Sustainable Groceries Product Backlog

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# Introduction

The intended use of this app is for users to be able to shop for and use their groceries and to aid in reducing waste more aptly. Users need to be able to enter all their groceries into the app, then the app will process this list and spit out a list of potential recipes that can be made with the ingredients on hand. The app will also recognize if there are groceries that are often not used and will suggest that the user no longer buy them. It will help the user to throw away less and to save more money by doing so. The app will have a feature where it estimates the amount of money being saved. The app will help the user to formulate a grocery list that includes only the things that they are consistently using, and filtering out what they are not. A large library of recipes will be available in the app, so that the app doesn’t constantly recommend the same foods over and over again. The user will have the option to add their favorite recipes to the library by entering the ingredients required. The app will also have a way to select categories for food suggested, so that the user does have some say in what their eating.

# User Stories

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| **User Story #** | **User Story** |
| 1 | The user wants to find out what they can make with the ingredients they currently have in their fridge. Instead of googling “what can I make with sausage, peppers, shredded cheese, and bread” they enter this list of ingredients into the app. After briefly processing the given list, the app returns a suggestion for a meal. Sausage and pepper hoagie is returned by the app, with a detailed list of instructions on how to make the make the recipe. |
| 2 | The user feels like they’re throwing out a lot of produce at the end of the week. They’ve tried remembering what not to buy the next time they shop, but this just doesn’t work for them. They decide to use the apps waste logging feature, and enter all of the things they throw out into the app. Now when they go shopping on Saturday morning, they can check the app, which will highlight the items that are constantly thrown out between multiple weeks. |
| 3 | The user has been shopping well for themselves recently, but feels that the recipes they’re finding online are far too difficult and time consuming for their busy lifestyle. The user decides to use our app to find new recipes. They set the “cooking skill” selector to beginner, and enter the ingredients they have in their household. The app gives them a long list of easy and quick recipes that can be made with the things they have on hand. |
| 4 | The user has been on the app for a while, but it’s never recommended for them to make chicken cutlets. They then find their mother’s recipe for chicken cutlets that they grew up eating. After opening the app and selecting “enter my own recipe” the user is able to individually enter the ingredients and their amounts into the app. After that, they’re prompted to enter the instructions for the recipe into the app. The next time they have all of these ingredients in their house, the app will recommend this recipe for them to make. |
| 5 | The user has been on the app for a while now, but isn’t too sure if it’s working as intended. They are thinking about stopping their usage, but decide to check the “savings” feature where the amount of money saved is estimated based on the recommendations made by the app on foods to stop buying. After opening this page, they see that they’ve saved over $600. This convinces the user that the app is actually working and they decide to stay using it. |