GreenSaver

produce tracker with recipe log

Description

- GreenSaver is an application that tracks perishable goods in your kitchen and alerts you to when they are about to spoil.

  Functionality:
  Allow the user to add / edit / delete items from the shopping list and fridge items.

- Provide the recipe details based on the ingredients from the fridge.

- Display alert messages for items which are all about to expire in the fridge which are all running low.

Features

- Add New Recipe

- Add new Ingredient

- Create Grocery List

- Move Grocery Items into Fridge

- Alert Messages

Planning-User Stories

- Prepare the grocery list and add the same into shopping cart

- Add the grocery items into fridge with expiry date

- Based on the fridge items, user can view all recipes available

- users can search recipes based on the ingredients

- List all recipes info

- Provide alert message if the groceries about to expire / running low

Planning-Database

- Recipe

    - Recipe name, description and image details will be maintained on this table

- Ingredient

    - Ingredient name and details will be maintained on this table

- Recipe_Ingredient

    - Recipe ID and Ingredient ID will be maintained on this table

Technology Stack

- Language
  - Java
  - HTML/CSS
  - Javascript
  - Nashorn
- Framework
  - Spring Boot
  - Bootstrap
  - Thymeleaf
- Database
  - MySQL

Demo

https://github.com/LaunchCodeLiftoffProjects/zac-o-group-b

What I Learned

- Create Wireframes

- Create User Stories

- Focus on scope and MVP

- Manage my time in conjunction with my teammates

- Communicate clearly

- Use git branches appropriately

- Use APIs and open source code to build on

What's Next

- Refactor program into a Kotlin based android app and/or:

- Create a react based version for multiple devices

- Polish UI in order to be more user friendly and appealing

- Refactor current code into a clearer architecture to improve maintenance and extensibility

- Access StillTasty website through a backend client to have an automatic expiation input

- Add nutritional information through USDA API

- Add user settings page and features