

PantryWiz

Problem Statement

The process of finding a delicious recipe only to find out that you don't have over half the ingredients to make it can prove frustrating. With our webapp, individuals will be able to search for recipes based on ingredients they already have, allowing them to try new foods without have to take a costly trip to the grocery store. Users will be able to choose from a set of pre-existing ingredients and will receive recipes from the web at varying levels of compatibility with the ingredients they've chosen. Our webapp will also allow for users to create an account and save recipes, a feature that is not offered by similar websites.

Project Objectives

- Provide user login and registration with email and password.
- Develop a web interface that allows users to indicate which ingredients they have from a comprehensive list of ingredients.
- Develop a search feature that returns recipes based on the ingredients that the user has.
- Store user information including preferences and saved recipes.
- Provide a minimalistic and aesthetically pleasing user interface.

Stakeholders

Users: A typical user for this webapp could range from individuals looking to make a simple dinner on a hectic weeknight to experienced chefs seeking to try something new.

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Deliverables

- A Web-based application to display recipes found via web-crawling.
- An intuitive interface allowing users to select what they have from a library of pre-existing ingredients.
- A modern UI design that is both minimalistic and user-friendly.
- A front-end developed using HTML and CSS