Liftoff Recipe Tracker

Michael Squad : Dylan Mullins, Hawa Golamee, Lisa Bartfeld
@Liftoff-Spring-2021

Description

The Liftoff Recipe Tracker is an application to create and maintain your personal recipes. As a user of the Liftoff Recipe Tracker, you can add unique recipes, beverages, and categories to track your recipes. You can also view and copy recipes other users of the application have added.

Features

- Create, view and edit your recipes in one place.
- Find recipes by name, category, description, or suggested beverage.
- Tag your favorite recipes for quick reference.
- View and copy recipes by other users.
- Delete one or more of your recipes simultaneously.
- Copy a recipe to customize it and make it your own!
- User registration with required Log-in

Planning - User Stories

- Motivated by an appreciation for food and the need to have a simple way to find and store recipes.
- Users can create, view, and edit recipes, assign categories, and include suggestions for beverages.
- Recipes can be searched by category, name, description, or even beverage.
- Recipes can be tagged as favorites and copied to personalize.

Planning - Database

- Data is stored in tables for User, Recipe, Category, and Beverage.
- User has a One to Many relationship with Recipe, Beverage, and Category tables.
- A Many to Many relationship exist between Recipe and Category.
- Recipe and Beverage also share a Many to Many relationship.

Both Many to Many relationships utilize separate join tables.

Technology Stack

- Language - Java
- Framework - Spring Boot, Hibernate
- Template engine - Thymeleaf
- Database engine - MySQL
- Other libraries or components - Bootstrap, HTML, CSS

Demo

"Hey y'all, watch this!"

What I/We Learned

- Everyone has an opinion, compromise helps progress
- Checkboxes are challenging!
- Implementing relationships
- Bootstrap grid system and responsive design
- Search and navigation/header and footer
- Fragments are not always a good idea
- Documentation is complicated, just take it slow

What's Next

- Search by pantry items, user
- Generate a recipe shopping list
- Sorting and pagination of recipes
- Add a pantry feature
- Scale the number of servings
- Connect to a recipe API
- Add recipe sharing via social media
- Expand beverage to include more information
- Redesign as a RESTful service