Recipe-App

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Description

A recipe application which has a platform for searching for various recipes in its database using ingredients, cook time, prep time, dietary restrictions, and other categories that you enter. The user can also plan out their grocery list for different recipes and assign those recipes to a weekly meal schedule. The user can also then rate the recipes once the food has been tried or sort the recipes by category.

Features

- User Authentication
- Creating new ingredients
- Creating new recipes and categories for those recipes
- Rating different recipes once the food has been tried
- Subscriptions to other users to see their recipes
- Landing page to show what the website is about
- Navbar to navigate the site more easily

Planning - User Stories

- As an unregistered user, I want to create an account so I can start using the site's additional functionality
- As a registered user, I want to log out and log back in so that I can safely use the app from any device

Planning - Database and Models

Model classes / tables

- LoginFormDTO
- RegisterFormDTO
- AbstractRecipe
- Ingredient
- IngredientCategory
- IngredientToList
- Recipe
- RecipeCategory
- RecipeDetails
- AbstractEntity
- AuthenticationFilter
- RecipeAppApplication
- User
- WebApplicationConfig

Technology Stack

- Java
- Spring Boot
- Thymeleaf
- MySQL
- Gradle

Demo

What I Learned

- Learned more about using GIT
- How to collaborate with others on GIT
- More about authentication, how to connect the User classes to other classes
- Learned about the parseInt method and how to use it
- Learned how to unpack the logged in user
- How to subscribe to different accounts and their information

What's Next

- Subscribing to other users so that I can see their recipes
- Creating and implementing a template to see the recipes for subscribed users
- Implementing the templates related to subscriptions in the controller so I can have an easier time using the subscription feature within the controller
- Use the parseInt method to get the information for the current user that is logged in, that way I know who is wanting to subscribe to the selected users. I plan on learning this method by researching it and getting help from my TA if I need it
- Unpack the information for the current user and the recipes so that I can see the recipes associated with that user