

Recipe Recommender

Overview

- Website where you enter the ingredients you have in your fridge and it helps you find recipes, plan meals, buy groceries, get and keep up with a diet
 - Entering the ingredients in your fridge
 - Manual input
 - Scan barcode of products that have them and the website looks up the UPC code to add it into your list (*optional*)
 - Image recognition of the products in your fridge (*optional*)
 - Diet
 - Filter for diets, allergies, and flavor
 - Track calories, nutrients, vitamins
 - Get recipes that hit your caloric and macronutrient requirements
 - Recipes can come from:
 - Internal database of recipes
 - External recipes APIs
 - Web crawling
 - Reminders
 - To cook your food for meal prep
 - To throw out expired stuff
 - Suggest meals
 - Search/web crawl local grocery stores for lowest price
 - Suggest healthier alternatives
 - Suggest more recipes according to your diet/allergies
 - Gives you a list of ingredients you're missing in order to make stuff in your meal plan
 - Social features
 - Forum/comment section where people can add tips or photos and discuss the recipe
 - Create/modify recipes and share them
 - Share ingredients list with other people
 - Friend activity

Technologies

- Nginx to serve frontend
- React frontend
- Express backend
- mySQL database
- Docker deployment