

Meal Prep

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Team Meal Prep:

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Meal Prep

Problems and Opportunities

- Combining multiple recipes into a single grocery list
- Create easy meal plans
- Never lose a recipe
- Usable by anyone that cooks or want to learn to cook

Project Scope

- Use existing apis to search for recipes
- Generate grocery lists from recipes
- Allow users to create accounts
- Allow users to save recipes and generate meal calendars

Sprint 1

- Spikes:
 - Find and learn to work with recipe API
 - Learn React/ Node.js/ Docker
- Infrastructure tasks:
 - Initial database setup
 - Create basic workflow of the frontend
 - Design mockups of the webpage

Sprint 2

- User stories:
 - As a user, I want to get recipes based on my tastes
 - As a user, I want to be able to log in
- Spikes:
 - Learn how to create user login functionality
 - Figure out how to integrate API into website to pull recipes
- Infrastructure tasks:
 - Create basic website
 - Communicate with recipe API
 - Enable user login

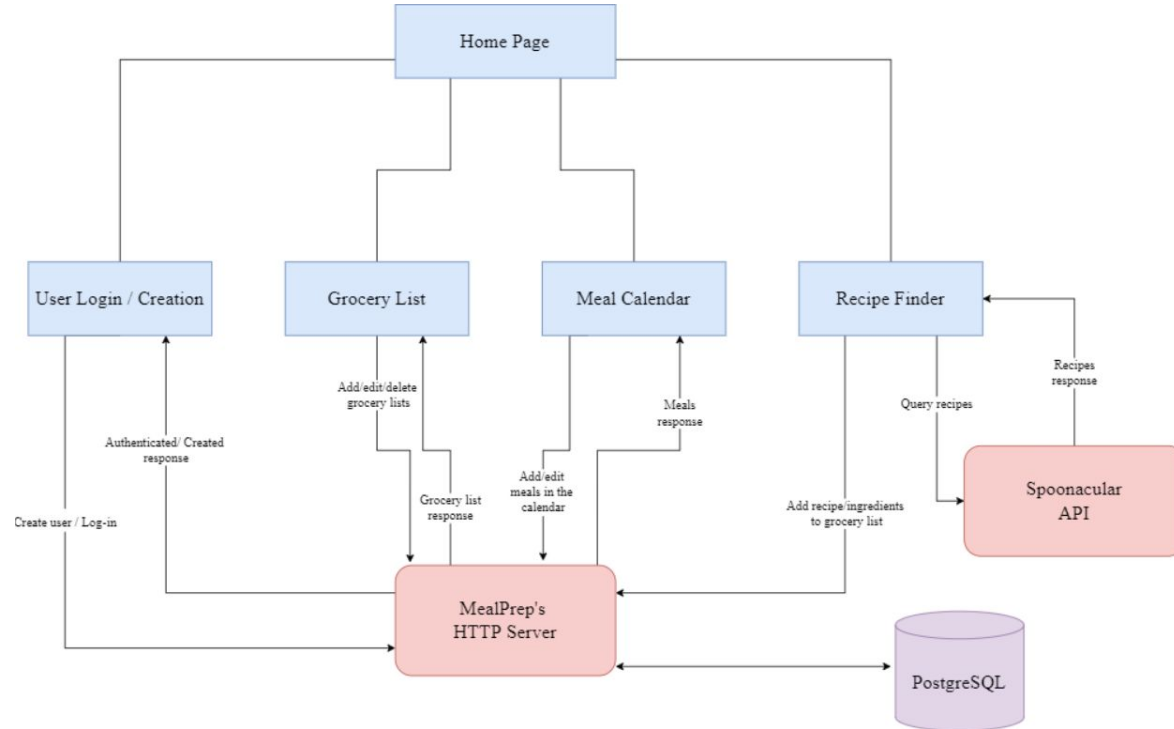
Sprint 3

- User stories:
 - As a user, I want to be able to save favorite recipes
 - As a user, I want to be able to add the recipe/ingredients to my grocery list
- Spikes:
 - Figure out how it all comes together
- Infrastructure tasks:
 - Use recipe data to create grocery list

Sprint 4

- User stories:
 - As a user, I want to be able to plan out my meals on a calendar
- Spikes:
 - Get web app working remotely through a hosting service
 - Polish UI & User-end features
 - Make sure app is free of bugs
 - Publish release version
- Infrastructure tasks:
 - Create a calendar component

Architecture



Technologies

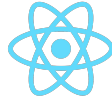
Discord



Javascript



React Native



Github



NodeJS



PostgreSQL



Challenges/Risks

- 3rd-party API for recipes
 - Limited use without paying for a subscription
- Existing apps with similar functionality
 - Need to implement ‘standout’ features that help to set our meal prep app apart/make it unique
- Inexperienced with web app development

Minimum Viable Product (MVP)

- A webapp that can search for recipes and generate a grocery list.