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Enterprise Java Programming

Indie Project: Pantry Pal

User Stories:

* As a user, I want to register for an account so that I can personalize my experience and save my preferences. (MVP)
* As a user, I want to log in to my account so that I can access my personalized dashboard.
* As a user, I want to select the ingredients I have so that I can find recipes using those ingredients. (MVP)
* As a user, I want to filter recipes by dietary restrictions (e.g., vegan, gluten-free) to find recipes that meet my dietary needs.
* As a user, I want to view detailed instructions and ingredients for a recipe so that I can follow along and prepare the meal. (MVP)
* As a user, I want to save my favorite recipes so that I can easily find them later. (MVP)
* As a user, I want to generate a shopping list from a recipe so that I know what ingredients I need to buy.

Project Plan:

* Research existing cooking and recipe apps to have a sense of what each app has in common.
* Compile a list of ingredients and recipes.
* Prioritize must have and should have features.
* Create a detailed project timeline with milestones.
* Outline the application architecture, including backend and front end.
* Design wireframes and mockups for the user interface.
* Design and create a database that will hold a wide array of information including user information, ingredients, recipes that correspond to ingredients selected.
* Initialize and create a project repository.
* Develop the backend and implement the database models.
* Develop and implement the user interface based on the wireframes and mockups.
* Write unit tests using the framework jUnit.
* Deploy the application using AWS.

Mockups and Designs:

Stored in “Designs” folder