Home Delivery App Scenario

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Scenario components to consider:

- **Cooks**: Create a menu and allow for some customer requests. Notify the driver for pickup and customer that their order is on the way. Cooks must be validated/verified with different requirements/mandates. Other components will be showing payment information, ability to view GPS of where the driver is, and ability to contact the driver by messaging. They can rate the driver's service.

- **Driver**: GPS must be provided to the driver to show the quickest routes from the cook's location to the customer's location. Order information gets shared to the driver then gets notified by the cook when food is ready. The driver will have the ability to contact the cook and customer by messaging. Their payment information for successful deliveries will also be shown. They can rate the Cooks service on how quick they get the food out.

- **Customer**: Ability to look at the cook's menu and order. Receive their order information and the ability to contact the driver by messaging. During the entire order process the customer should be able to see the status of their order. They can rate the cooks' food/service.

Scenario

The Home Delivery App is an application which consists of three kinds of users which are the customer, driver, and cook. This app will allow interactions among these three users to provide fresh home cooked meals delivered to the customer. Utilizing tools such as ratings and surveys will ensure that all three users are satisfied. These two tools will also be expected to increase the amount of users on the application. The first scenario will describe what happens when each of the three users starts using the app.

Scenario "Cook"

This scenario describes what happens when the cook uses this app. When a cook first opens the app, the cook must sign up and give personal details such as location and payment methods. After the cook's profile is created and verified, they are able to create/update their own menu and determine pricing. The cook is also able to determine their status: open or closed. If the cook is open, their location will be broadcasted to customers who will then place orders from the menu. While in the open state, the cook is shown a list of orders from customers that must be fulfilled. In order for a cook to become closed, they must change their status and finish all remaining orders.

Scenario "Customer"

This scenario describes what happens when the customer uses the app. When the customer first opens the app they will be required to register their name, location, and payment for information

to have the ability to make orders. Once registered, they will be able to see the list of cooks in their area and their menus to order from. The customer then makes their selections and places the order. The customer will then see information about their order, estimated arrival time, and the ability to contact the driver.

Scenario "Driver"

This scenario describes what happens when the driver uses this app. When the driver first opens the app, the driver must sign up and give personal details such as car information and payment methods. After the driver's profile is created and verified, they are able to choose how far their delivery radius is. The driver is also able to determine their status: active or inactive. If the driver is active, their location will be shared to the app and the driver is shown a list of deliveries. Drivers must accept deliveries and accepted deliveries are shown in a "current delivery" list. In order for a driver to become inactive, they must change their status and finish all remaining deliveries.

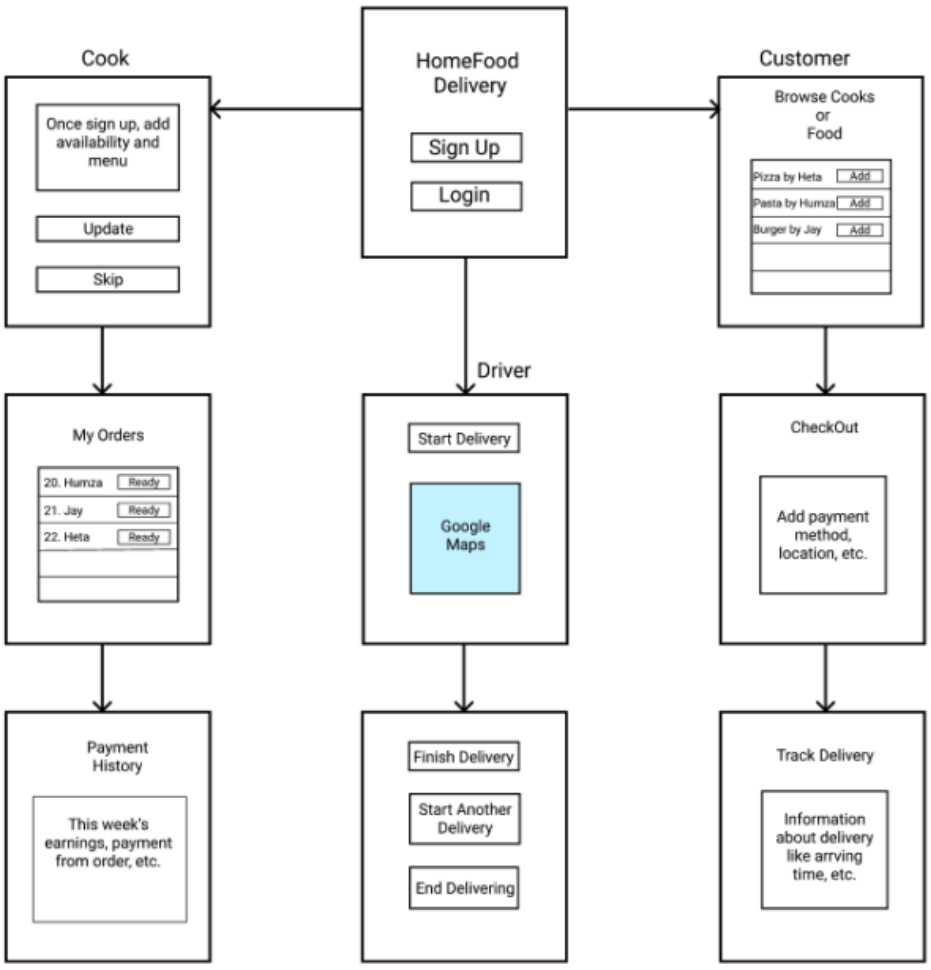

Figure 1. Block diagram of the Home Food Delivery app.