

Project Proposal: RecipEat

Recitation 15, Group 5

Team 0101

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Vision Statement

“RecipEat inspires people to become home chefs and appreciate the best of food”

Description

The general purpose of the website is to be a hub for all things cooking related. Users will have the ability to add a “pantry” that has all the ingredients available in their kitchen and the website will recommend recipes to them. Core functionality is to have a persistent pantry that users can add or remove items from as they continue to cook and go to the grocery. Ideally this will be done automatically by also having the user input an amount for each ingredient and marking a recipe as complete will be able to subtract the amount used from their persistent pantry. There can be some checks to this, say if a user doesn’t use an ingredient or uses a different amount then the recipe specifies, either the website will prompt the user to input any modifications they made or this can just be done when an ingredient is being removed from the pantry and the user can confirm or deny whether they are out of the ingredient.

If enough time is available at the end of adding core features, some ideas for additional features include filtering recipes by diet, calorie amount, nutritional requirements, etc. Scanning of receipts for automatic adding of ingredients to pantry, either through computer vision, or the bar code if that relays the needed information. Normal users can rate other recipes or even order ingredients through the site, while verified chefs could also be allowed to add their own recipes.

Development Methodologies

We plan to use an Agile method of development including sprints, our Jira is linked below with our initial expectations for the development process. We won’t be doing the daily stand-up process and instead will be coming together to discuss weekly the progress that has been made.

[Project Jira Board](#)

Version Control

[Project Github Repository](#)

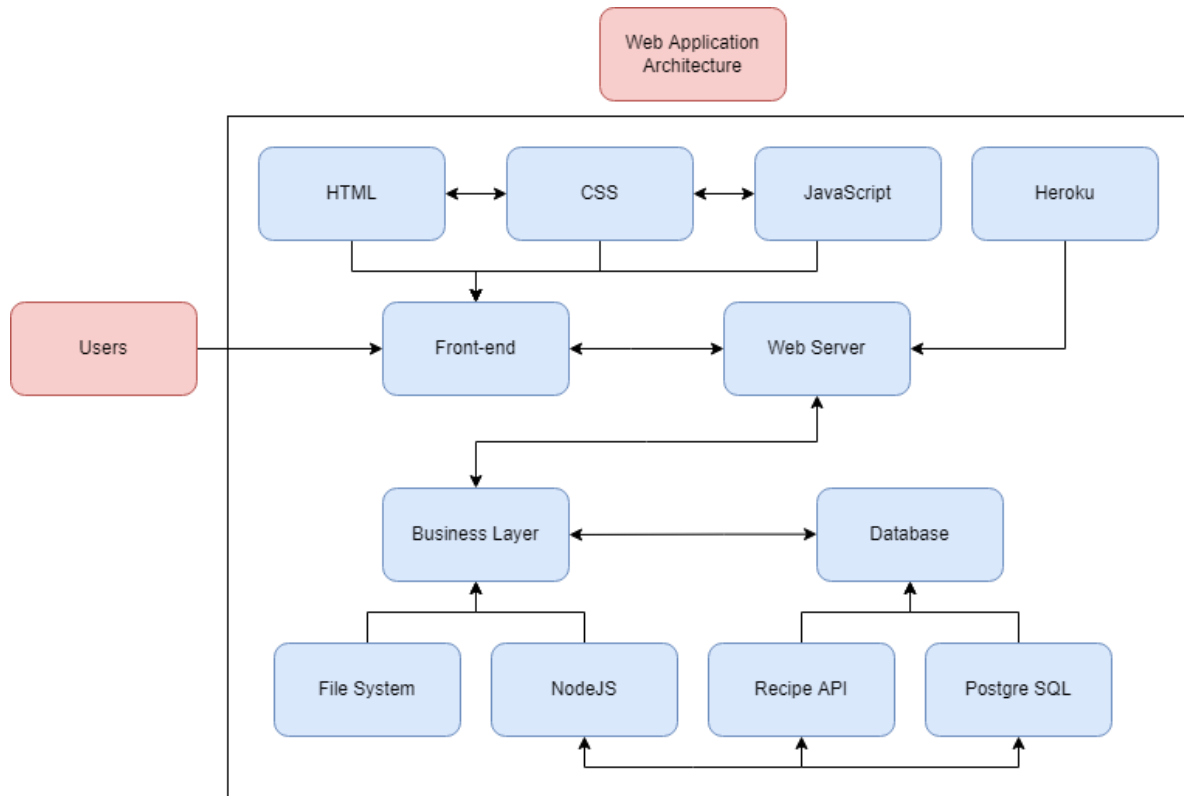
Communication Plan

For the majority of this project, the plan is to communicate through discord. We will organize whatever meetings are needed through there and will be able to quickly discuss and ask each other questions. Being a small group the functionality of discord is more than enough for us to manage our time and project development. Discord also allows for direct communication should the need arise for less than the full team to be involved in a certain subset of the project development.

Meeting Plan

- Meeting time: Thursdays at 3:30 and Tuesdays around the same time as well if needed. Meetings will be in-person or on discord depending on the needs of everyone in the team during that week.
- TA Meeting: Thursday 6:45, in-person after recitation

Architecture Plan



Use Case Diagram

