

# Project 4 - Cook Book

## Group Size: 1-2 // Max Points: 100

Create an app to manage recipes and generate a shopping list. Submit code, grade sheet, and a video presentation walking through the full functionality of your app. You get a lot of freedom on how to set things up here so as always, have fun and experiment. If you feel like “flavoring” this as something other than a cookbook, that’s fine too!

### Part 1 (10pts)

- Allows the user to navigate between three menus for viewing existing recipes, adding recipes, and their shopping list. These pages can be blank or close to blank.
- This can be handled via the drawer, or a persistent menu.
- The menus should be empty for now.

### Part 2 - Add Recipe Menu

- Allow the user to create a recipe on one of the pages. The user should be able to...
  - Set the name of the recipe. (5pts)
  - Set the cooking instructions. (5pts)
  - Add ingredients (an ingredient can be a string)
    - Ingredients should appear in a list on the page. (5pts)
    - You should be able to delete each ingredient. (5pts)
  - Include a button to save the recipe to the cookbook (10pts)

### Part 3 - View Recipe Menu

- Allow the user to see all recipes they’ve created. You can use a grid, list, whatever feels best to display them. (10pts)
- Clicking on a recipe should allow the user to view the ingredients and instructions. You may display these on a separate card, or by full-screening the instructions using the navigator. (10pts)
- Each Recipe should come with a delete button that removes it from the list (5pts)

### Part 4 - Shopping Cart

- Include a shopping cart menu that lists all available recipes (5pts)
- Allow the user to add and subtract copies of the recipe to their cart display how many copies of each recipe are in the cart at any time (10pts)
- Generate a shopping list of ingredients depending on the recipes selected. You may assume that there are no duplicate ingredients between recipes (10pts)

### Part 5 - Cleanup

- Add a way to toggle between dark mode and light mode. (10pts)