Project Features List:

- Organization
    - User will be able to organize flashcards or converted files for easy and quick access
- Choose lists: Users can choose a list from public lists.
    - Can choose from a set of defaults or created lists.
- Generate new lists.
    - types of lists:
        - Direct translation
        - Definition
        - Images?
        - Common sentences (Grammar)
    - Can enter text files (articles, books, websites, etc.) to generate new lists.
    - Can also type specific word recommendations.
    - Users can combine public lists or lists that they own
    -
- study mode
    - User will get feedback when practicing
    - Randomly pick out flashcards from sets individually
    - Error messages, with another attempt if partially correct (accents, misspells, etc.)
    - Ordering algorithm to generate commonly missed words more often.
- Can view personal profiles with stats.
    - login/logout
    - Save created lists to profile.
    - Can make lists and/or profiles public or private.
    - Missed words, overall accuracy, and other data stored with the user.
- Quizzes
    - Word shows up, type translation. If partially correct, another attempt is granted.
    - Sentence translation.
    - Multiple choice?
    - Bias to show words that the user is struggling with more frequently

Requirements (listed in order of requirement):

1. The user will create an account and log in

2. The user can create a list of words by manual entry, with translations auto-generated
3. The user can select a list and study the words & translations sequentially as flashcards
4. The user can take auto-generated quizzes on a list
5. The user can generate lists from a PDF or text file
6. The user can see statistics on their progress and their problem words
7. The user can share lists publicly

Project Plan:

Our plan for this project has been drafted on a Google Sheets document. It includes the dates of our Agile sprints, as well as the various requirements and tasks that we need to complete. We have decided to break into smaller groups of 2-3 people to implement each feature, with each task ideally being successfully completed from start to finish in approximately 3-4 weeks.

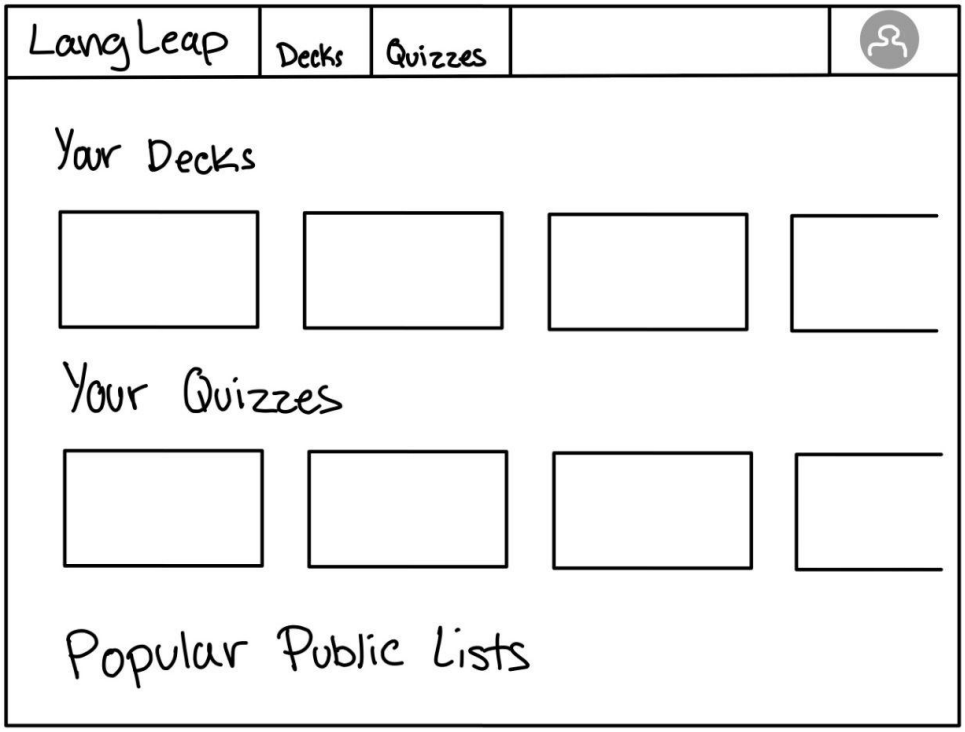
Project plan link: Project Plan

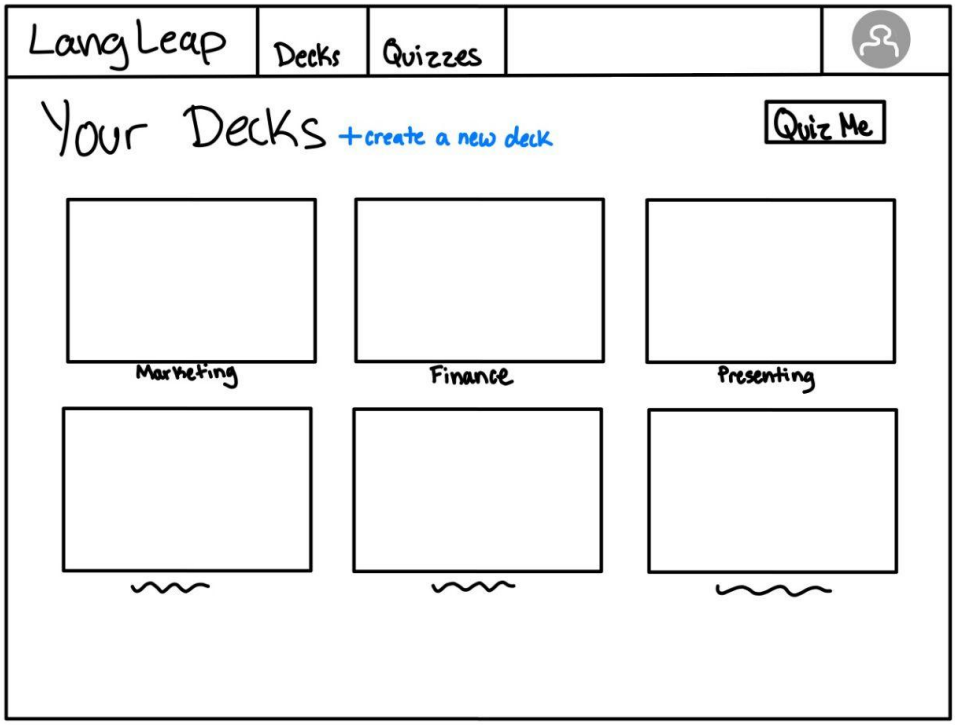
Wireframes & Design:

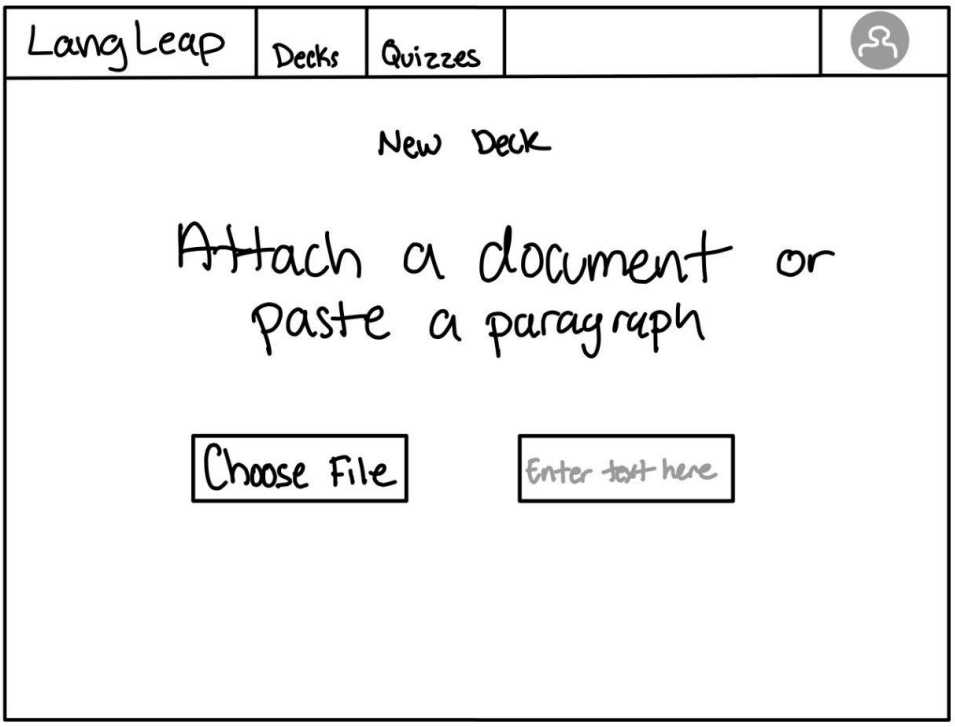
The wireframe photos below show basic layouts of:

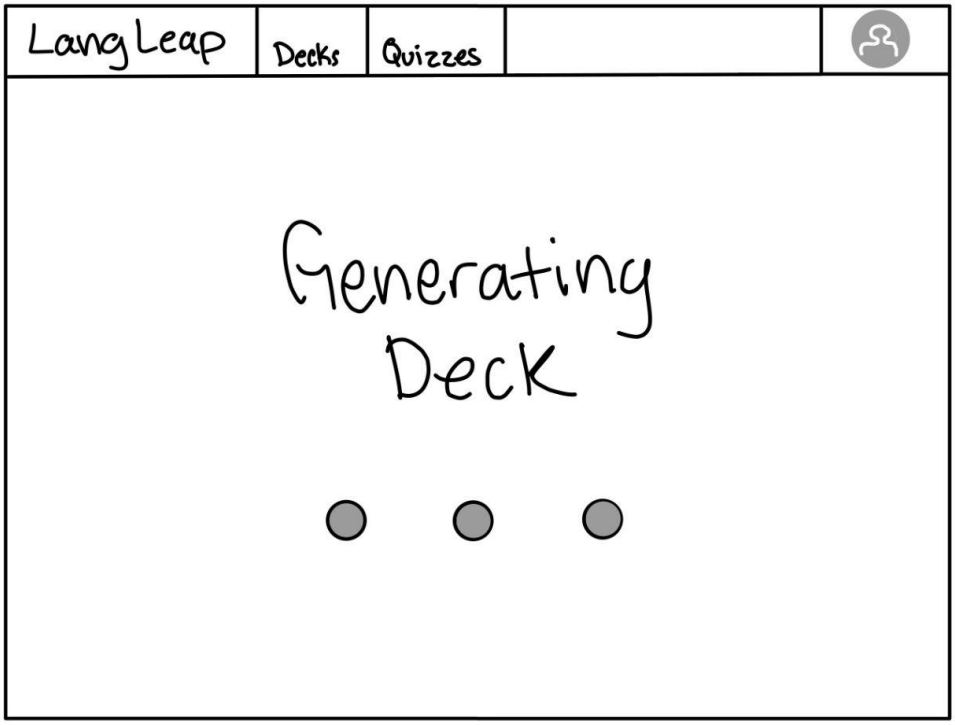
- The homepage after logging in
- Viewing all decks
- Creating a new deck
- Viewing individual decks
- Study mode
- Quiz mode

We will be using Bootstrap for our application. The images are saved as a PDF, under the resource folder in Github.

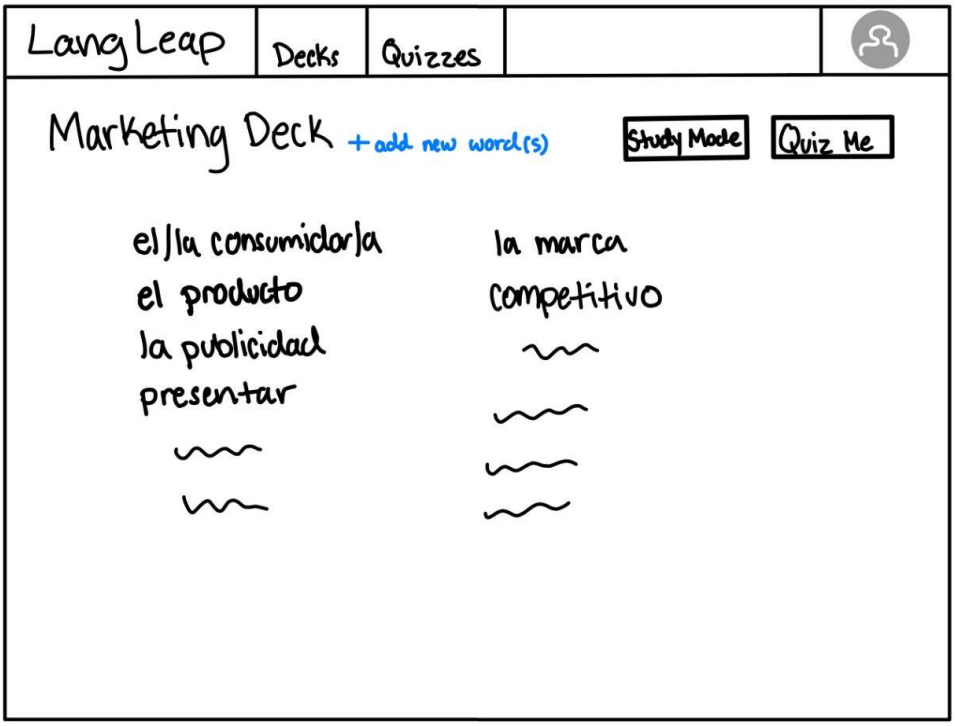

LangLeap
Decks
Quizzes
Your Decks
Your Quizzes
Popular Public Lists

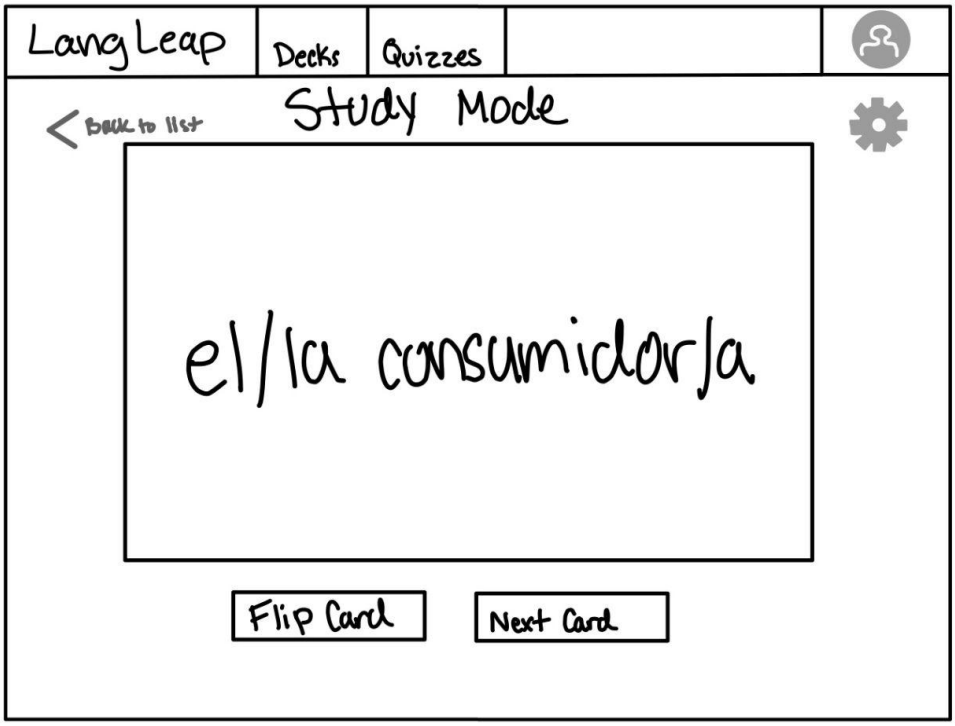

LangLeap
Decks
Quizzes
Your Decks
+create a new deck
Quiz Me
Marketing
Finance
Presenting

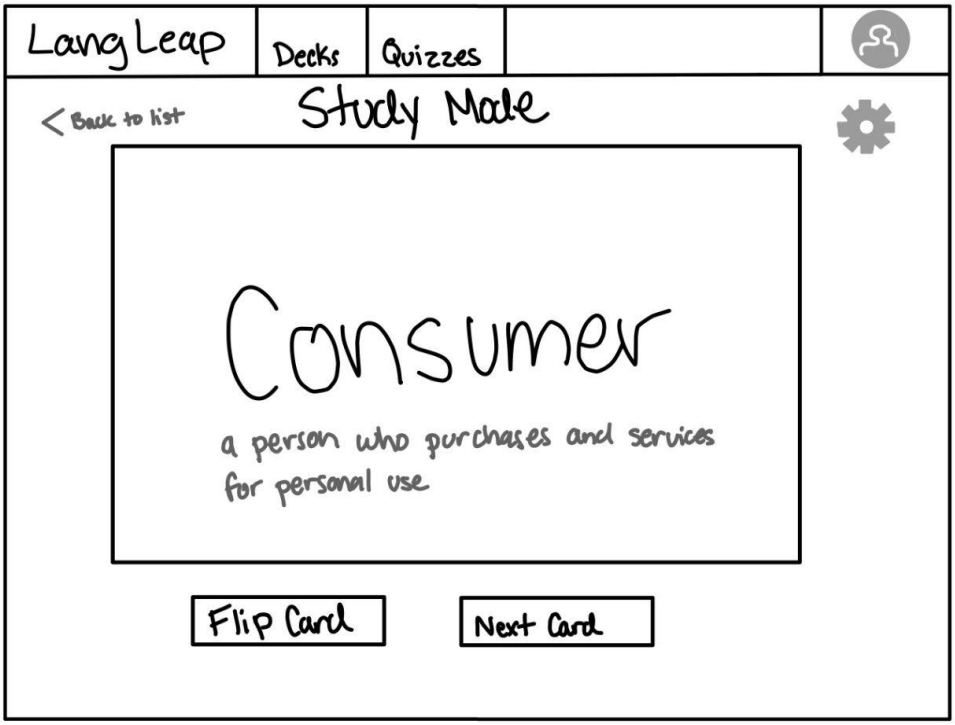

LangLeap
Decks
Quizzes
New Deck
Attach a document or paste a paragraph
Choose File
Enter text here

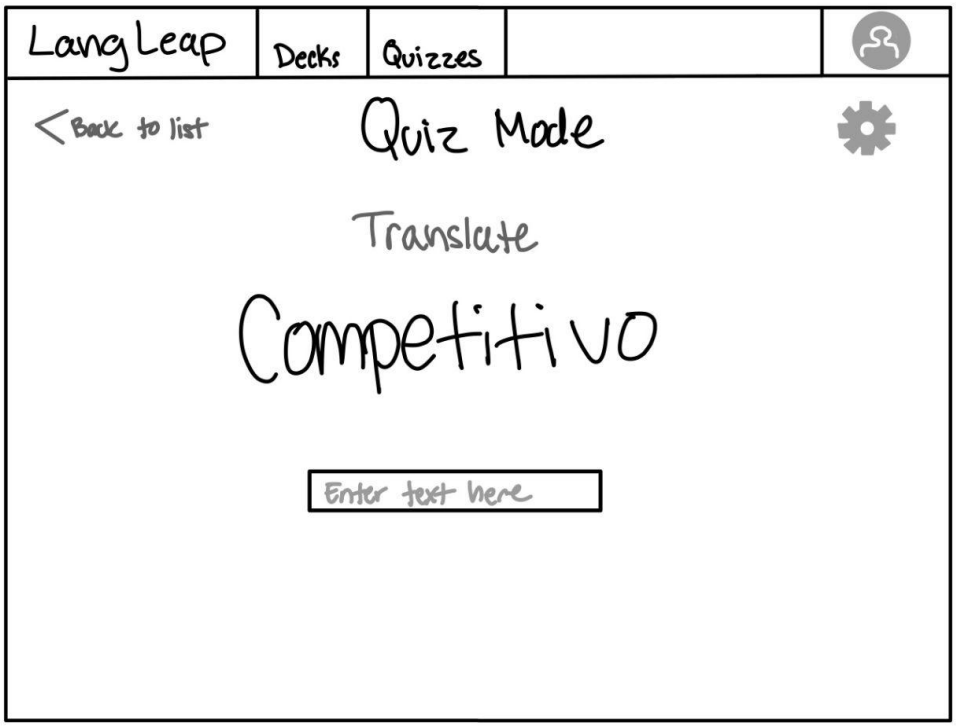

LangLeap
Decks
Quizzes
Generating Deck

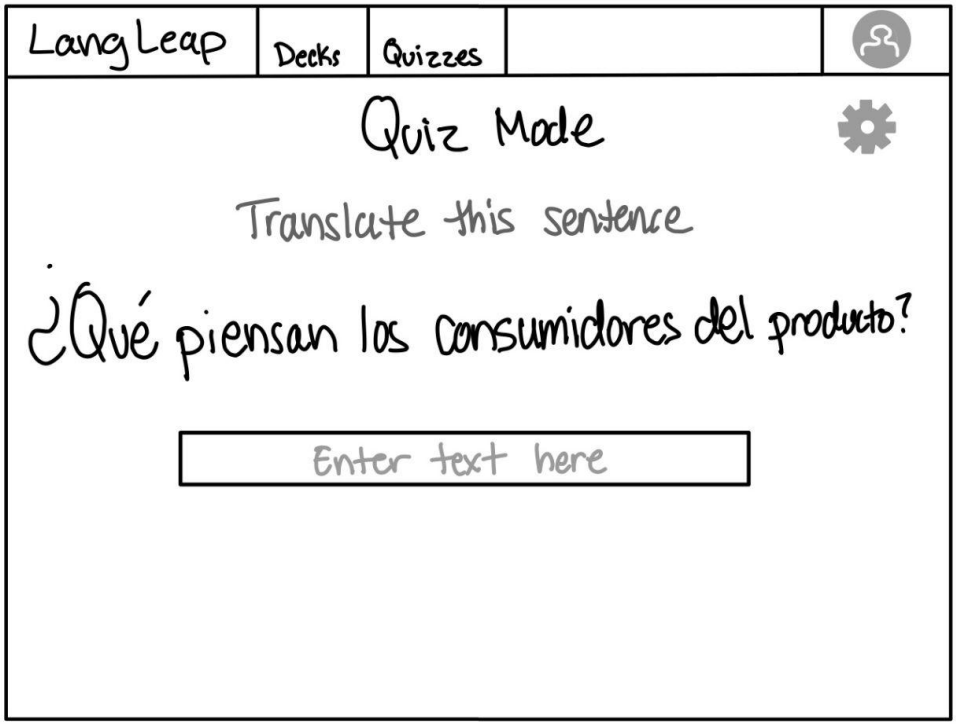

LangLeap
Decks
Quizzes
List Complete
Please name your list
Enter text here


LangLeap
Decks
Quizzes
Marketing Deck
+ add new word(s)
Study Mode
Quiz Me
el/la consumidor/a
el producto
la publicidad
presentar
la marca
competitivo


LangLeap
Decks
Quizzes
Back to list
Study Mode
el/la consumidor/a
Flip Card
Next Card


LangLeap
Decks
Quizzes
Back to list
Study Mode
Consumer
a person who purchases and services for personal use
Flip Card
Next Card


LangLeap
Decks
Quizzes
< Back to list
Quiz Mode
Translate
Competitivo
Enter text here


LangLeap
Decks
Quizzes
Quiz Mode
Translate this sentence
¿Qué piensan los consumidores del producto?
Enter text here

Individual Contributions:

The project management is primarily done in Discord and on the project planning spreadsheet. Tasks are delegated to sub-groups of people (initials listed in the planning doc) who list the necessary tasks and plan their completion amongst themselves. Teams report progress to the spreadsheet and the Discord, and the plan is adjusted accordingly.

- Beckett Hyde
    - Created first diagrams for software architecture, found technologies to use for project, finalized and committed milestone1 doc, worked on the milestone2 user stories, committed starter front-end code to GitHub, project management & scheduling work.
    - https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-016-04/commit/8543538834f87f97f79e1742a26e56666eefffb8
- Heather Monteson
    - Database and feature brainstorming, worked on milestone 2
    - Worked on deck.html and cards.html
    - https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-016-04/commit/6fb0fece7ab61dc6c79929875c7c4fd32adddfb6
    - https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-016-04/blob/main/source/html/cards.html
- Maxwell Pettit
    - Created git directories and initial files, wrote quiz.html as a skeleton for the eventual quiz page. Started milestone2 schedule/project planning spreadsheet. Exploring javascript form validation.
    - https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-016-04/commit/97ce2e919dbc8c5d2e318ec6860c8d96daa42013
- Joseph Rizzo
    - Worked on creating database layout in Excel sheet, as well as converting that layout into PostgreSQL tables using pgAdmin.
    - Worked on the project features and project plan sections of Project Milestone 2.
    - Looked into how to create a Docker container that will contain the finished PostgreSQL database and how to connect to the database using Node.js.
    - Database Layout
- Matthew Recksiedler
    - Helped to create and optimize the database layout
    - Created a flowchart on how the app as a whole should work, and how this links into the database.

    - Started looking into NodeJS to figure out how to connect the database to the application.
    - Database Layout
- Amandaliss Dropik
    - Created wireframe images for general layout of website
    - Helped brainstorm product features and requirements
    - Committed wireframe images to Github
    - Link to commit: https://github.com/cub-csci-3308-spring-2022/csci-3308-spring22-016-04/commit/6310080c83b3f3d62cfad05de273d09b7cd683e5