



Cookee High-Fidelity Prototype README

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High-Fi Prototype

Our Hi-Fi prototype was built using React Native and Expo to develop. Data is stored on Firebase, and we used Apple's Xcode simulator to test.

How To Use

Cookee can be accessed via an iOS device, android online, or online. We recommend accessing it on an iOS device. The app is optimized for an iPhone 13.

To run Cookee on your device:

1. Download the "Expo Go" app from the App Store/Google Play Store
2. Log into Expo Go on the Profile tab with
 - o **username:** cookeeapp
 - o **password:** Cookeegg!
3. On your phone browser, go to <https://expo.dev/@cookeeapp/nested-nav-demo> and tap on "Open Project Using Expo" (or scan the QR code below using your camera app)



Limitations

Even though there has been significant progress on our Hi-Fi prototype, there are still many features to be implemented. This is due to the limited time frame, so some parts of the design are hardcoded and/or simulated.

Wizard of Oz Techniques

The following components of the app have been simulated using the Wizard of Oz technique:

1. Live Cookee Rooms
 - a. We simulated a Live Lasagna Cookee Room in the High-Fi prototype with a Youtube video where the user can follow a professional chef. In the final product, the app would be able to create a masterclass/zoom live video Cookee room for each cuisine that allows a professional chef to lead a session with a live audience that can communicate with each other.
2. Voice to recipe
 - a. In the final product, the user would be able to use voice to text to input their ingredients. The app would also have an algorithm that could take ingredients & pantry items to create recipes that fits a user's needs based on time and taste in food. We simulated this voice to text & recipe creation algorithm by visually showing the app is "listening" using a pulsing icon, and giving the user set ingredients.

Hard-Coded Elements

The following components of the app have been hard-coded or omitted for demonstration purposes:

1. The list of available Cookee Rooms is hard-coded in Firebase
2. Only being able to join the Italian Cookee Room when selecting the "join" button from a Cookee Room
3. For adding and editing meal plans, users can input their text, but it will not populate a day's information
4. Ingredients and recipes on Pantry page
5. Pantry's current stockpile count is a hardcoded value
6. Ability for the user to customize their settings and profile
7. Calendar meal plan offers only a few variations of a day's meal plan