

CookEasy

Team 3: The Debuggers

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Initial Idea

“CookEasy is a recipe library that provides tailored recipe recommendations to match a user’s skill level, accessible ingredients, and schedule availability for new cooks who are unhappy with current recipe sites which cater to more experienced home cooks.”

Planned Value Proposition

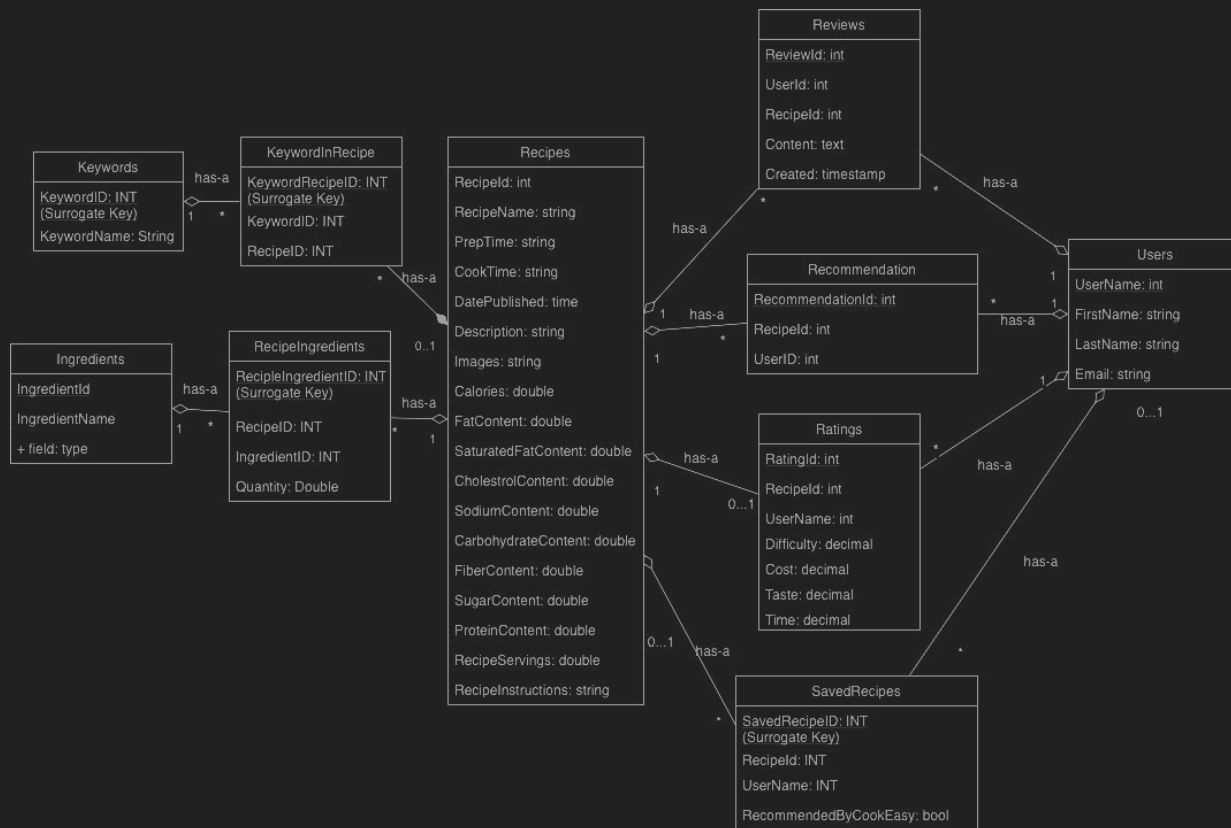
New chefs will be able to personalize their recipe searches based on various factors related to ease of cooking, such as skill level, available equipment, timeframe — for both food preparation and actual cook time — and ingredient availability. In addition to these features, the site will provide user's options to filter recipes by overall caloric value, ingredients to avoid (due to food sensitivity or taste) and cuisine, enabling users to further curate their recipe recommendations according to dietary needs and preferences.

Delivered Value Proposition

- Pivoted our target user to a more general population — anyone who cooks
- Our search filters recipes based on what ingredients our user might have available at home
 - Decreases food waste and saves on grocery spending.
- Still provides value to newer cooks
 - Easier to start cooking recipes with ingredients they already have

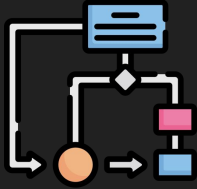
UML

Our UML stayed
consistent
throughout the
project with
essentially no
changes to our
Database



DEMO TIME!

What went well?



Our original UML design worked well for our relational database throughout the project



CRUD operations were implemented easily and well in the data access objects



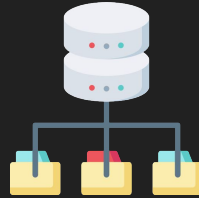
Select statements and ETLs worked well as well with providing valuable insights

Challenges



Organizing group meetings with conflicting schedules and across very different time zones

- We often had to rely on written notes to communicate, which made effective collaboration challenging.



Obstacles with loading the data into our database initially

- Due to a number of formatting issues within the dataset.



Setting up bootstrap on our website proved to be a challenge

What would we do differently?

- More carefully vet the datasets we plan to use before selecting it
 - Choose something that would easily load into our database
- Focus on better implementing fewer features
 - Spend more time on implementing one or two complete working features
 - Simplify our value proposition and features to deliver

Future Plans with the Project

- 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.
 - Improving features for users to have a more personalized experience
- Setting up more web pages for users with curated lists, ability for users to easily print recipes and further utilize the data more
- Set up an admin page to regularly visualize CookEasy's data and draw insights for the business team to make CookEasy better
- 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