

GROCERY & MEAL PLANNING APP

For Shoppers and Chefs

Richard Lyman – Full Stack Flex Program

1. Give a brief overview of what your app is:

- My app is a meal planning-grocery-list app. It will be an app where you can add recipes to a list and then use those recipes to create a 1-2 week meal plan. The ingredients in each meal on the plan can then be imported into an editable grocery list that is organized by category (produce, meat, dairy etc.).
- Custom items can be added to the grocery list. These items will not be erased when a new meal plan is imported into the grocery list, but they can be deleted and edited by the user.

2. Describe the business problem your app solves:

- This app solves the business problem of the how long it takes to choose meals and create a grocery list.
- It also solves the problem of buying ingredients for meals and then forgetting what they are for or forgetting to use them.

3. What APIs, IF ANY, do you plan to use? Please list the API and what feature it ties to:

This application will not be using any third-party APIs.

4. What is your project's TECHNICAL wow factor? You need your project to stand out in some way. If you imagine presenting your project in an interview, what is the feature of your project you will be the most excited to talk about? That is your wow factor.

- The multiple tables with foreign key relationships that grab and present data in useful ways will demonstrate technical skills.

TECHNOLOGIES

- Front End
 - HTML, CSS, JavaScript
 - React.js, JSX, Axios, React-Router
- Back End
 - Python, Relational Database
 - Django REST, MySQL

USER STORIES

Unweighted: /52.5 points

Weighted: /200 points

Capstone Total:

Weighted points + /50 points (presentation) + /25 points (UI Prototype & API ERD)

Planner Stories ----

(/2.5 points) As a meal planner I want to be able to see a meal schedule that displays a list of the meals I have created and planned.

(/5 points) As a meal planner, I want to be able to add, edit, or remove meals from the meal schedule or clear the whole meal schedule so I can create a new one.

(/2.5 points) As a meal planner I want to be able to create a meal plan that displays the meal's name, the ingredients, any notes about the meal, and a link to the recipe if desired.

(/2.5 points) As a meal planner I want to be able to edit any part of the meal plan or delete the whole meal plan.

(/5 points) As a meal planner I want to be able to add meals to my meal schedule from a list of meals I have already created.

Chef Stories ----

(/5 points) As a home chef, I want to be able to mark and clearly see that a meal on my schedule has been cooked.

(/2.5 points) As a home chef, I want to be able to click on a meal plan from the meal schedule and see the ingredients, recipe link and other information about that meal.

Shopper Stories ----

- (/2.5 points) As a grocery shopper I want all the ingredients from my meal schedule to show in the grocery list page.
- (/7.5 points) As a grocery shopper I want my grocery list in alphabetical order with a note next to any ingredients that appeared on the list more than once saying how many times this item appeared on the list.
- (/5 points) As a grocery shopper I want a view option in the grocery list to see what meal each ingredient belongs to.

Universal Stories ----

- (/2.5 points) As a meal planner, home chef, and grocery shopper I want to easily be able to navigate from the meal schedule to the meal page, to the create meal page and to the grocery list.
- (/10 points) As a developer I want to have an aesthetically pleasing and intuitive user interface in order to provide a positive user experience with all features of the application styled appropriately (via CSS, Bootstrap, MUI, Tailwind, etc.)

BONUS STORIES (POSSIBLE FUTURE FEATURES)

- (/7.5 points) As a grocery shopper I want to be able to easily copy and paste my grocery list into a list app or other word document.