



Plan & Pantry

Callum, Patrick, Paul, Xiaoyang

Summary

- Recipe website
- Store and share recipes easily
 - Also search and find new favorites
- Search for recipes you can make with what you have
 - Grocery list utility with barcode scanning



Users/Stakeholders

- People who like to cook
- Meal planners who want to save money + use everything they have
- Parents/Grandparents who want to pass their recipes down (and kids/grandkids who want those recipes for themselves)



Competitors

- Out of Milk
 - Shopping list app with barcode scanning functionality
- Whisk
 - Recipe app with meal planning and simple grocery list
 - Also organizes recipes by ethnic/regional cuisine



Whisk

Technologies Being Used

- HTML
 - CSS/Bootstrap
 - Angular
- Frontend**

- ExpressJS
 - NodeJS
 - MongoDB
- Backend**



Bootstrap



mongo DB

ExpressJS



Functional Requirements

- List of ingredients in your pantry
- Search recipes you can make with ingredients you currently have
- Search all recipes regardless of what ingredients you have
- View popular public recipes (sort by most made, most viewed, recently added, ect.)
- Add your own recipes publicly/privately
- Ability to print out recipes



Non-Functional Requirements

- Scan barcodes to add ingredients
- Scale ingredient amounts to recipe servings
- List of ingredients needed for recipes
- Like recipes - They will be stored in a "Like list" users can view later

The background is a vibrant, abstract composition of various colored shapes. A large, central orange circle dominates the middle. Surrounding it are several other shapes: a large yellow circle in the top left, a large teal circle in the top right, a large orange pill-shaped blob on the right, and a large light blue circle in the bottom right. There are also smaller circles in shades of teal, yellow, and dark red scattered throughout. A large, dark red, pill-shaped blob is positioned at the top center, partially overlapping the orange circle. The overall style is modern and playful, with a focus on bold colors and organic shapes.

Questions?