Team 18 Project Charter
Fridge2Food

Team Members

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Problem Statement

Every day, families across America are faced with the question: "What is for dinner?". Many people have a wide variety of seemingly random ingredients in their refrigerators, but nothing concrete. Our project hopes to remedy this problem by allowing users to input a list of ingredients they have on hand, and provide a list of recipes which the users can use to (hopefully) produce something edible. While there are existing solutions to this problem, many of them don't allow a lot of personalization to input allergies and other limitations that you don't want showing up in your recipe list.

Project Objectives

- Create a website for people wanting to make something from leftover food.
- Generate recipe suggestions based off of a list of ingredients.
- Develop a system which allows users to add recipes and ingredients.
- Create a page that lists substitutions for ingredients.
- Allow users to comment and rate recipes
- Allow users to input allergies and other limitations

Stakeholders

- Users: People who cook and a typical household.
- Developers: Vivian Guo, Matt Retoff, Aditya Sankaran, Zach Bridwell, Thomas Schroeder, Anthony Kiselev
- Project Manager: Mohammad Haseeb
- Project Owners: See developers

Deliverables

- A React JS front end web application that allows the users to input recipes and ingredients along with displaying recipes that fulfill input ingredients.
- A Flask and Firebase backend that will handle user requests and user data along with account creation and logging in.
- A MySQL database for storing recipes and ingredients.