

# Cookiee



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# Overview

**01 Exploring  
Design Ideas**

**03 Task Flows**

**02 The Lo-Fi  
Prototype**

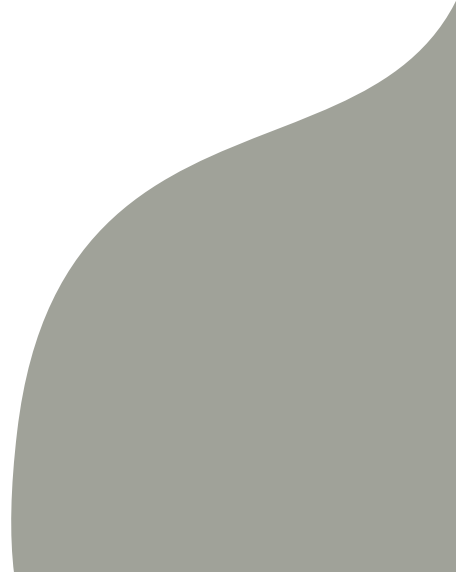
**04 Methods &  
Results**

# Mission Statement:

Making meal time easy and fun for busy people

# Value Prop:

Cook efficiently; Cook enjoyably; Cookee

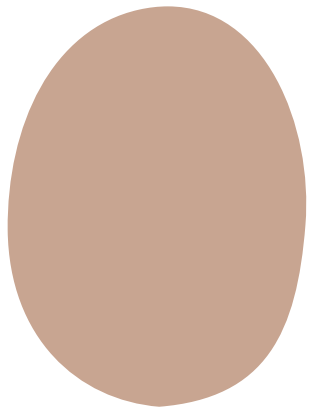
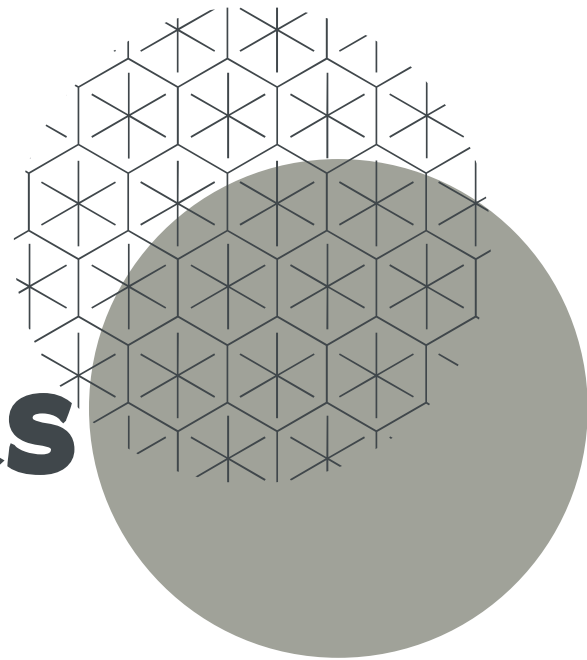




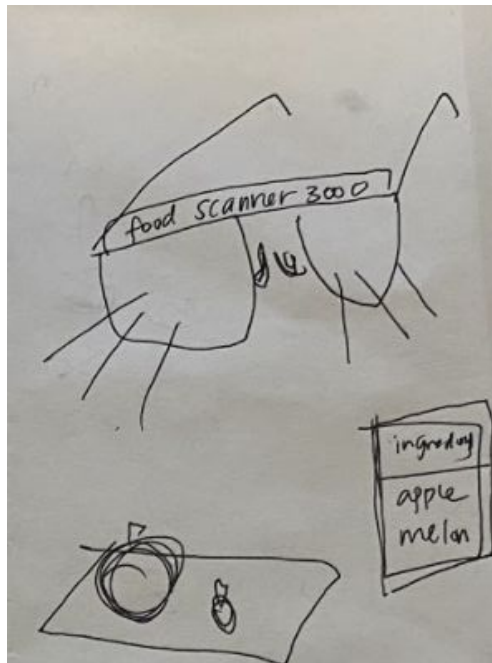
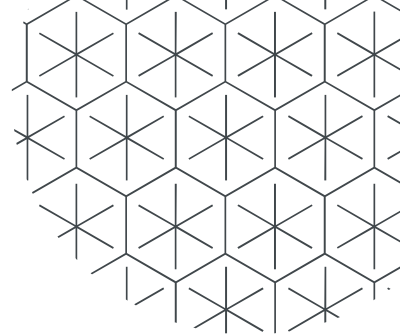
01

# Design Ideas

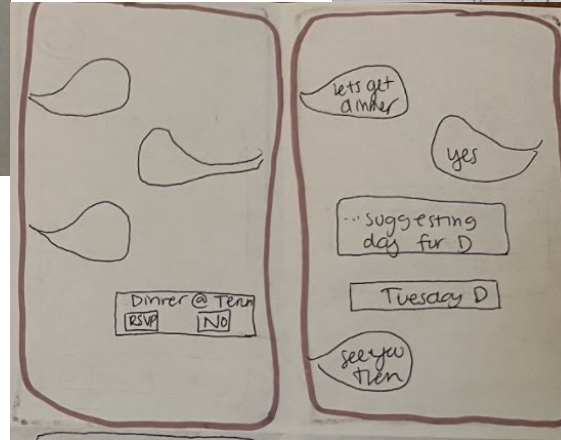
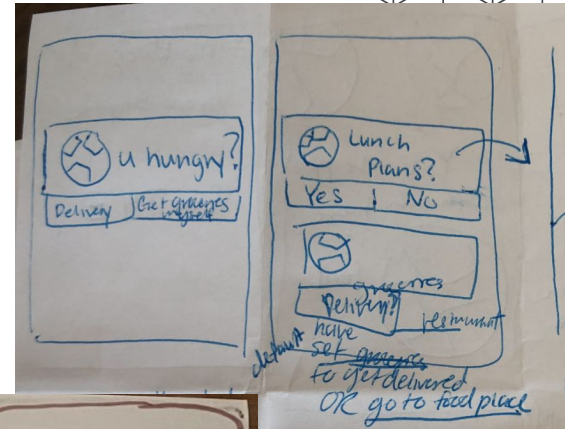
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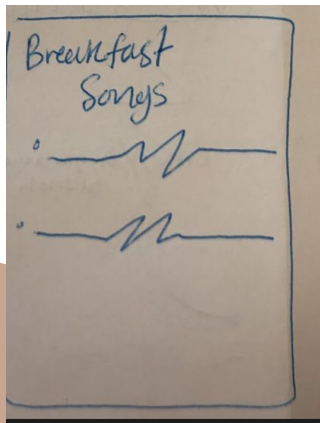


# Interface Exploration: VR/AR



# Interface Exploration: Watch/Chat



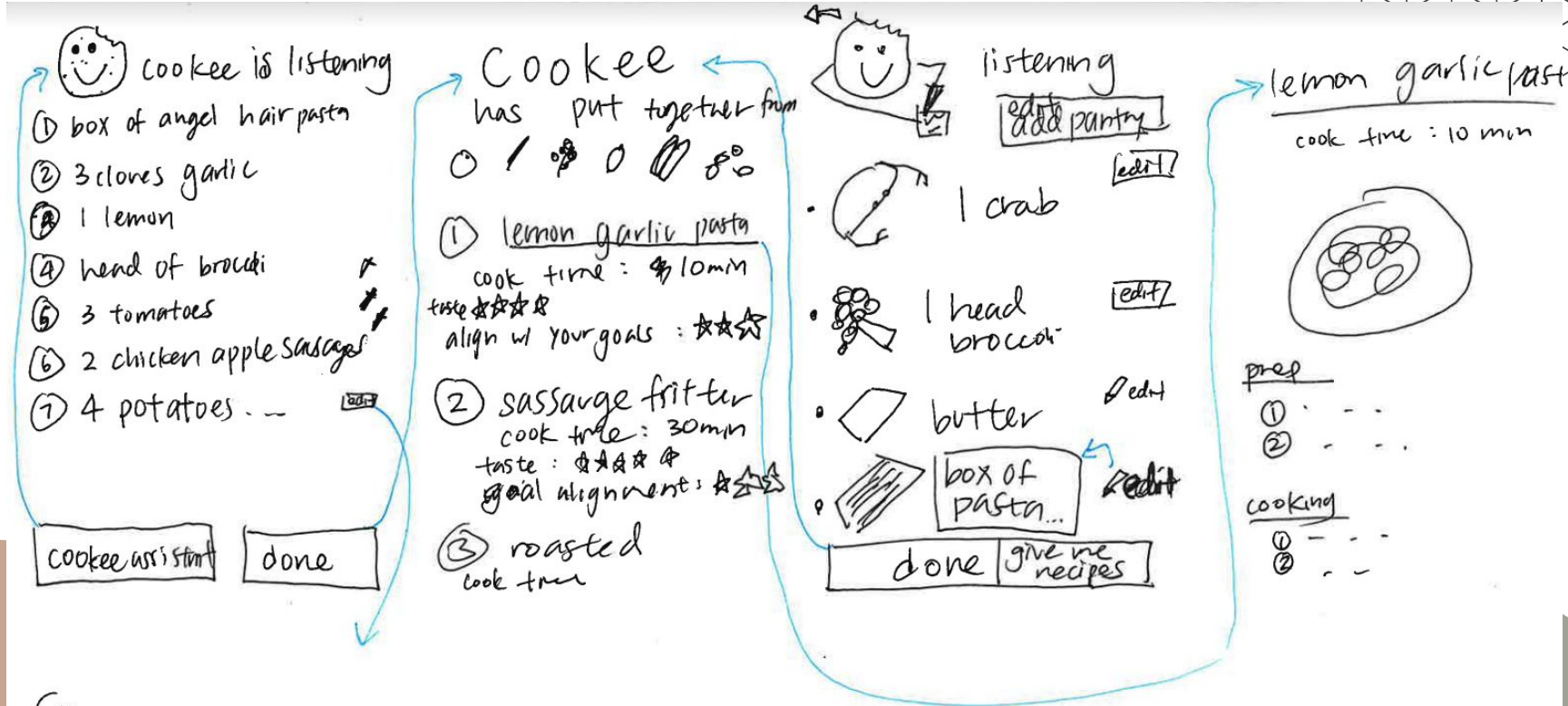




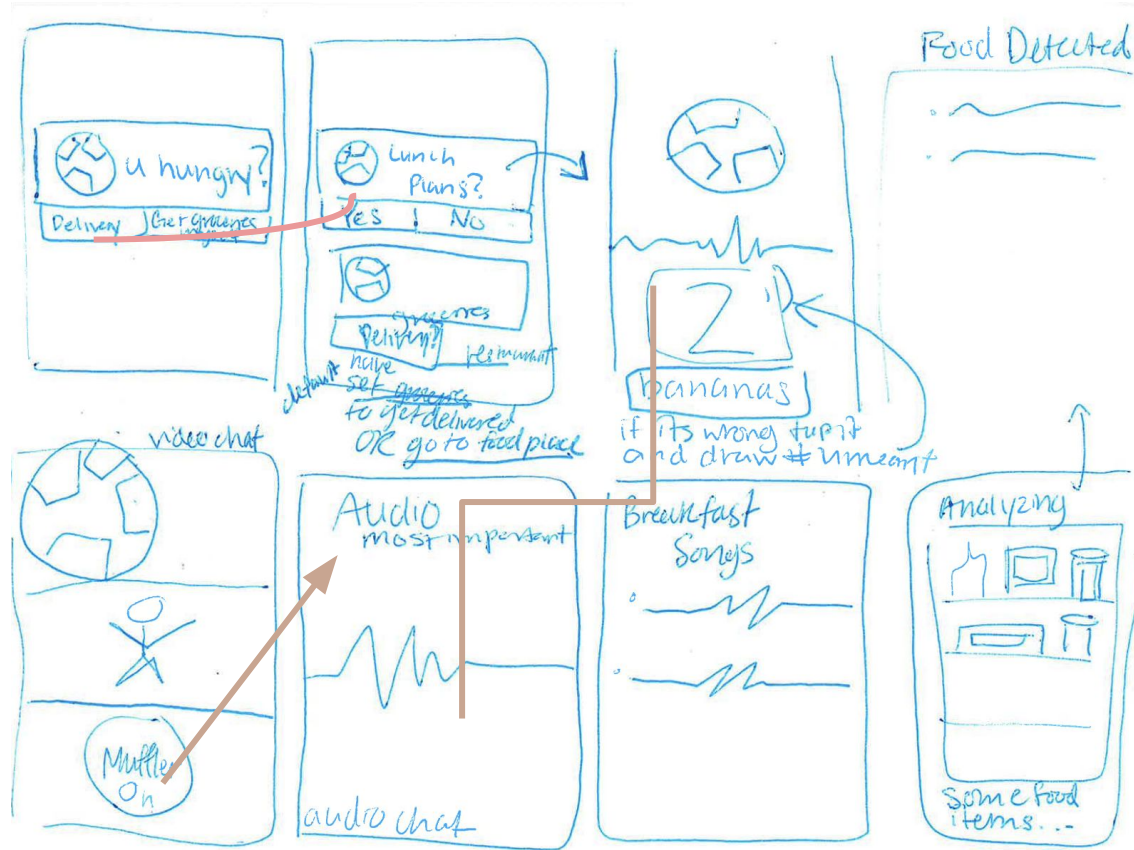
# 02 **The Lo-Fi Prototype**



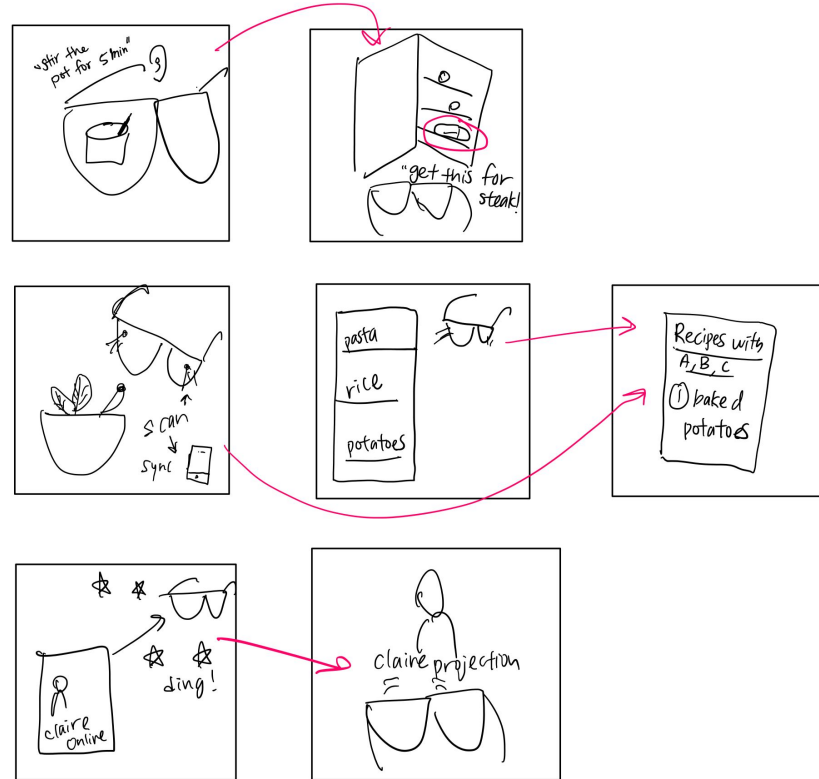
# Mobile Task Storyboards



# Mobile Task Storyboards



# AR Storyboard





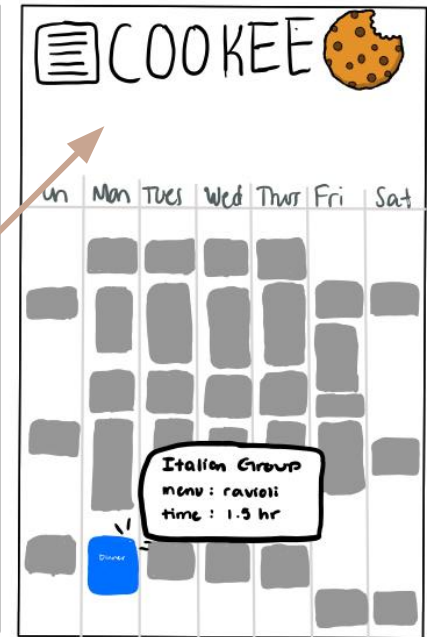
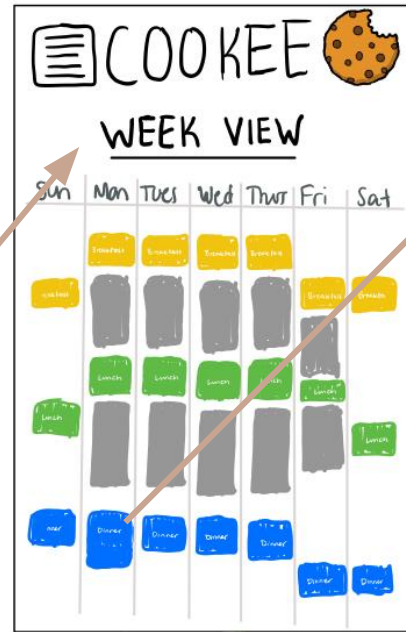
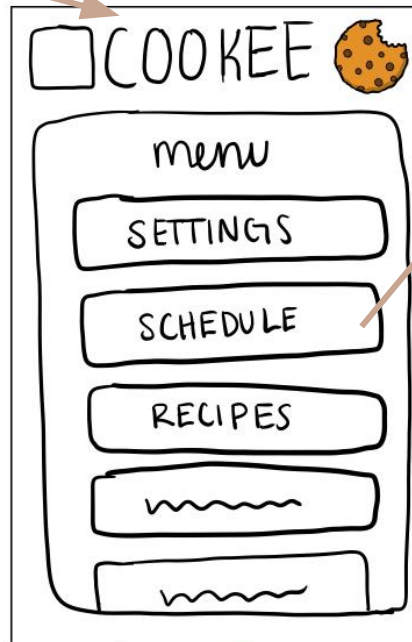
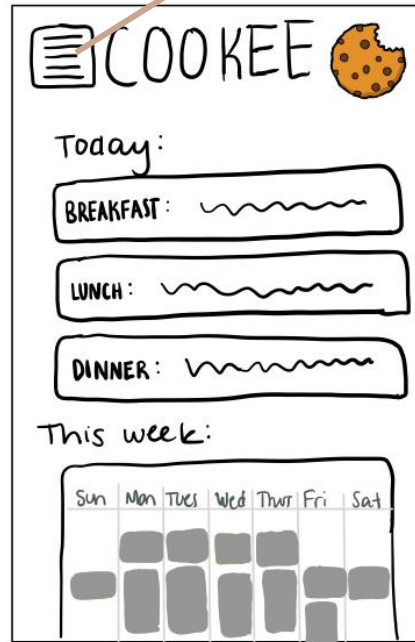
03

# Task Flows

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# Task I

## Establish healthy and consistent eating habits




# Task 2


Create nutritious meals from available ingredients




TAP COOKIE TO MAKE LIST



START LISTING




TOMATOES



BUTTER


TOMATOES



PASTA

BUTTER

TOMATOES




BROCCOLI

PASTA

BUTTER

TOMATOES



BROCCOLI

PASTA

BUTTER

TOMATOES

### YOUR PANTRY


01 · 30 · 2021

Quant	Ingredient
4	Bananas
3	Boxes of pasta
1	Broccoli
1	Butter stick

EDIT GO TO RECIPES


### RECIPES

10min




Grilled Cheese

30min




Tomato Soup

1hr



Lasagna

1hr

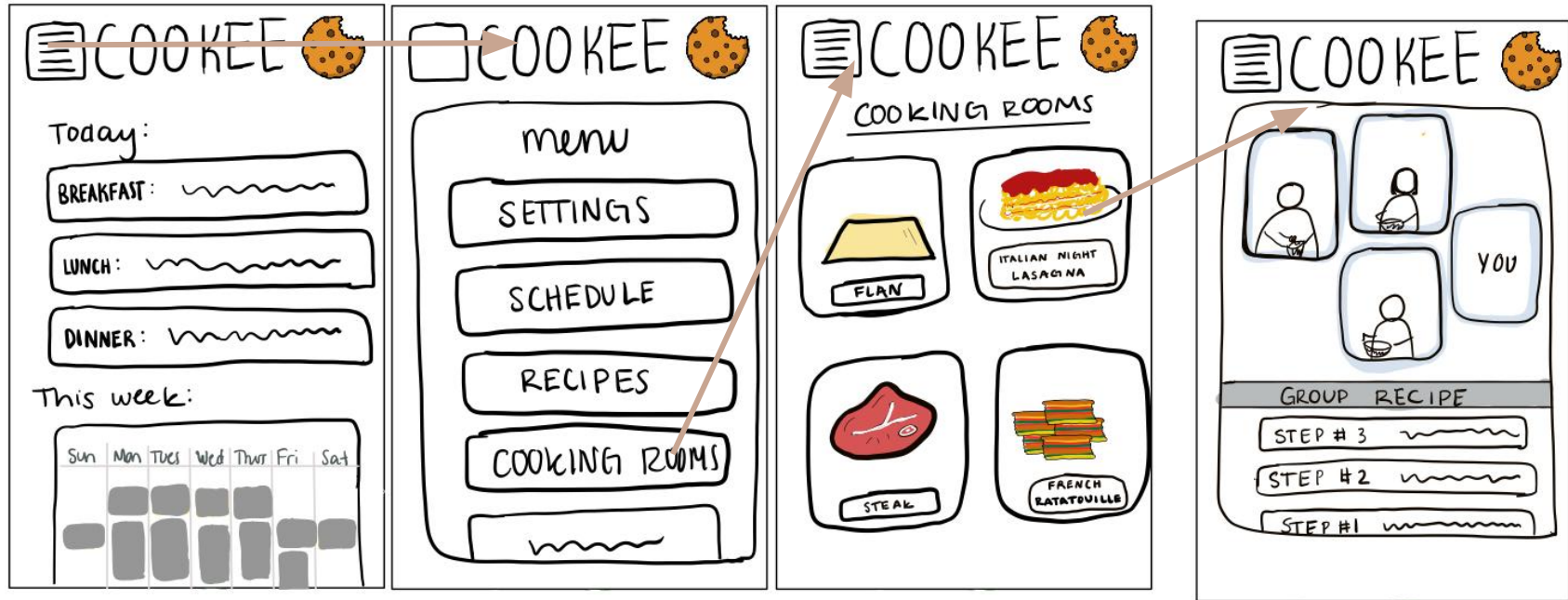


STEAK



# Task 3

Bring community into the kitchen





# 04 **Methods & Results**



# Experimental Method

1. Approach, give introduction, consent
2. Introduced task, following script
3. Ask the participant to execute paper task while talking out loud
4. Film the user's hands interacting
5. Notetaker taking notes of vocalized feedback and frustrations
6. Facilitator move the different paper components
7. Asked general questions and offered time for participant to ask questions

# Participant Overview



**#1**

“Tammy”, a young white professional living in Menlo Park



**#2**

“Hannah” a Stanford admin living in Palo Alto



**#3**

“Sam” a Stanford HCI cotermin living in EVGR



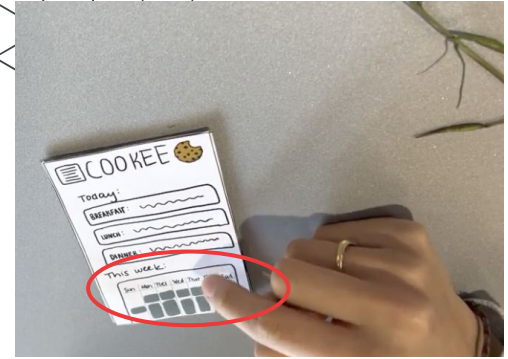
**#4**

“Lizzy” a recent Stanford grad now living in Mountain View

# Task I Results & Errors

Join the Italian Cooking Room

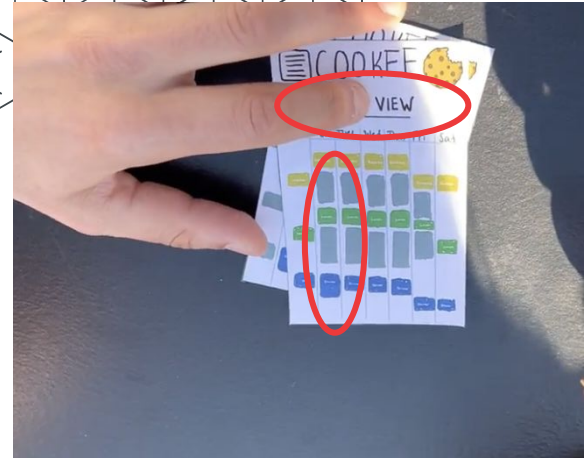
- Once participants navigated to the menu page it was simple to find the Italian room
- Two participants tried to access the room through their calendar page rather than the main menu page
- One participant wished there had been more information before joining the Italian cooking room



# Task 2 Results & Errors

Find your dinner plans for Monday night

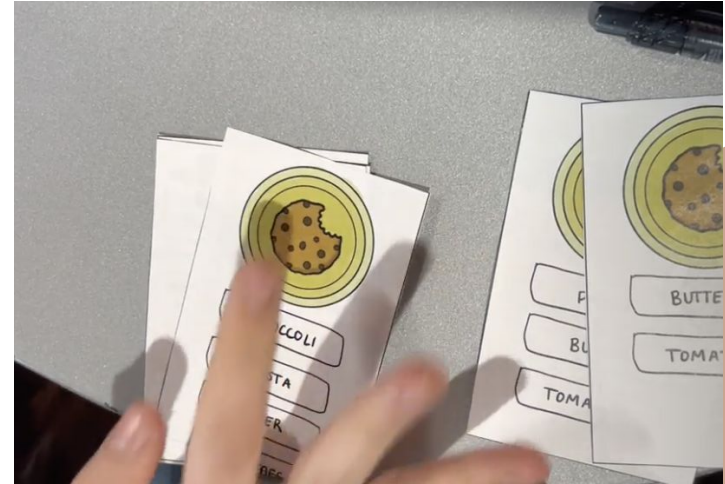
- Two of our participants felt that navigating to the week view was very intuitive
- Three of our participants searched for a day view after navigating to the week view
- Participant #1 cautioned that the week view was “overwhelming”



# Task 3 Results & Errors

Tell the Cookee app what ingredients are in your pantry, so it can find a meal for you to make

- All participants were confused that they needed to speak the ingredients aloud to the app
- All participants incorrectly tried to use audio cues to tell Cookee to stop listening
- Once participants saw the pantry list, it was intuitive how to navigate to the recipes



# Suggested UI Changes

1. Add clear on screen instructions like “begin speaking” and “tap to stop” audio
2. Add more detailed information and an additional confirmation before joining cooking room.
3. Allow users to find cooking rooms by date & time in addition to by content.
4. Adding daily views as an option for the calendar feature

# Summary

