items in menu

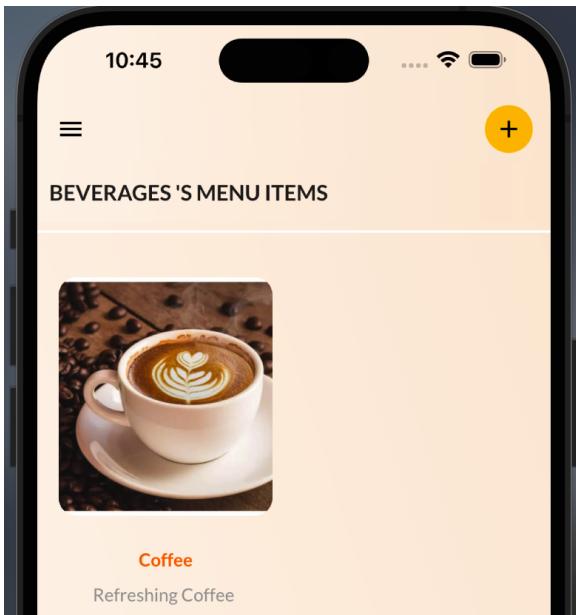


Output: New page to add new items in the menu page

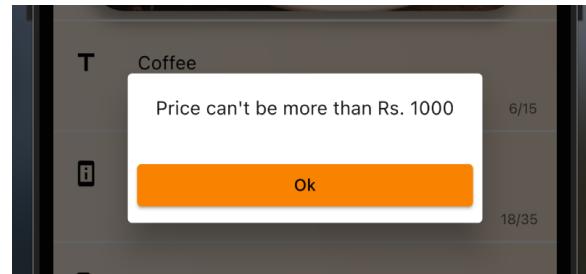
Input: On tapping Add new item in the menu page.



Output : New page asking for details for the item



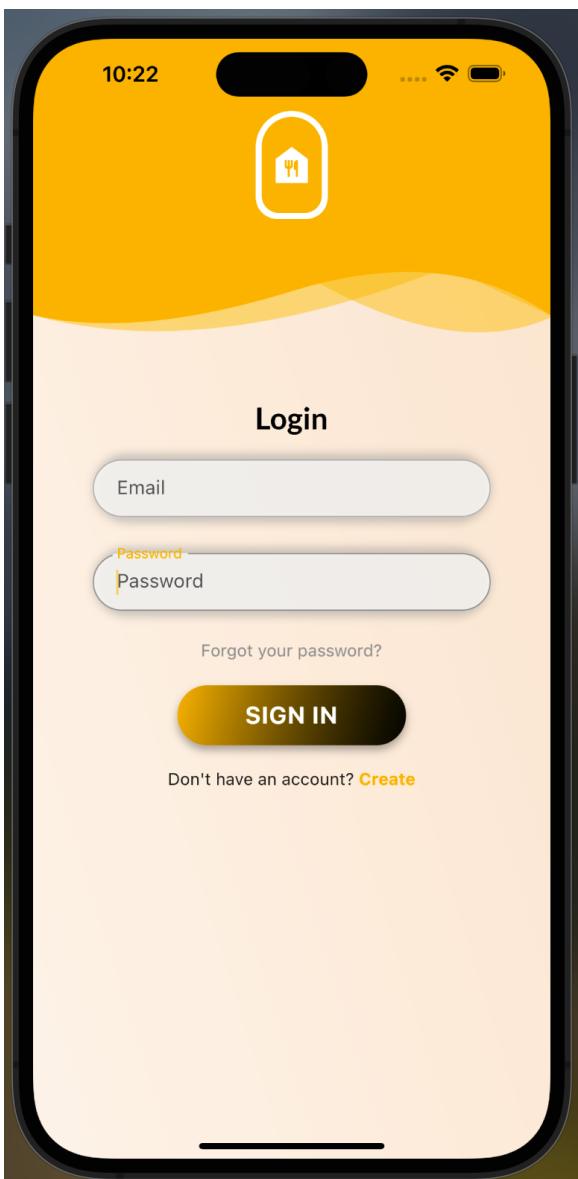
Input : If the item price is greater than 1000



Output: Warning Message for Item price.

All fields have character constraints and price fields have upper limit of price, also all fields are compulsory without that add button will not work.

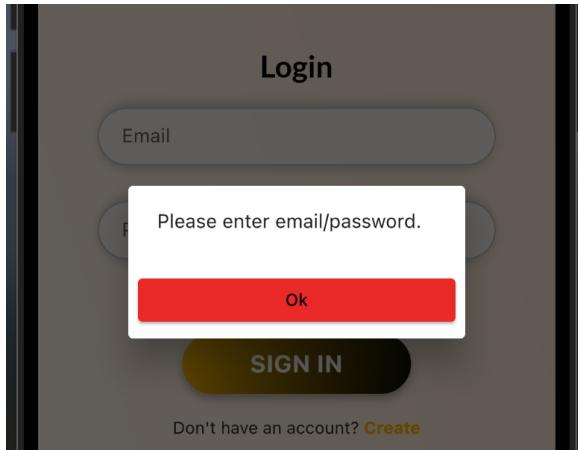
User Side App



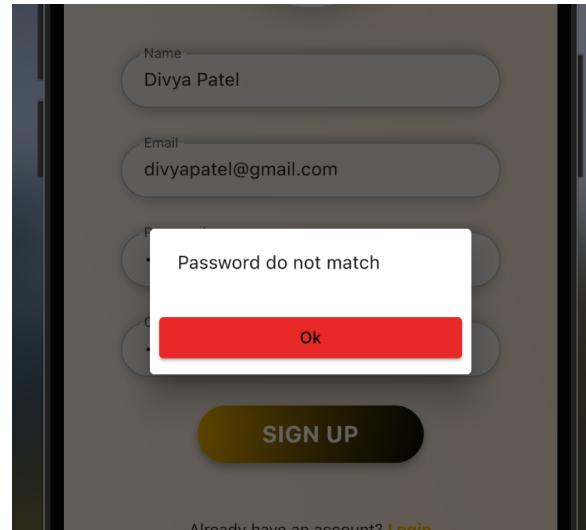
The user gets a welcome screen and then he is asked to enter email id and passwords

The following are the warnings respectively

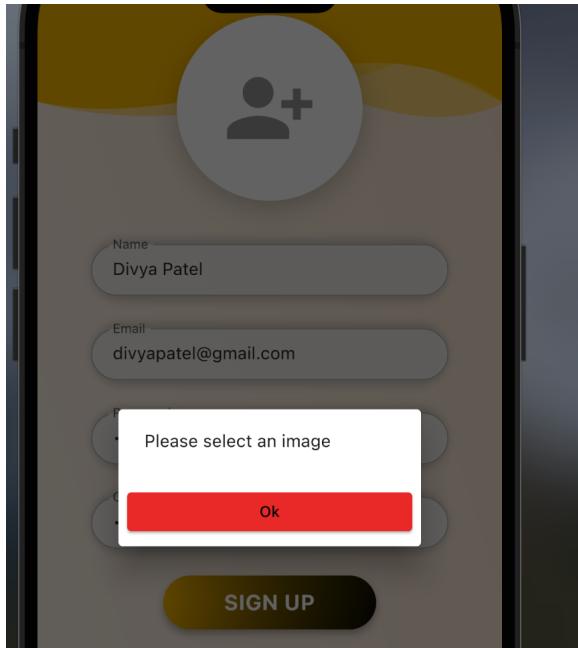
- (a) Please enter email/password
- (b) Please select an image (in register portal)
- (c) Passwords does not match
- (d) the email address is badly formatted



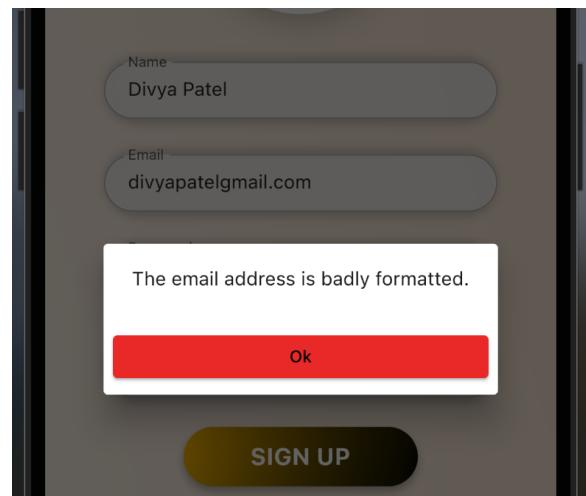
(a) Reason: for not entering email and password



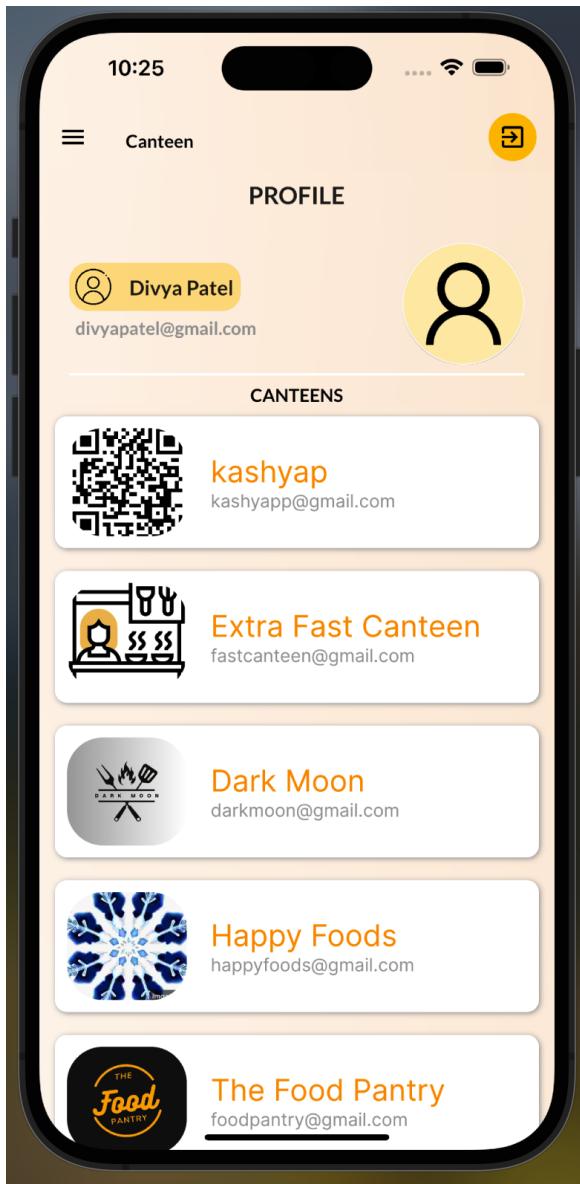
(c) Reason: user inputs different password



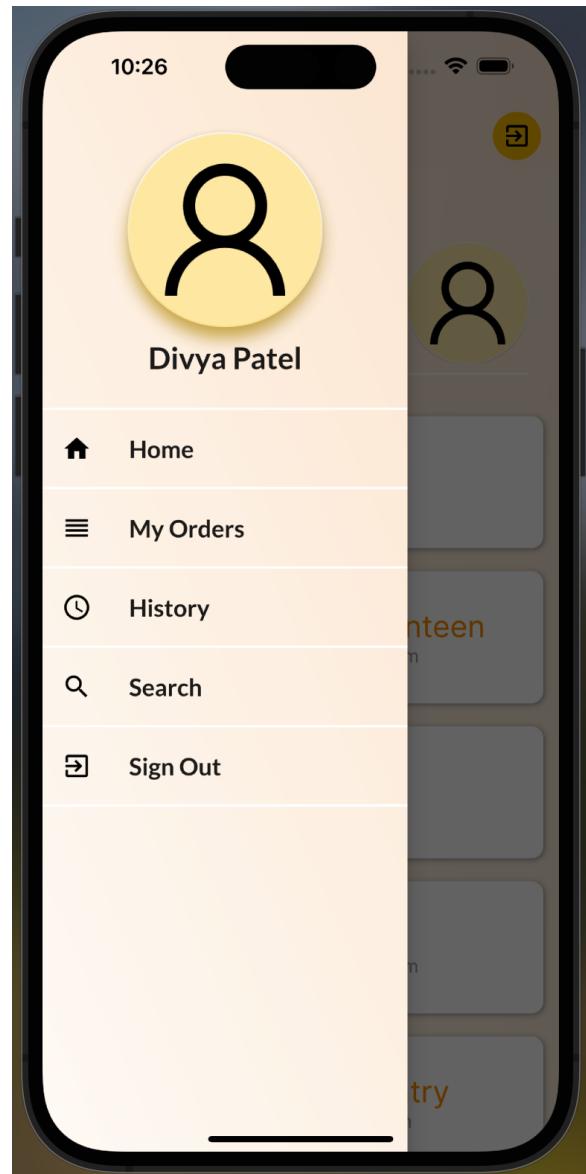
(b) Reason: for not uploading image



(d) Reason: email is not in the correct format

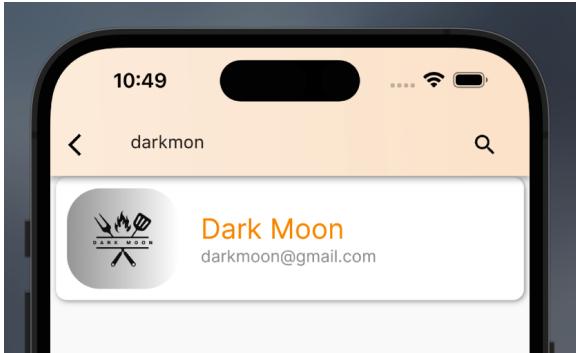


User screen after he/she gets logged in



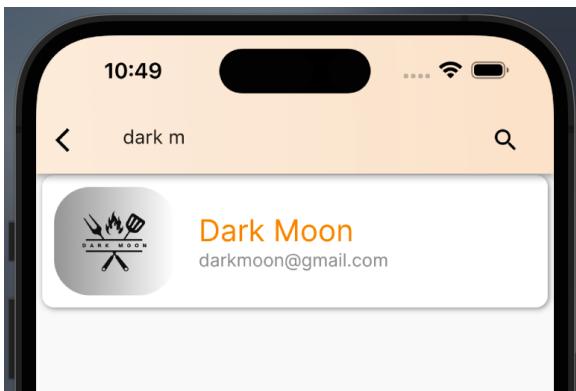
The drawer icon placed in the top left corner is tapped to show the other option available to them

Input: Opening Search from the app drawer and searching with spelling mistakes



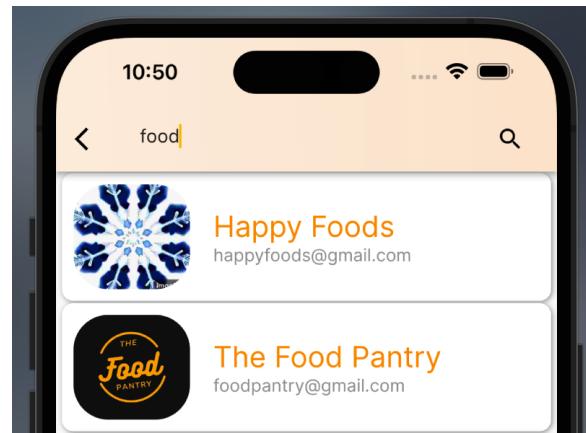
Spelling Mistakes are understood by search
Output : The spelling mistakes are understood by the engine and it returns the most relevant results.

Input: Opening Search from the app drawer and searching with incomplete strings



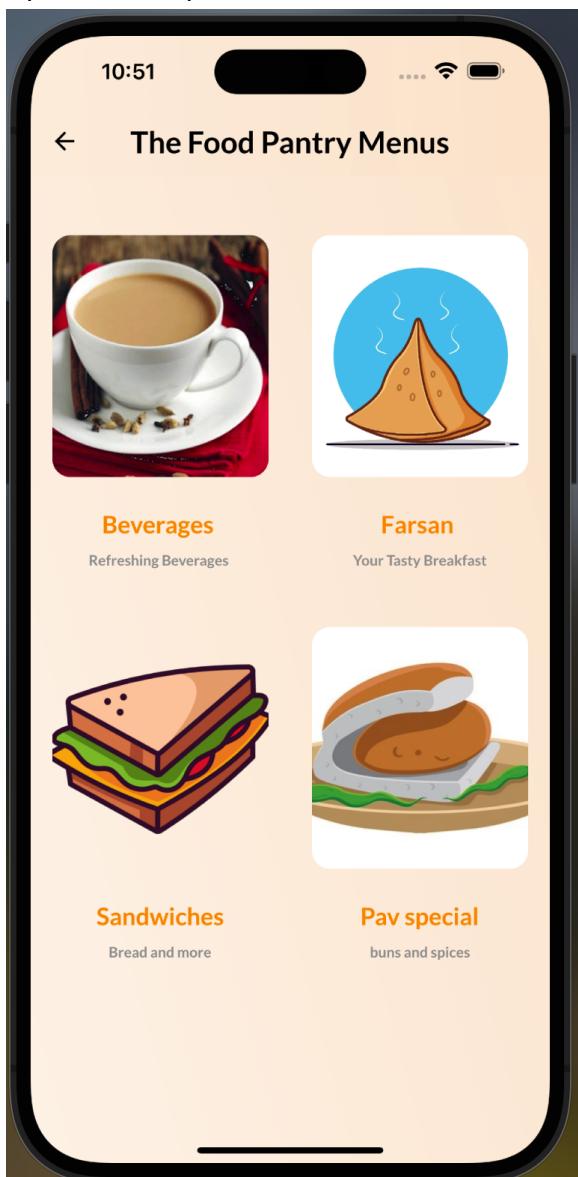
Output : Canteens from Incomplete strings are suggested by search.

Input : searching common string.

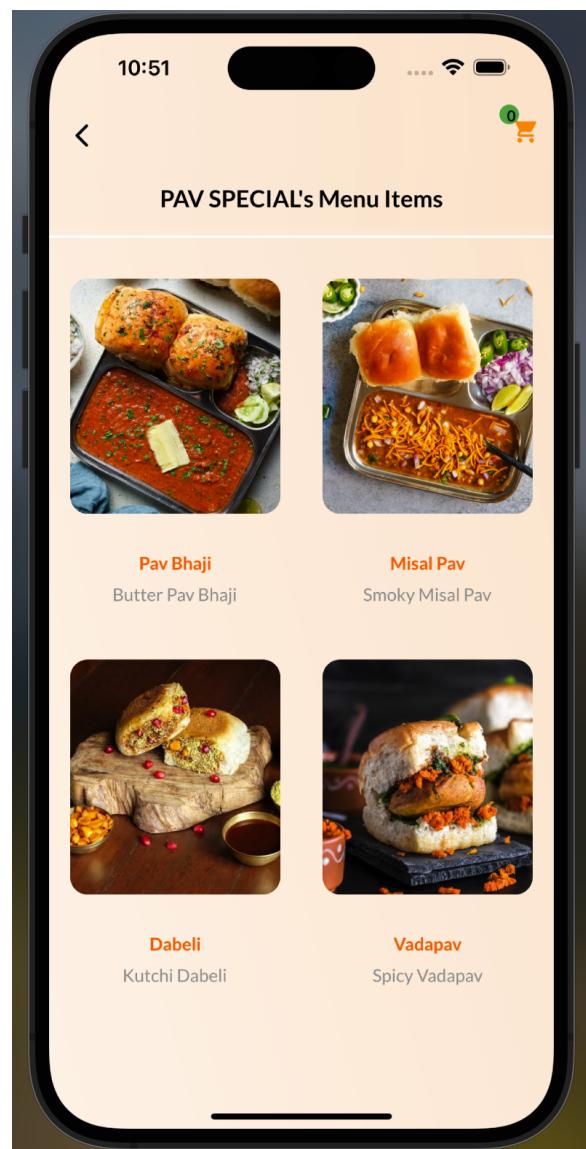


Output : Multiple canteens are retrieved for common query if it matches.

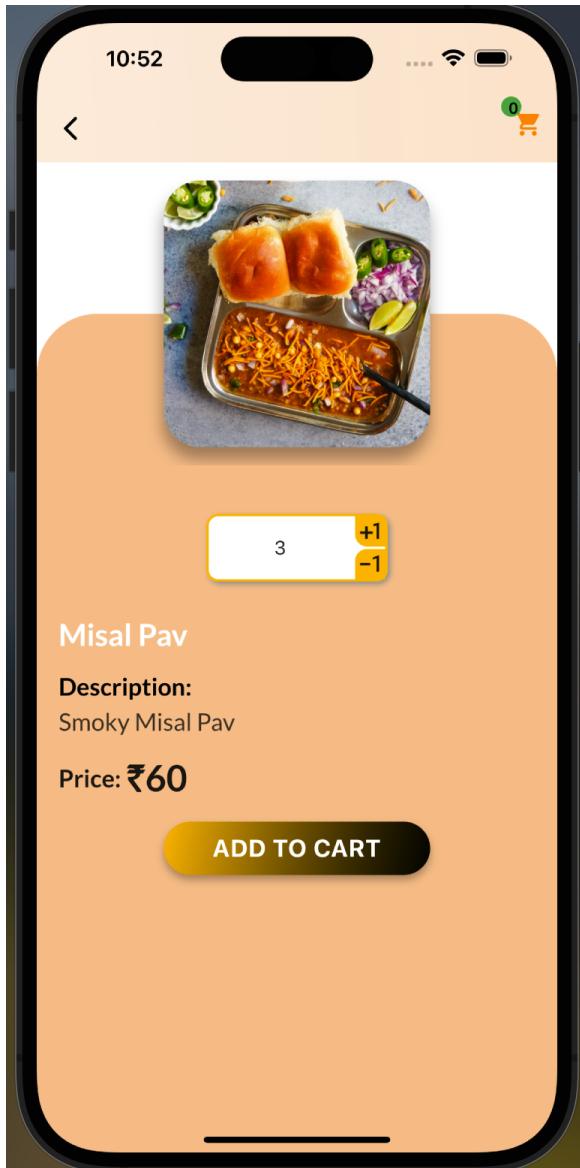
Input : User taps on seller icon.



Input: On tapping Any menu in the list.

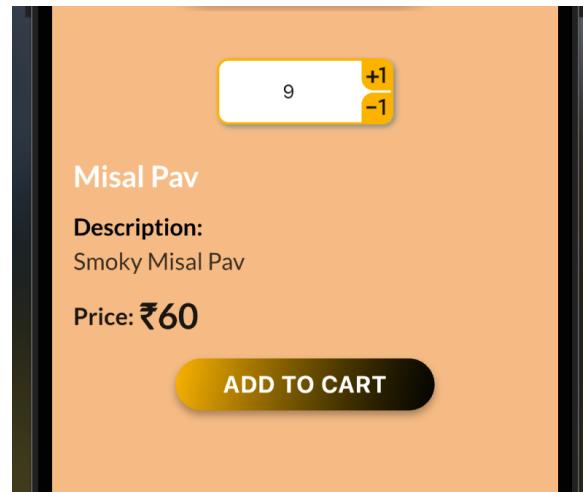


Output : Screen for the selected canteen is observed for the user(only the item which are uploaded)



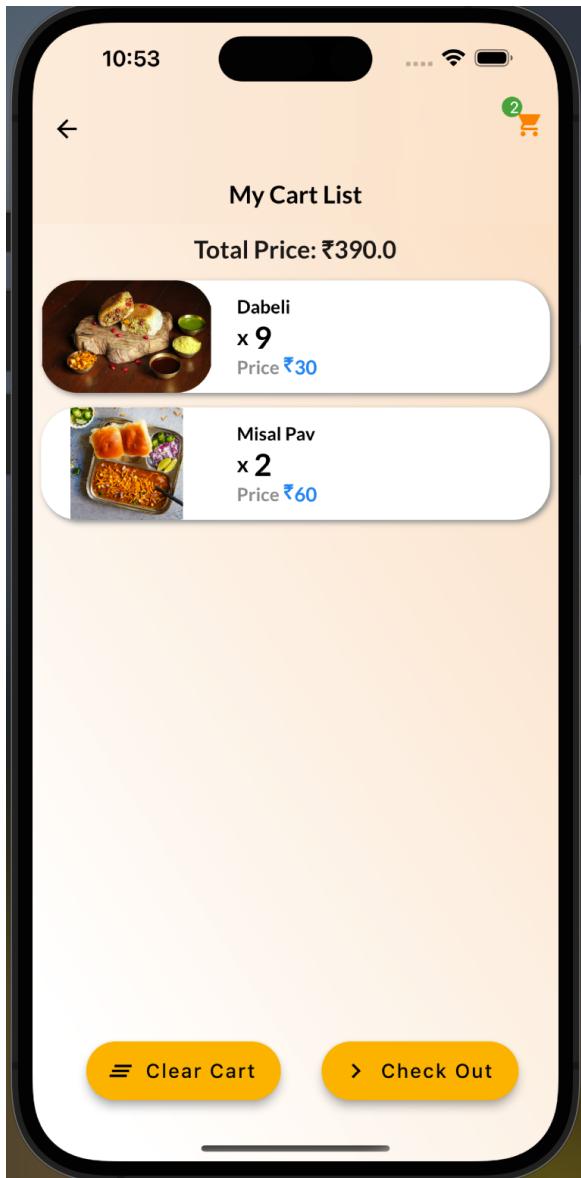
Output : Items in the menu are returned.

Input: on tapping any item in menu and selecting the quantity.

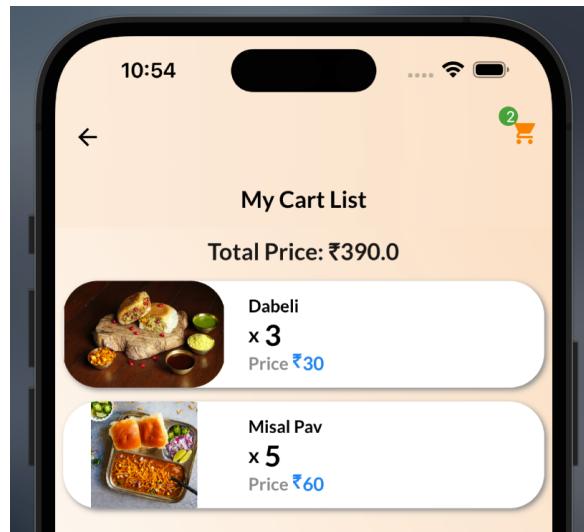


Output : You cant click beyond 9 for quantity of food

Input : On tapping Add to cart



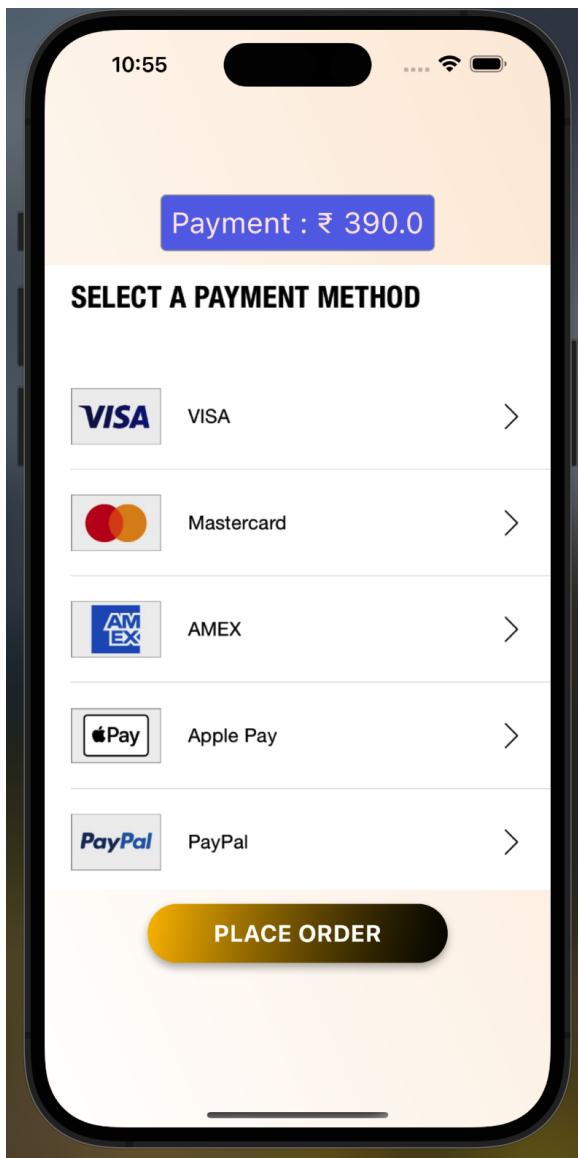
Input : On tapping My Cart



Output : my cart screen will be loaded with detailed cart description.

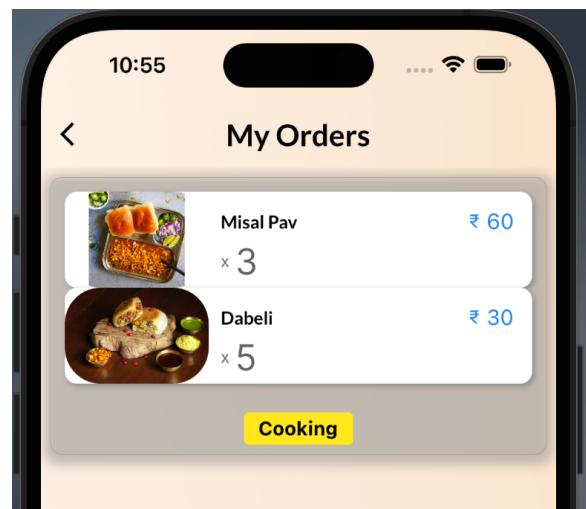
Input: On tapping Checkout in the cart

Output: On going to my cart the items will be reflected
On clearing cart the cart will be cleared and returned to home screen.

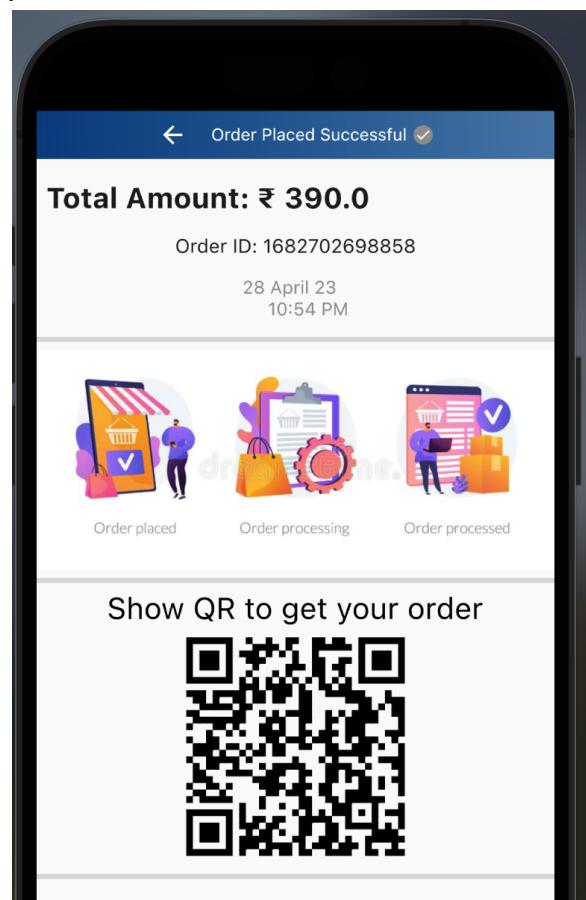


Output: Payment screen will be opened .

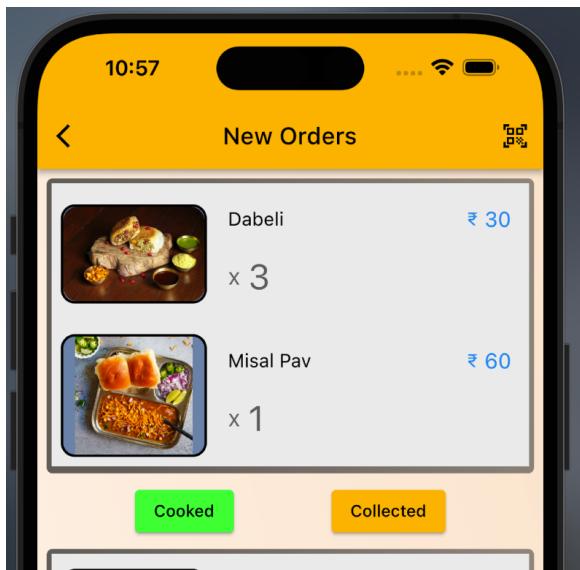
Input : Tapping on my orders to see the recent orders.



Output : On tapping the order details we get this screen with QR code which is scanned by canteen owner to verify the user who placed order



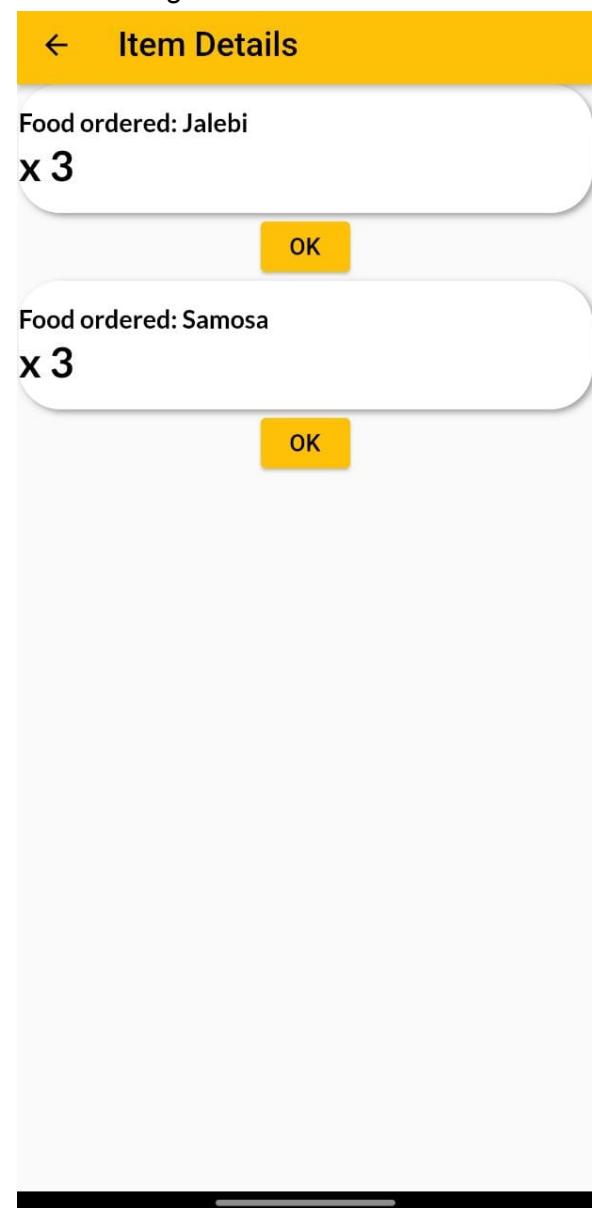
On Canteen-Side App the new order is reflected in the seller account



When the seller or canteen manager taps cooked



On Scanning QR Code



We successfully verified the orders on
scanning the QR code.
