Group Project Proposal

Proposed Group Members:

- Mohamed Ahmed

- Grant Boddy

Project Title: Recipe and Meal Planning App

Project Summary:

We propose to create a Recipe and Meal Planning App that allows users to browse recipes, plan their meals, and generate grocery lists. The app will include features such as dietary filters, the ability to save favorite recipes, and meal-planning tools for the week.

GitHub Repository Link:

https://github.com/GrantBoddy/4360_Project_1

Wireframe Proposal:

- Layouts:
1. Home Screen (Shows recipe categories)
2. Recipe Detail Screen (Displays selected recipe)
3. Meal Planner Screen (Plan meals for the week)
4. Grocery List Screen (Shows the generated grocery list)
- Functionality:

- Users can navigate from the Home Screen to individual Recipe Detail Screens.

- Meal Planner allows users to assign recipes to specific days.

- Grocery List will generate based on selected recipes for meal planning.

- User Experience:

- Users can filter recipes by dietary preferences.

- Easily add recipes to a meal plan and generate grocery lists.

- Iterative Design:

- Test cases will involve verifying recipe filters, meal plan updates, and grocery list generation.

- Refinements will focus on improving usability, layout design, and data handling.

Statement of Understanding:

We, the undersigned members of the group, acknowledge that we understand the conditions set forth in this proposal. We commit to actively participating in the implementation of the group project from start to finish. We understand that we will be graded individually on group assignments and may not receive the same grade as all members.