

# Cocktail Library

Ariel Mitchell  
@ariel-mitchell

# Description

This library app is a one-stop shop for storing, sharing, and chronicling your amateur mixology journey. Not only will you be able to add recipes that you've seen (or even invented), you can even add homemade ingredients and custom tags to the database. Automatically organize and search for your recipes by ingredient, style, tag, or any other custom criteria.



# Features

- Create and save custom recipes to a database.
- Create custom ingredients and tags, and add those ingredients through a dynamic filtering dropdown menu system.
- List all recipes in database with the ability to filter lists by spirit and tag.
- Search all recipes using any keyword using a text box.



# Planning - User Stories

- Main motivation for project was group members' personal interests in an app to maintain a recipe library of their cocktails.
- This app allows for a more user friendly and seamless experience creating, saving, and searching through personal recipes than another technology such as Excel.



# Planning - Database

The Cocktail Library database includes an important table for custom ingredients made by the user to set an ingredient and its type.

Additionally, there are tag and recipe ingredient (which pulls from custom ingredient) tables that each intersect with a recipe table to bring it all together.



# Technology Stack

- Java and JavaScript
- SpringBoot
- Thymeleaf
- MySQL and Hibernate
- Bootstrap & CSS



# Demo



# What I Learned

- Working as a group within a programming environment.
- How to take on a leadership role within this same environment.
- Connecting JavaScript to a Java program and integrating Ajax with Thymeleaf.





# What's Next

- User authentication to make recipes personal to each user and keep other users from updating/changing recipes.
- Features to update/delete recipes. Recipes would benefit from adding an “instructions” portion.
- Bringing in an API to be able to search through recipes a user did NOT make, but would be able to flag or tag for later use.
- Creating more attractive UI.

