

Team IllegalSkillsException  
Aaron Li, Angela Tom (PM), Kevin Lin, Max Millar

## 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 (a random book quote would be displayed on the site)
- TasteDive: API for book recommendations

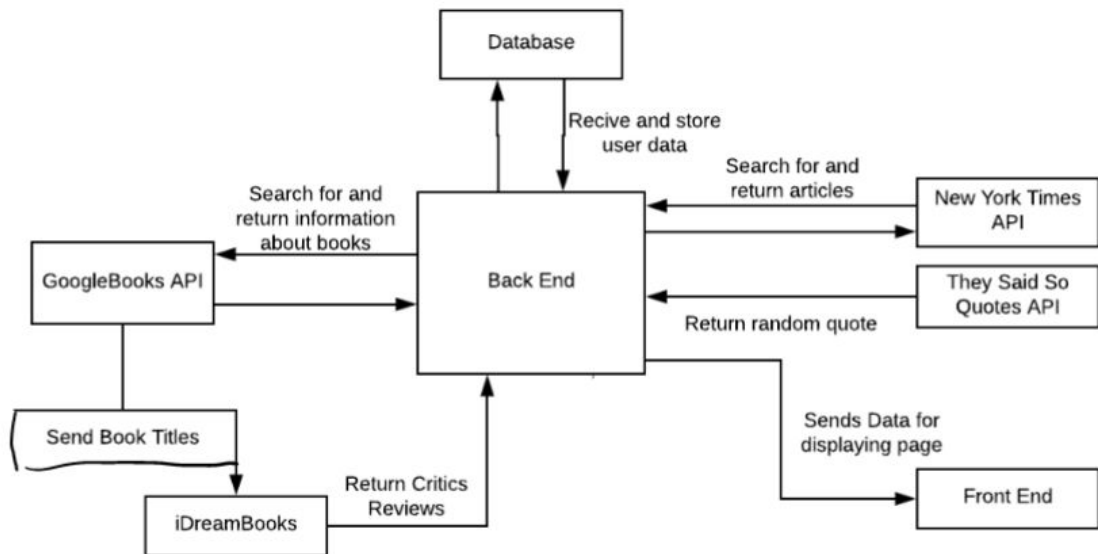
### API Quotas/Keys:

- 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
- TasteDive: 300 requests per hour

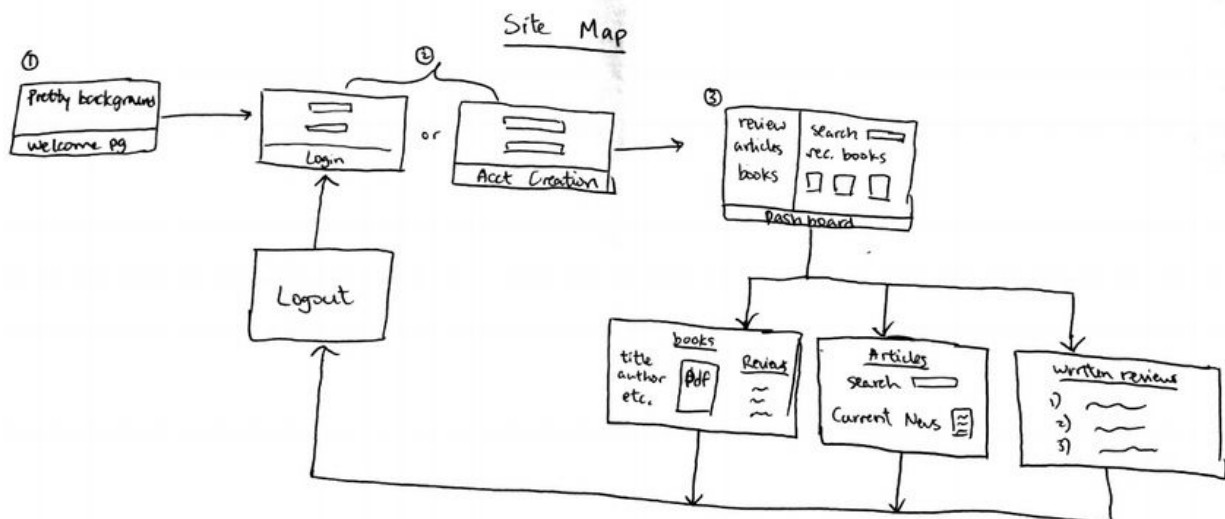
### Frontend Framework Choice: Bootstrap

Our team decided to use Bootstrap because ~~Aaron~~ the group is most familiar with Bootstrap, and there is more documentation for it. It is easier to understand and more intuitive than Foundations, which several members in the group have already attempted to use.

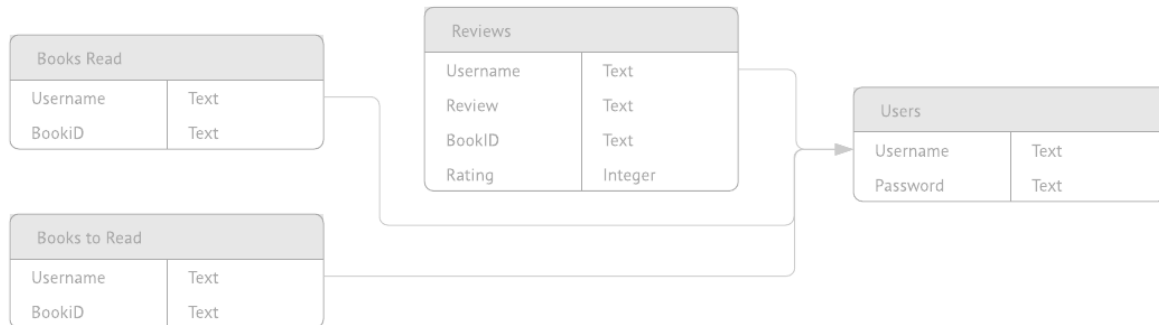
### Component Map:



## 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