Team GoLang - Sean Ging (PM), Patrick Ging, David Chong, Aryaman Goenka
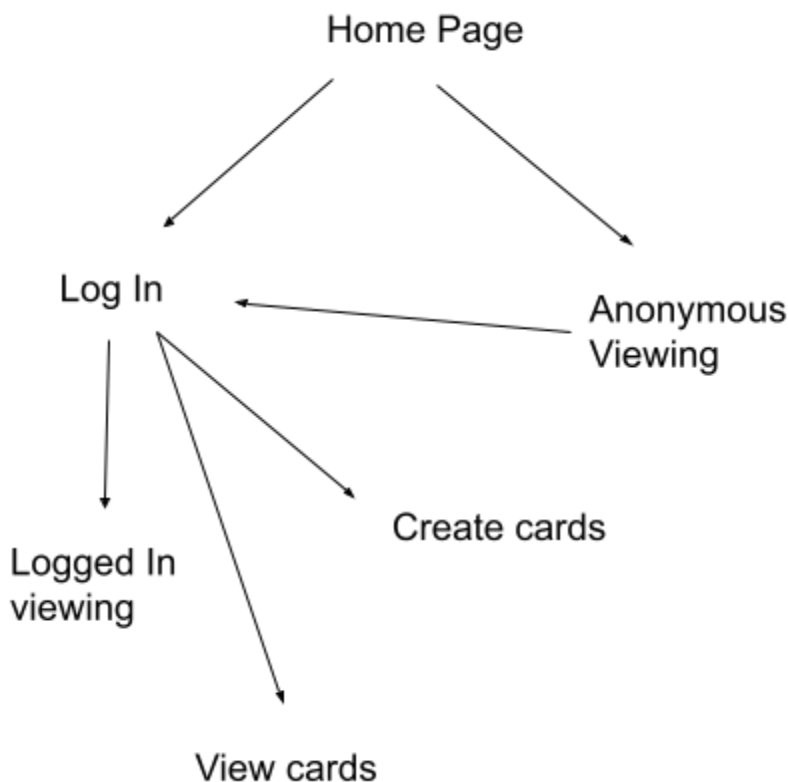Design Doc:
Tesseract and flashcard generation
Due Date: June 14th 2022

Concept: Using tesseract to render a photo into flashcards, be able to view, search, and export flashcards.

General Navigation:

- Uses Tesseract in the microservice, sqlite for files.

Current Program Components:
- **Home Page**
    - **User, login page**
    - **Why? So we can save different quizzes for users!**
- **Processing page**
    - **Form for uploading documents**
        - **Once uploaded, content will be sent to tesseract microservice**

- Users can correct and add-on to the created document
  - Alternatively one can manually input their information
- **View page**
  - **Search bar**
  - **View all saved decks**
- **Tesseract**
  - **Using python wrapper, possibly a fine-tuned engine**
  - **Tesseract installed generally**
  - **API endpoint**
- **Database**
  - **Upload information**
  - **Render it onto the view page using**
    - **Sqlite**
    - **Jinja Templating**
    - **React**
  - **Export**
- **Flask, Apache**
  - **Host web service**

Stretch goals
- **Open-ended question**
  - **We can use AI to see how "accurate" the answer is to the correct answer**