Project Pitch

iCook

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Problem Statement

- **Who**
  - People who do not have much experience cooking
- **What**
  - Reading recipes is difficult for beginners
    - Don't know which ingredients is which
    - Don't know which equipment is which
    - May lose their place in long recipes
    - Don't know where to save their recipes
    - Forget ingredients measurements
- **Where**
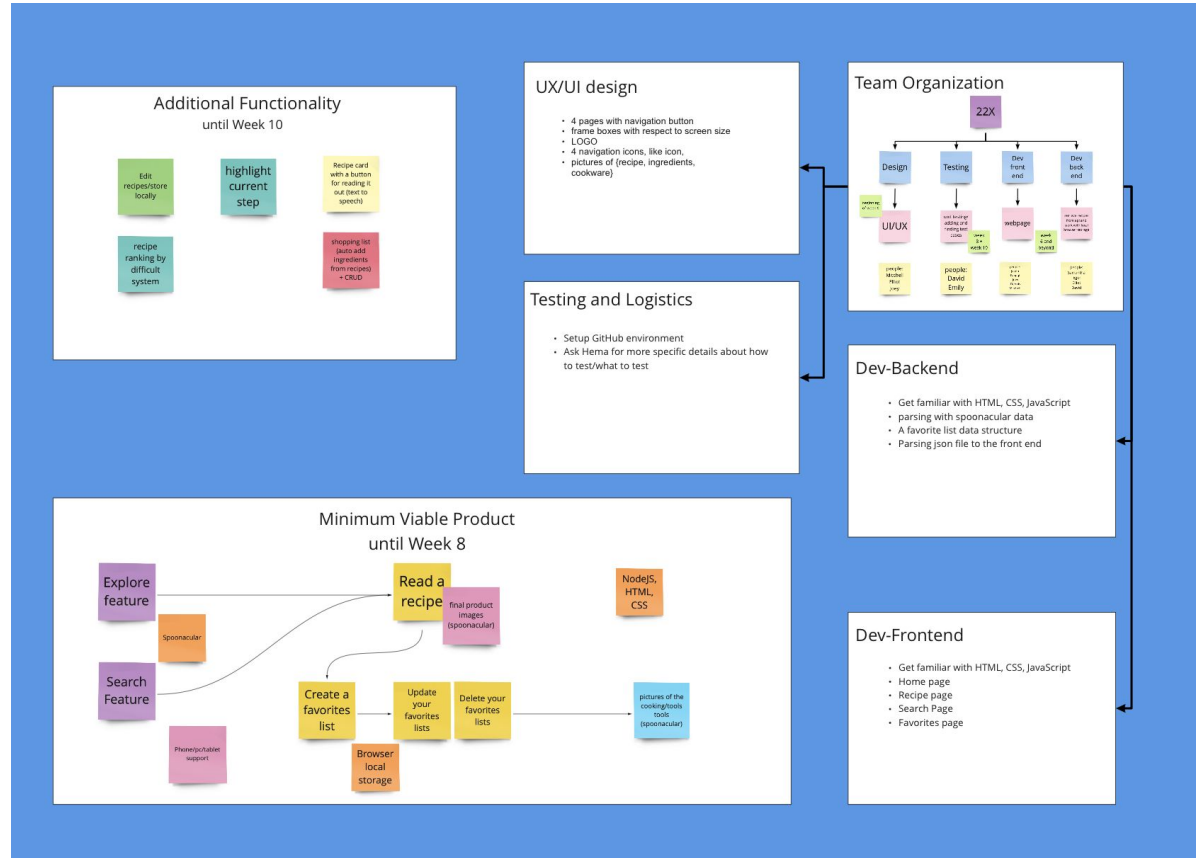 - In the kitchen
  - In the grocery store
- **Why**
  - Programmers of recipe applications do not think from the beginner's POV

Appetite

- Minimum Viable Product
  - Week 6 to Week 8
- Extension Features
  - Week 8 to Week 10
- Constraints on Solution
  - Limits the amount of features we can implement
    - Ex: Cut out ratings, timers, specific filters, dark mode, etc

Project Roadmap

Solution

- ## How?
  - Design an app that makes recipes easier for beginners to use
    - Don't know which ingredients is which
      - *Feature: Display pictures of each ingredient by name*
    - Don't know which equipment is which
      - *Feature: Display pictures of each tool by name*
    - May lose their place in long recipes
      - *Feature: Highlight current step of recipe*
    - Don't know where to save their recipes
      - *Feature: Allow users to save recipes to favorites lists*
    - Forget ingredients measurements
      - *Feature: Easy access button to return to ingredients/tools*
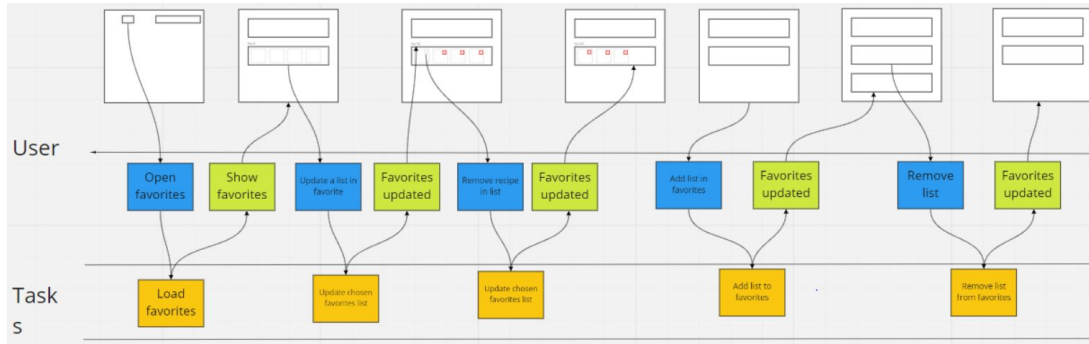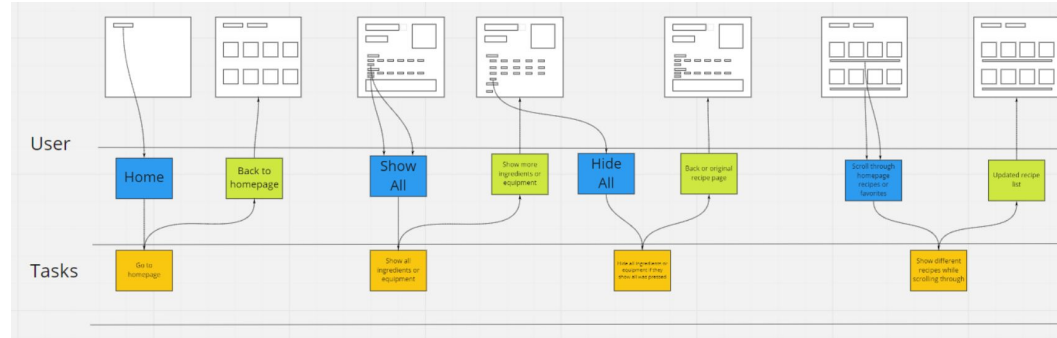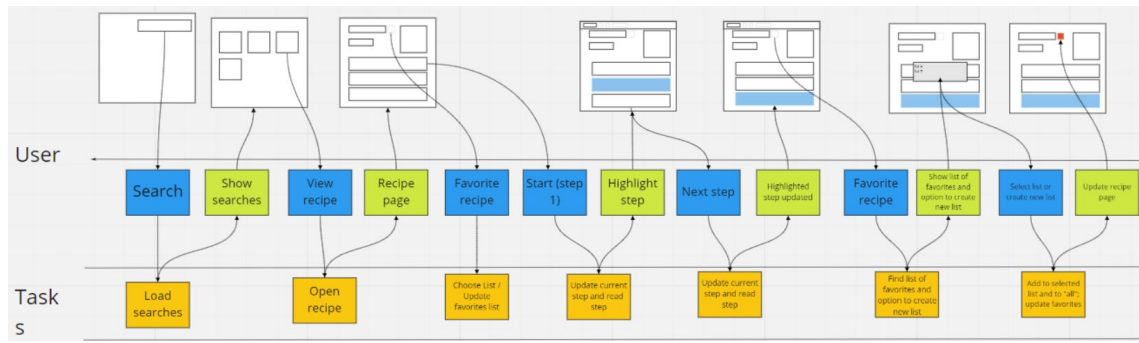
Selling point in blue

Recipe Acquisition and Storage

- We are going to acquire our recipes from Spoonacular
    - Extension: Users can edit the spoonacular recipes
- We are planning to store favorites list made by user in browser's local storage

Systems/UML Diagram
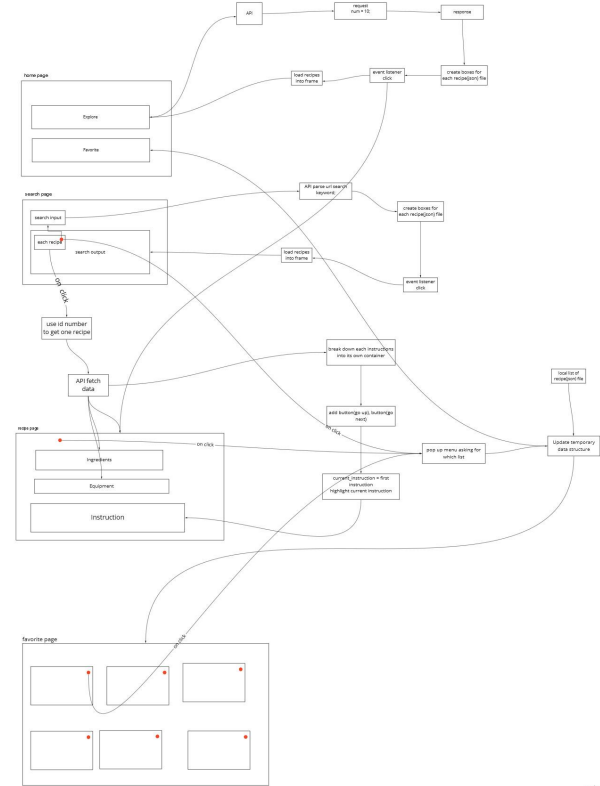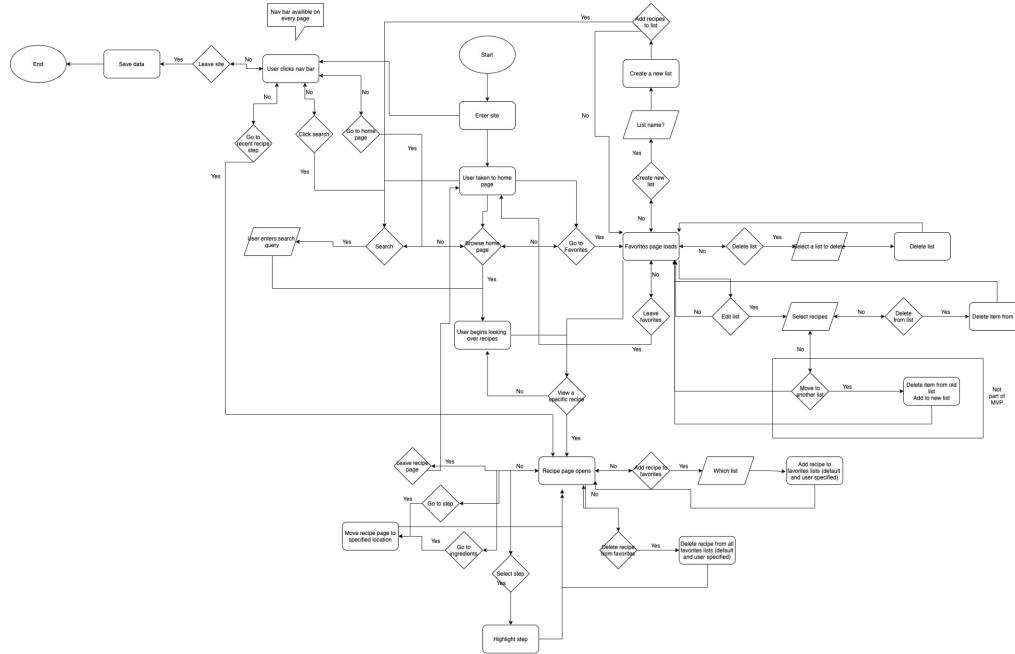
Event Model Diagram

Wireframes

Recipe Page

Chicken Tikka Masala ♡

Easy, quick, and delicious!
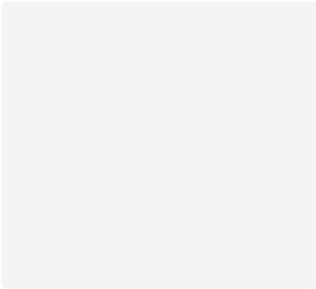
Prep Time	10 mins
Cook Time	15 mins
Total Time	20 mins

Description

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Ingredients   Go to Instructions

| | Pineapple, sliced | **1 cup** | | Pineapple, sliced | **1 cup** | | Pineapple, sliced | **1 cup** |
| | Pineapple, sliced | **1 cup** | | Pineapple, sliced | **1 cup** | | Pineapple, sliced | **1 cup** |

∨ Show all

Equipment

| | Baking Mixer | | Baking Mixer | | Baking Mixer | | Baking Mixer |
| | Baking Mixer | | Baking Mixer | | Baking Mixer | | Baking Mixer |

∨ Show all

Instructions   Go to Ingredients   Go to Step

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Chicken Tikka Masala ♡

Easy, quick, and delicious!

Prep Time	10 mins
Cook Time	15 mins
Total Time	20 mins

Description

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Ingredients

| | Pineapple, sliced | 1 cup |
| | Pineapple, sliced | 1 cup |

Wireframes (continued)

Homepage and Favorites Page

Logo 🏠 ♡ 🔍

Popular Recipes

| Lorem ipsum dolor sit amet 500 Calories | Lorem ipsum dolor sit amet 500 Calories | Lorem ipsum dolor sit amet 500 Calories | Lorem ipsum dolor sit amet 500 Calories | Lorem ipsum dolor sit amet 500 Calories |

Favorites

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Logo 🏠 ♡ 🔍

My Favorite Cookie Recipes

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My Favorite Post-Gym Meals

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Wireframes (continued)

Search Results Page
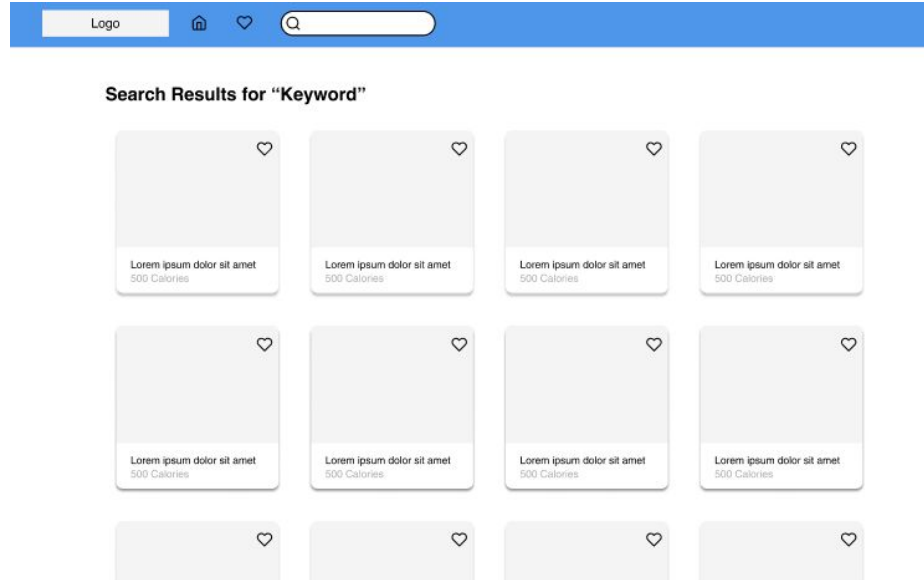
Rabbit Holes

- ## Search Feature
  - We want to go through spoonicular's search functionality
  - Search by keyword → No extended functionality for MVP
- ## Filtering Recipes
  - Do not want to necessarily block users from seeing certain recipes (if they are perceived to be difficult)
  - Not a clear definition of "difficult" so we will take difficult to be time and number of ingredients
    - Need to discuss as a team further and experiment with different algorithms

No-gos

- ## User log-in
  - Would not necessarily be useful to this audience
  - All data is stored in browser local storage, do not need to storage user info
- ## Reviews/Rating
  - Since we are just having the app run locally, we would not be able to share rating across different devices or users
- ## Meal Prep Calendar
  - Did not seem necessarily important for our target audience
- ## Timer
  - Could not come up with an easily ingratible solution, in the end it would users would probably be using phone timer, Alexa timer, etc