Team IllegalSkillsException
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Bookindle

Your kindle for books, book reviews, and news articles

Project Description:

Our website will incorporate book search/book review functionality, and will even have a recommended book section. The reviews will be provided from iDreamBooks and the New York Times. Each book will have a readable pdf depending on whether or not it is a public domain book. However, most non-public domain books still have a readable pdf with sections of the book. There will be a login functionality to allow for book/article saving, as well as the ability to post reviews.

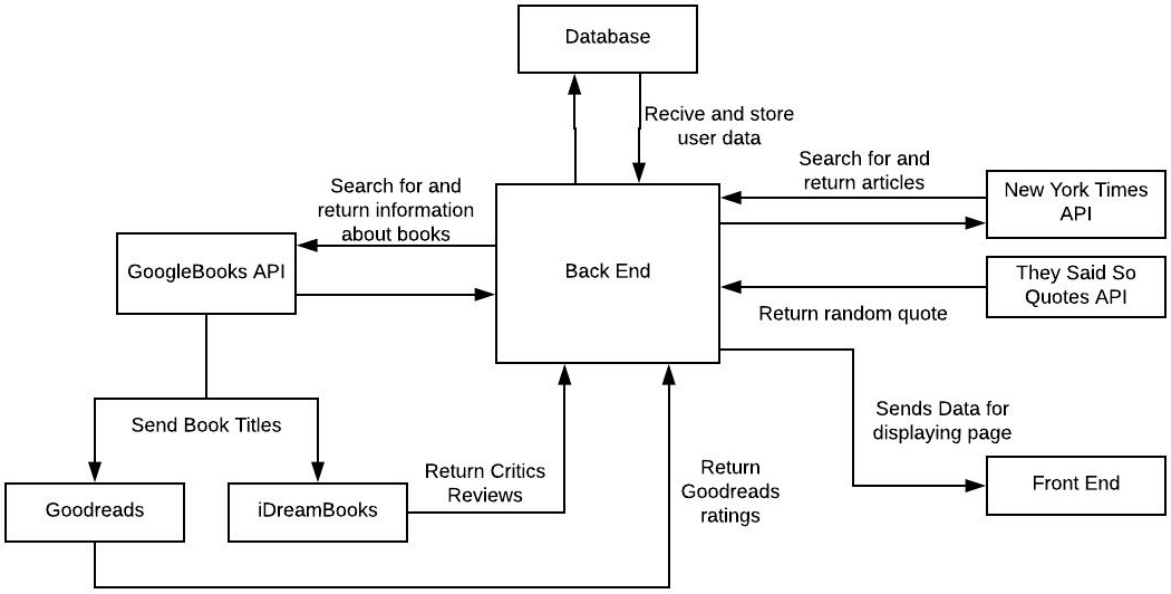
APIs Used:

- New York Times: provides historic articles as well as book reviews for bestsellers
- Google Books: generate a readable file for available books
- iDreamBooks: book reviews from critics
- They Said So Quotes: API for providing a random quote

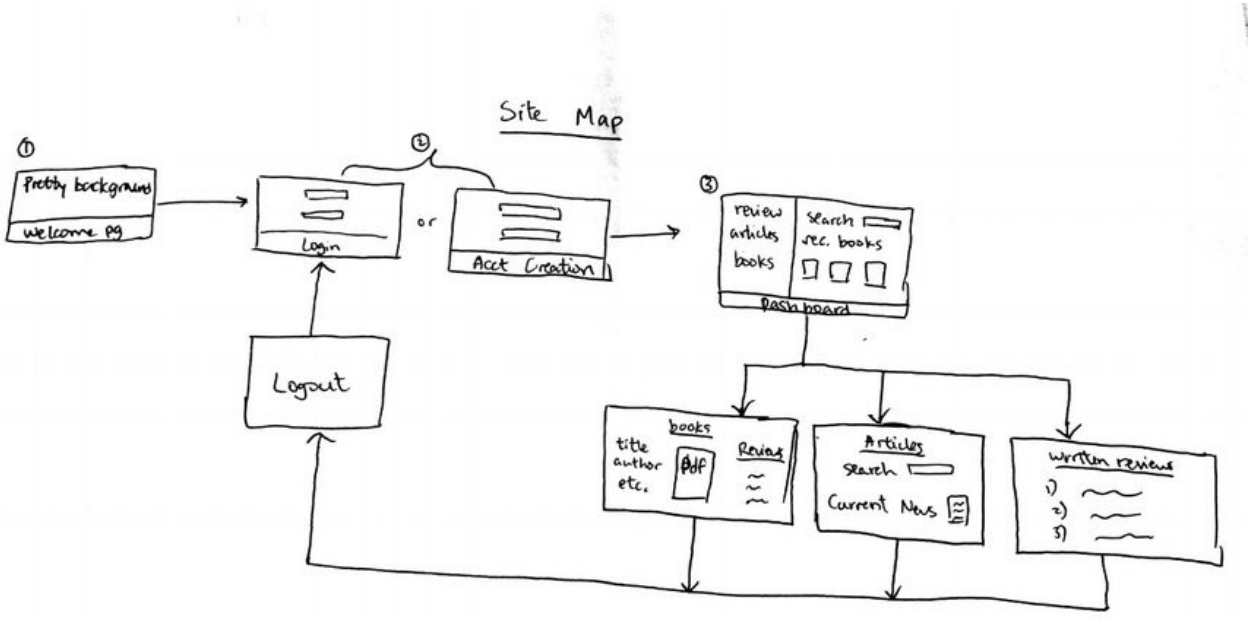
API Quotas/Keys:

- New York Times: 1,000 requests per day
- Google Books: 50,000 requests per day
- iDreamBooks: N/A
- They Said So Quotes: 10 requests per hour

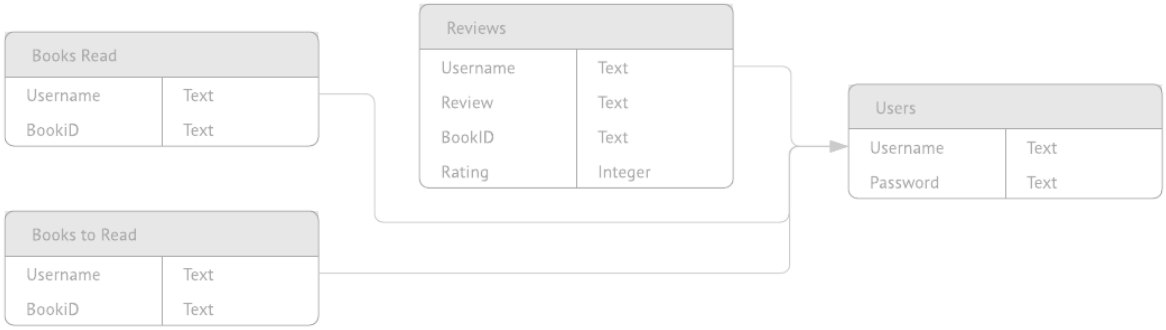
Component Map:



Site Map:



Database Schema:



User login info will be stored in the users table. The books read and books to read tables will be used to display books in a user's profile. The reviews table will store information on reviews. This reviews will be displayed on a book's page and on the page of the user who created it.

Roles:

- Angela Tom: Project manager and articles tab
- Aaron Li: Frontend
- Kevin Lin: Book searching, reviewing, and recommendations
- Max Millar: Create the readable pdf and login/register