Mealify

Tumaini Ussiri
@tussiri

Description

Mealify is a recipe sharing and curation application, where users can connect with other food enthusiasts, home cooks, and professionals. Through this engagement, they can foster a community where they can share, provide feedback, and explore a wide variety of recipes. We provide our users with a very simple, sleek interface, by leveraging modern technologies and frameworks that make the user experience a breeze.

Features

- Users can create, edit, and delete their accounts
- Comment, like and save recipes to their own profile
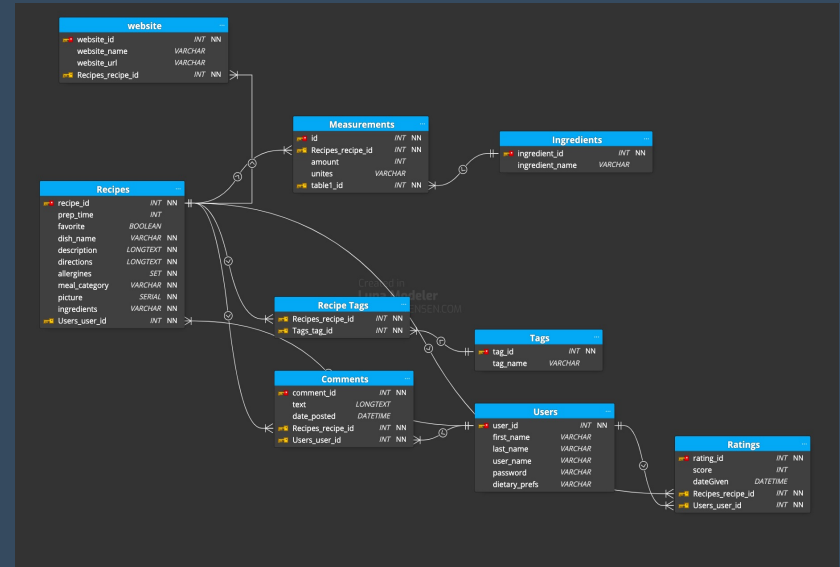- Users can favorite recipes for repeated cooking

Planning - User Stories

On Mealify, users can create a recipe and share it with other users. They also have the option to delete their account without removing their recipes. And users can also search for specific recipes, or filter recipes by ingredients, time, or rating. Among many other functions.

Planning - Database

- In order to achieve the functionality described above, we need to have a Recipe table, a Users table, a Review table, and an Ingredients table. The database design looks something like this:

Technology Stack

- Java
- ReactJS
- MySQL
- MaterialUi

Demo

What I Learned

- Spring Security, JWT
- I learned how to connect a Java, Spring Boot backend to a ReactJS frontend
- Pagination of recipes, and loading screens

What's Next

- Adding a meal plan functionality
  - This feature will allow us to differentiate this app from a traditional recipe app
- Adding a "Cookbook" section
  - This will be a space where all of the recipes a user likes, can be stored, and presented, sort of a like a living cookbook, that the user is in control of.
- Fixing the UI, adding error pages
- Transition from ReatJS to Redux for state management