

Prioritized List of System Requirements

- Users will be able to view existing kitchen food items.
- Users will be able to create shopping lists that will inform them of existing food items.
- Users will be able to see information (like calories) about the food in their shopping cart
- Users will be able to create and store recipes.
- User profiles will include information such as allergies and food preferences.

Discussion of User Feedback about the Prototype

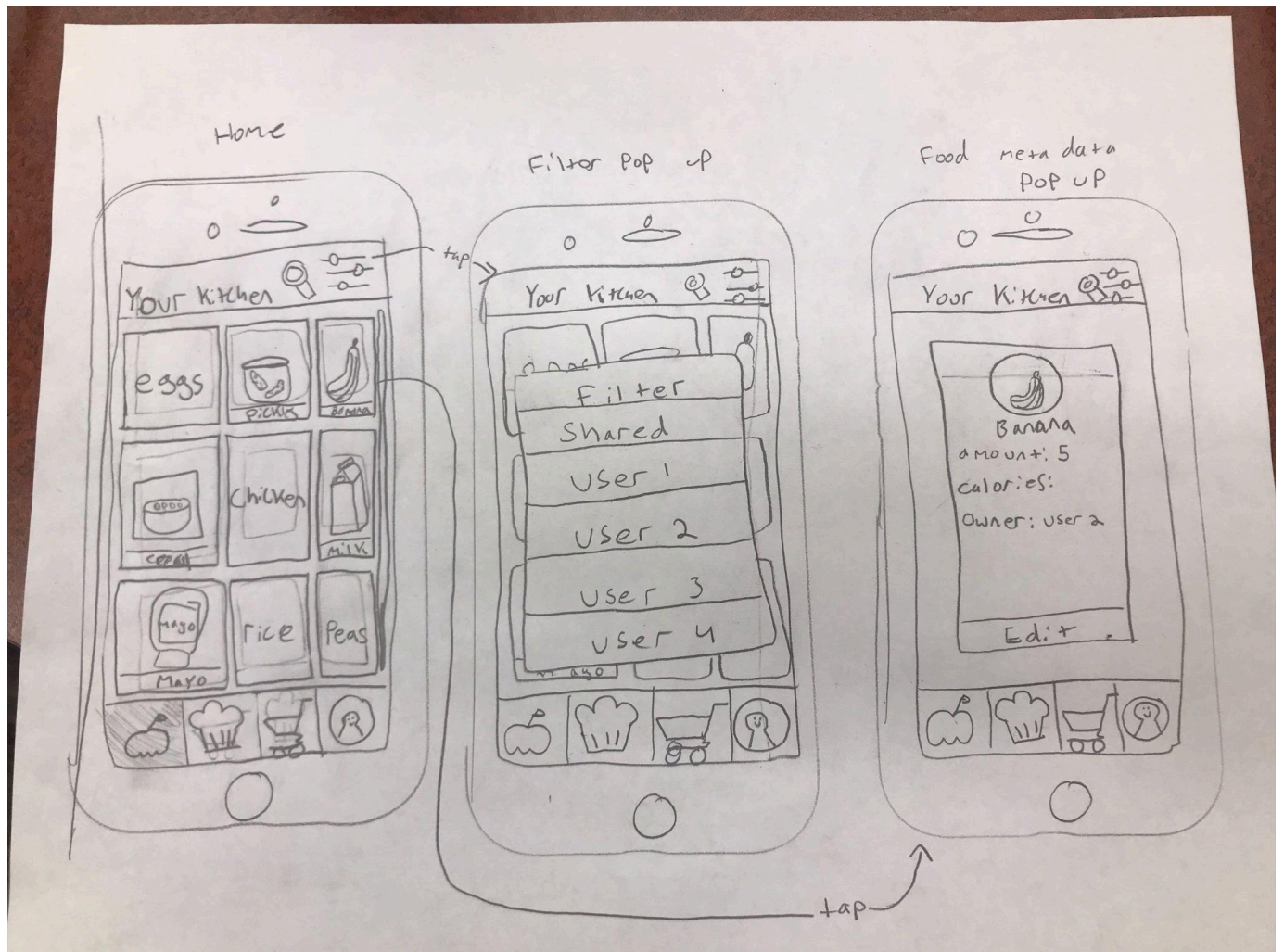
I showed a low-fidelity prototype to a 22-year-old guy who shares a kitchen with his family. He suggested adding arrows next to the amount field on the pop-up for food information in order to make it easier to change just the amount field without having to go through the edit button first. He also pointed out there needs to be an easily accessible way to add new food items. The chef's hat icon was not easily identifiable to him but when I suggested the icon being a book with a chef's hat on it, he could identify that it meant recipes. He also suggested listing all available recipes that use a specific item in the food item information pop-up.

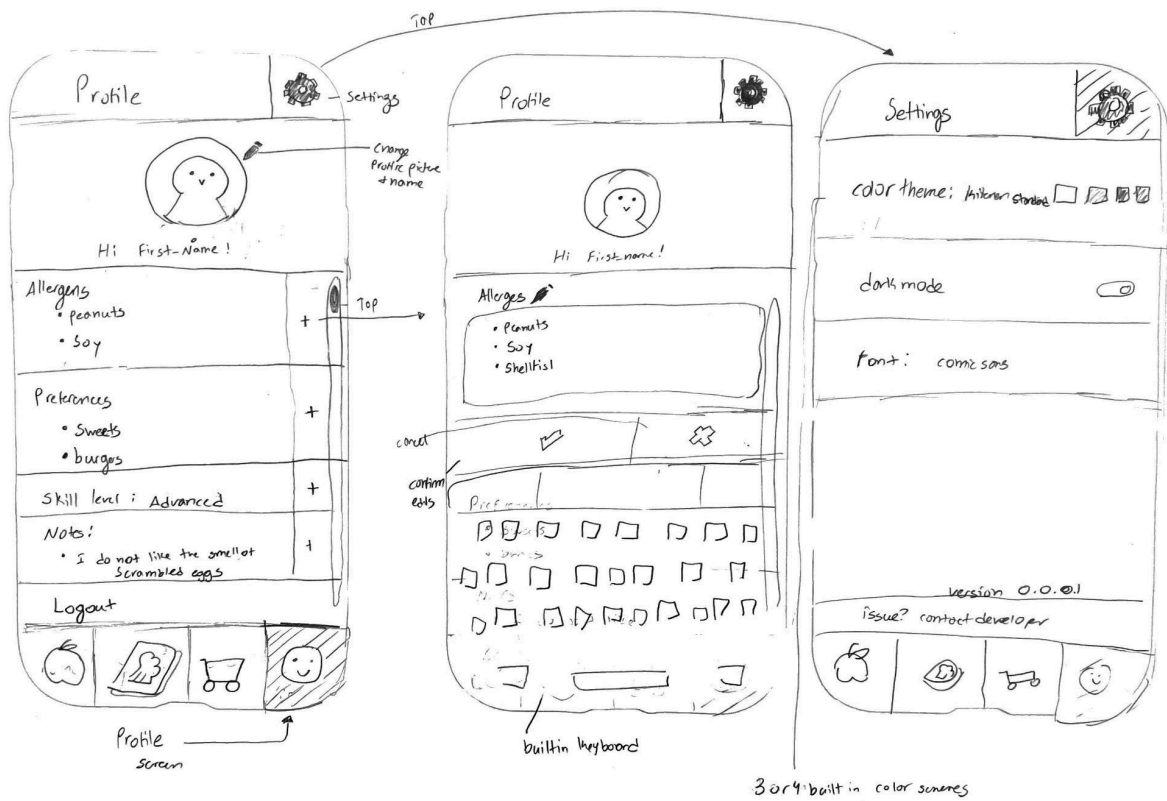
I showed the low-fidelity screens of the profile and settings page to a 19-year-old student with some graphic design experience who lived in an apartment. He suggested making the button to change the profile picture and name more explicit. Also to possibly move it and the welcome message to the right of the profile icon to leave less empty space. He also suggested having the method of accessing the setting screen be a list item above the logout button since he felt having it in the top right corner of the screen would be difficult to tap. Lastly, he suggested possibly having a “left hand” mode (which swapped the sides of the user input “+” buttons) as a possible setting, since all of the user inputs on the profile and setting screens were on the right side as they believed a person who primarily used their left hand on their phone would have a harder time editing their information.

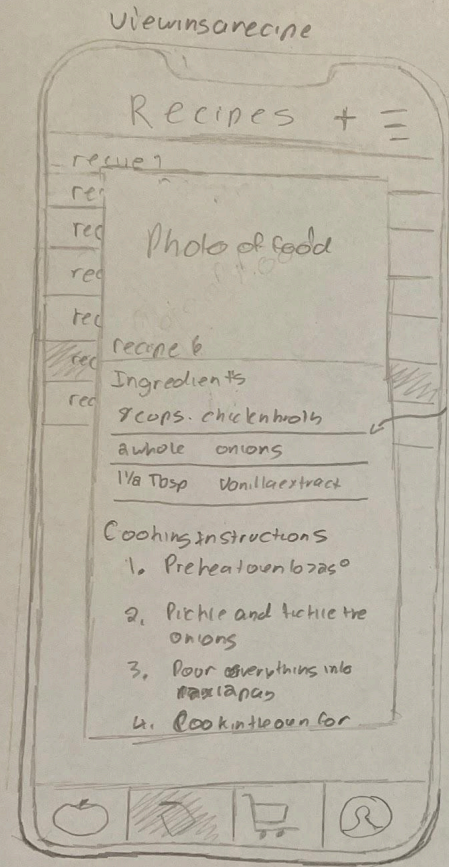
I showed my low-fidelity screens of the recipe tab to 2 21-year-old students. One has a criminal justice focus and the other has an art history focus. Over first look, they liked how things were set up and did not have anything to comment on looks wise. They ended up making suggestions on what I could add to make it more user friendly. The art history student suggested making a comments section for the recipe as her mom would always make changes or comments on a recipe and adding a filter to base it off of what foods you have. She also made a comment about being confused on the tab icons but said nothing about how it would be better addressed. The criminal justice student suggested putting a search bar in case the user was looking for a specific recipe and reminded me to put a section on the adding recipe page so that the user could mention what type of food it was to help with the filtering process.

I showed my low-fidelity screen as well as the photoshop mockup to a 19-year-old computer science student. He said that the shopping cart screen (the paper drawing) was fine and that the photoshop mockup looked modern. However, he mentioned that it was not immediately clear what the icons at the bottom of the screen were referring to, and suggested adding text labels to them.

Photos of Low-Fidelity Prototype(s)







viewing a recipe

Recipes + =

Photo of food

Recipe 6

Ingredients

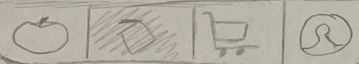
8 cups. chicken broth

a whole onion

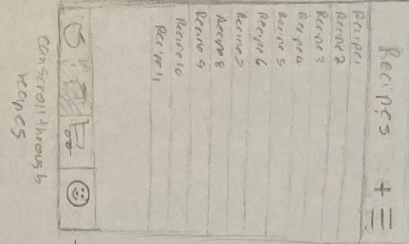
1 1/2 Tbsp. vanilla extract

Cooking Instructions

1. Preheat oven to 350°
2. Pickle and tie the onions
3. Pour everything into the pan
4. Cook in the oven for

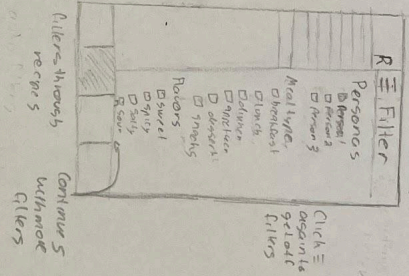
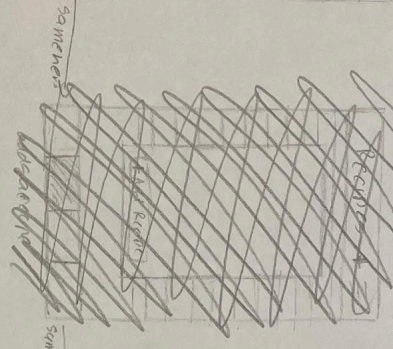


will not go all the way to edge



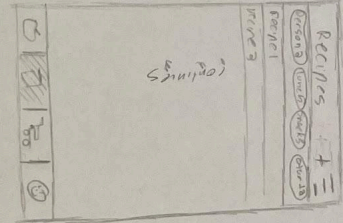
Home Page for Recipes

when you click the plus



When you click home here

Click on the grid of filters

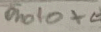


Inactive Filters


button for recipe on bottom is highlighted to show which recipe is the picture of food recipe name goes in the middle of top of screen of viewing the recipe

Click on plus to add recipes

Recipes + ≡

Name 





Ingredients

2x  Baking powder

Instructions

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)

+ Add Recipe

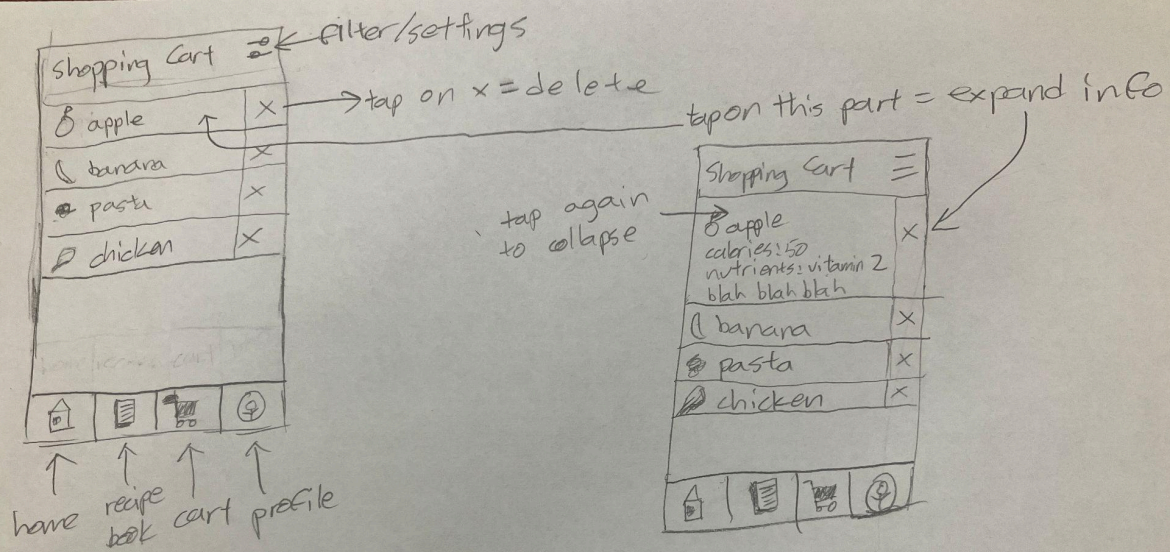
to add
photo
of recipe

dropdown of *empty space*,

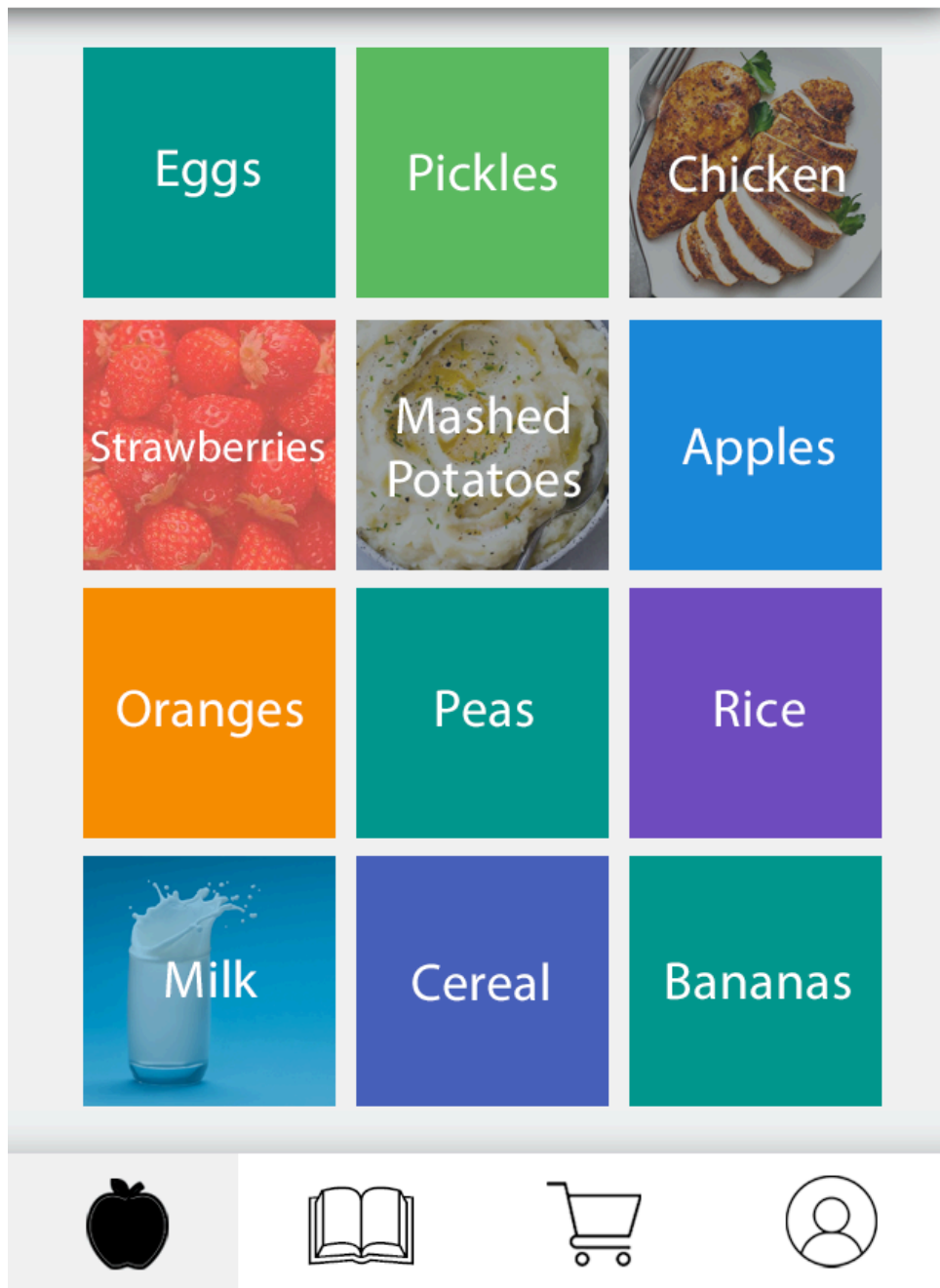
will be
grayed
out to allow
typing

oz, lbs, cups,
pints, quarts,
tbs, Tbsp,
etc

as ingredients grow,
instructions pushed
further down



Your Kitchen



List of Primary and Secondary Features that You Imagine the Final Product Would Have

- Users will be able to remove existing kitchen food items and add new ones.
- Information can be added to each food item such as expiration date, possible allergens, calories, serving size, and food owner.

- Food items can have like and dislike buttons that will be attributed to the user who clicked the button.
- Can filter food items based on food owner
 - Can also filter on shared food items.
- Users will receive a pop-up when trying to add an existing item to the shopping list.
- Feature to remove existing food items from the application if the user specifies they are making a certain recipe
- Feature to add ingredients to the next shopping list that do not currently exist on the application if the user specifies they plan to make a certain recipe.
- After making a recipe the dish can be added to the list of existing food items.
- User personas include parents, children, and college-aged students.
- Each user will be able to have a customizable icon associated with their profile.
- Each user will have a skill level assigned to their profile. This includes novice, intermediate, advanced, and expert.

Who Did What: Phase 1

- Isabella
 - In phase 1.1.1 I described the audience and overall goals of our project as well as how our application would fulfill our user's needs. I also go into more depth about our primary and secondary goals.
 - For phase 1.1.2 I wrote task scenario 1 and user persona 1 and 2.
 - For phase 1.1.3 I created the prioritized system requirements list and the primary and secondary features list. I also created the first paper prototype version of all the screens for the application and a second version of the home screen after some discussion. I then got user feedback for the home screen and documented it.
 - For phase 1.2 I created a git repository containing our app with 6 empty tabs. I then completed Tab 1 and 2.
- Karthik:
 - In phase 1.1.1, I came up with ideas for potential features and goals and I proofread our proposal to make sure we covered all of our goals and reasons for development
 - In phase 1.1.2, I wrote task scenarios 2 and 3
 - For phase 1.1.3, I designed and got feedback on the paper prototypes of the profile and settings screens and came up with what initial information and features should look like on each screen
 - In phase 1.2, I made tab 5, and I also tested the other tabs to check for bugs

- Andrew:
 - In phase 1.1.1, I described how the UI might be designed in order to improve usability and visibility on a small touchscreen interface.
 - In phase 1.1.2, I came up with a potential situation (task scenario) in which the app would be useful.
 - In phase 1.1.3 I drew a prototype for what the shopping cart page on the app would look like, as well as how an item listing would expand when you tap on it. Additionally, I made a Photoshop mockup of the “home” (my kitchen) screen.
 - In phase 1.2 I made tabs 3 and 4.
- Shawdi:
 - In phase 1.1.1, I described why an app like this would be important for our users, talking about the amount of waste and mold created from not eating things or forgetting about them
 - In phase 1.1.2 I wrote user persona 3
 - In phase 1.1.3 I drew the prototype of the recipe tab with features including filtering recipes based on different categories, adding a recipe to the list, and viewing the recipe.
 - In phase 1.2 I completed tab 6 and merged with the git repository