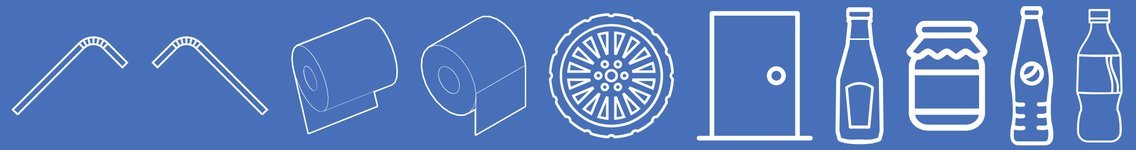
CAPSTONE PROJECT

WORST ENEMIES



PROJECT BY: ERICK LUE

PROJECT OVERVIEW

The Idea :

While working at a bar in Seattle the regulars and employees would always have discussions like: “is Kraft Blue Box better than Velveeta” and it got me thinking:

How fun would be to have an app based around questions similar to that and be able to tell people how wrong their opinions are?

Figma Mock-Up Link:

Worst Enemies Mock-Up

The Overview :

A social place where you can stand on your soapbox and tell the world how you really feel about controversial topics such as is Kraft Blue Box better than Velveeta. Pick a side and find out who your worst enemy is!

TECH STACK

Users

Front End

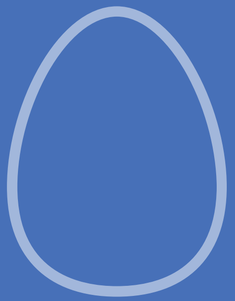
HTML, CSS, JavaScript,
Thymeleaf, Bootstrap

Back End

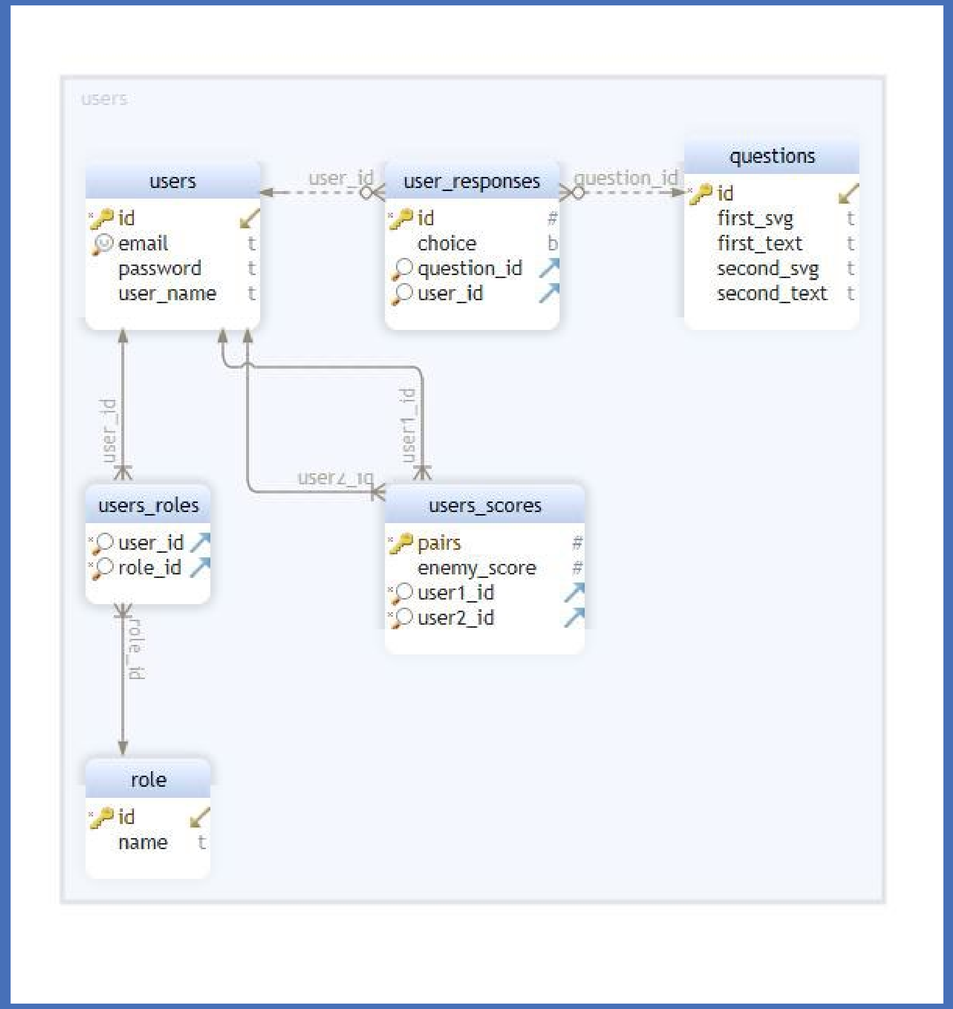
Spring Boot

Database

Maria DB



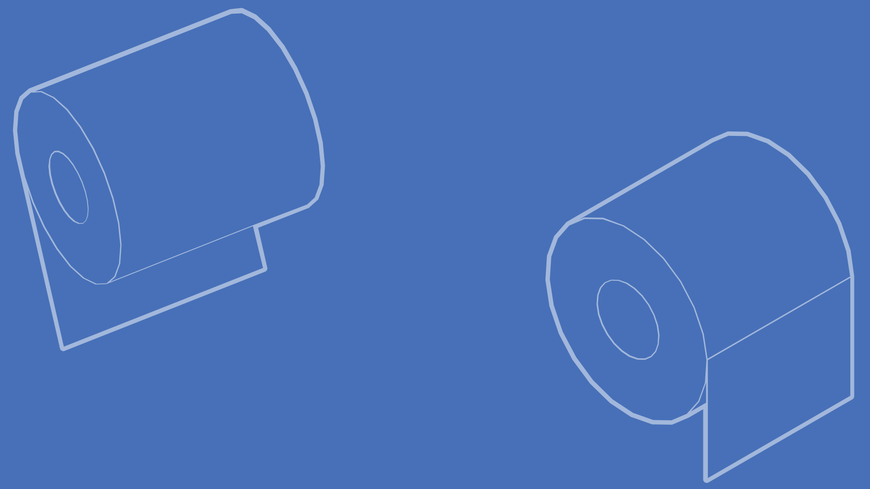
DATABASE SCHEMA



TECHNICAL CHALLENGES

Challenges:

- **Being able to implement everything from my mock-up:**
  - My background is in design and I enjoy making fun and easy to use interfaces but didn't know how to implement certain features and wasn't able to create my design exactly like my mock up. The solution to this issue was "killing my babies". By this I mean that even though I made something that I really liked, I needed to be able to cut my losses when necessary to be able to complete the project on time and satisfy the requirements.
- **Hooking up the front-end to the back-end**
  - Having some experience with front-end development, hooking up the back end was a big hurdle for me. Having to figure out how the different sets of data were to be stored inside of the database was the first step. After talking with fellow classmates I was able to clearly understand how I wanted the information to be stored, which really helped me get this project off the ground.
- **File Uploads**
  - Trying to figure out how to get file uploads was a difficult task. I tried to implement a file uploader but after a day or two it just wasn't working. To solve this issue I decided to store the name of the file into the database and used thymeleaf to pull the names of the files, to mock the file upload process.



FUTURE FEATURES

Future Implementations:

- Adding in a chat features called “Soap Boxes”
- User suggested questions
- Custom profiles
- A true matching up of enemies
- Different categories of questions
- Complete responsive design

THINGS I HAVE LEARNED

Taking Big Steps:

- **Finally having an understanding of the process:**
  - Being a designer I have always handed off designs to developers but never fully understood the amount of work that went into the development process. Even with this simple app I struggled a lot but found the best resource was asking for help and not being afraid to make mistakes.
- **Finally being able to code:**
  - I have always stayed as far away as possible from coding, except for the occasional CSS/HTML and didn't think I was capable of anything past that. Now after this course I am excited to code and get my hands dirty.