

# My Recipe Box

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# Description

My Recipe Box allows you to digitally archive your physical recipe collection. Most people can't find their Grandma's signature potato salad recipe by googling. Rather than focusing on saving recipes from digital sources, My Recipe Box focuses on a simple interface for uploading and saving recipes you can't find anywhere else.



# Features

- Upload a picture or scan of your recipe card
- Enter the ingredients, instructions and notes into a searchable database
- Categorize your recipes, save favorites, and browse community recipes



# Planning - User Stories

- I want to preserve my family's history by uploading pictures of family recipes
- I want my recipes to be searchable by ingredient
- I want to organize my recipes into categories



# Planning - Database

Database contains:

- User table - allows for unique profiles and for recipes to be attributed to their creator.
- Ingredient table - storing each ingredient as its own entry with a recipe ID attribute allows uniform display across recipes.
- Recipe table - acts as hub for recipe information & instructions, ties together ingredient and category tables.
- Category Table - allows for recipe organization



# Technology Stack

- Java, HTML & CSS
- Spring Boot
- Thymeleaf
- MySQL



# Demo



# What We Learned

- New techniques by creating a user dashboard to view all recipes that were created, liked or shared by a user.
- New features or problems that we had was creating pages to add recipes, delete recipes, storing pictures in a database, as well as adding pictures to recipes when they are created.





# What's Next

- Integrating social sharing - make it easy to send these recipes out into the world!
- Better photo uploading and storage - we're using a database solution that might not scale well. Image upload solutions are something that already exist and are well documented, but as a group we haven't done much work with integrating externally built components.

