

PM6: Conclusion

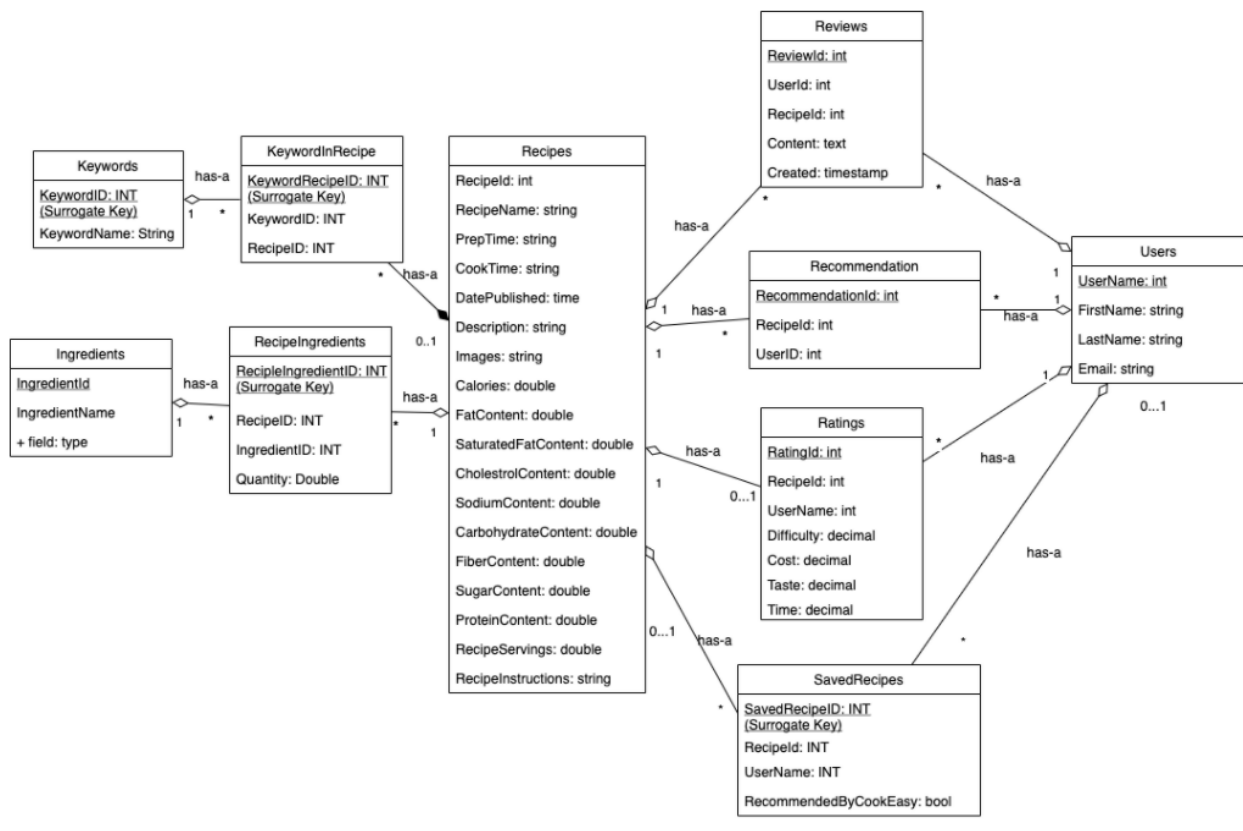
Did you fulfill your value proposition? Explain.

We successfully built a recipe search site, using the datasets we sourced at the beginning of the semester. This involved successfully importing the dataset, defining our relational database, using JDBC to connect to Java, and creating a web page for users to search for recipes. We did not develop some of the advanced search options we had initially listed.

List what you initially planned to deliver (as stated in Milestone 1), and compare to what you actually delivered.

Initially we had planned to tailor this website to new chefs — creating a search for recipes that focused on skill level of the chef and difficulty of the recipe. Instead, we pivoted our target user to a more general population — anyone who cooks. Our search now filters recipes based on what ingredients our user might have available at home — a good tool to decrease food waste and save on grocery spending.

Your final UML. Include a description of what changed in your UML (including which milestone did you make changes and why).



We did not change our UML for the original proposed in PM2 (pictured above).

What went well?

Our original UML design worked well for our relational database throughout the project. Additionally, CRUD operations were implemented easily and well in the data access objects.

What were the biggest challenges?

Organizing group meetings with conflicting schedules and across time zones was difficult — we often had to rely on written notes to communicate, which made effective collaboration challenging. We also faced an obstacle with loading the data into our database initially, due to a number of formatting issues within the dataset. Using bootstrap also proved to be a challenge.

What would you do differently?

If asked to start over on this project, we would more carefully vet the datasets we plan to use before selecting it, choosing something that would easily load into our database. We would also focus on better implementing fewer features.

What do you plan to do next?

If we were to continue work on this project, we would focus on making it easier for users to view the recipes they searched and adding more tailored search options. We will certainly all use our new database management skill set in future endeavors, which will certainly involve designing a database from scratch or using SQL queries to gain insights from existing relational databases.

THE TEAM

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