Recipe Book

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Description

I have recipes stored in various places - physically and electronically - and wanted to create a format that would allow me to keep them all and quickly search through them based on various criteria. The recipe book meets that need.

Features

- I can register and login to view my recipes.
- I can add and remove recipes from the recipe book.
- I can search through the book based on name, ingredients, directions, etc.

Planning - User Stories

- Users can add and remove recipes
- Users can view and edit existing recipes
- Users can add a varying number of ingredients and directions for each recipe
- Users can enter each ingredient with an amount and select a unit of measurement

Planning - Database

Model classes/Tables

- User
- Recipe
- Ingredient
- Unit
- Directions
- Category

Technology Stack

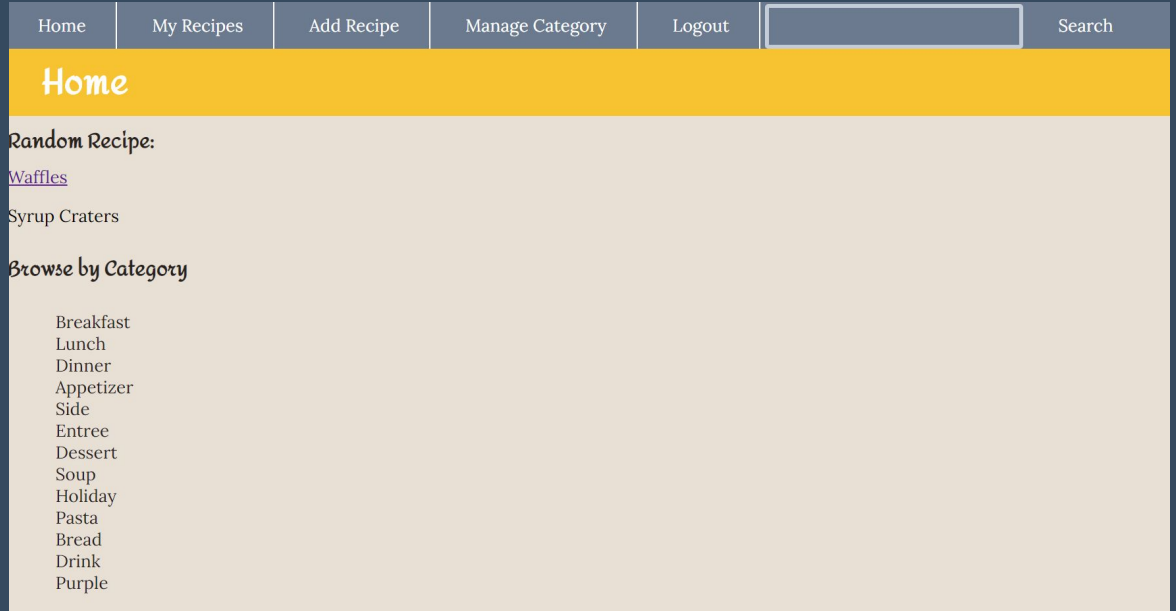- Java
- JavaScript
- Spring
- MySQL
- Hibernate

Demo - Login

- Login or register an account.

Home Page

- Search for recipes from any page.

- See a random recipe each time you reach the home page.

- Select a category to browse recipes by category.

Home	My Recipes	Add Recipe	Manage Category	Logout		Search

Home

Random Recipe:

Waffles

Syrup Craters

Browse by Category

Breakfast
Lunch
Dinner
Appetizer
Side
Entree
Dessert
Soup
Holiday
Pasta
Bread
Drink
Purple

Add Recipes

- Add a recipe.

- Add more fields to enter additional ingredients or directions.
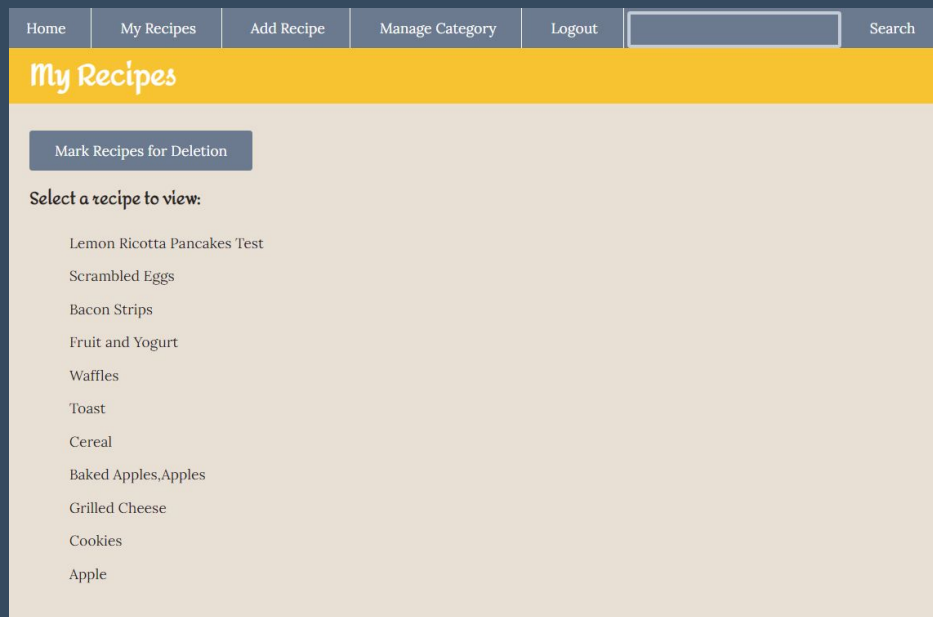
Manage Recipes

- Select a recipe to view or edit.

- Delete a recipe while viewing it, or choose Mark Recipes for Deletion to remove more than one at a time.

| Home | My Recipes | Add Recipe | Manage Category | Logout | | Search |

My Recipes

Mark Recipes for Deletion

Select a recipe to view:

Lemon Ricotta Pancakes Test

Scrambled Eggs

Bacon Strips

Fruit and Yogurt

Waffles

Toast

Cereal

Baked Apples,Apples

Grilled Cheese

Cookies

Apple

What I Learned

- Improved understanding of Spring and Thymeleaf
- Writing and calling custom queries using Spring/Hibernate
- How to create a form that processes lists of objects

What's Next

- Create two tabs on the home page, one to view recipes by category and one with all recipes in a list
- Add AJAX to update subsets of the recipe form on the Add page
- Add icons for search, submit, etc. instead of word buttons
- Add the ability to export ingredients to a shopping list
- Add email validation/password reset during account creation
- Add protection against SQL injection