

READr!

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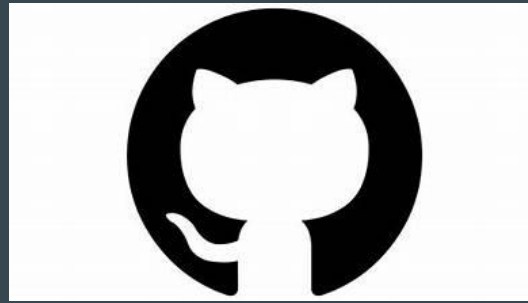
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Description of our project

Our application will be a book tracking interface that allows users to track their own reading progress with insightful statistics, share book reviews with an online community, and explore a collection of books to find their next read.

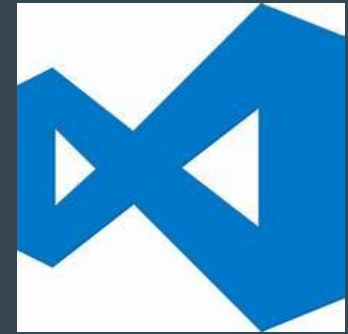
Tools we used

- Github
- Visual Studios
- Docker
- Azure
- Methodologies
 - Agile methodology
 - Two reviewers for pull request



Github was a tool for us to share and update our code with one another

Usefulness: 5/5



VS was a tool for all of us to code in and contribute to the project

Usefulness: 5/5



Used Azure to run application on cloud

Usefulness: 4/5



Docker ran our application using containers

Usefulness 4/5



We knew that using Agile will allow us to go back and modify plans

Usefulness 5/5

Expected tools

- HTML/CSS
- NodeJS
- Mocha/chai
- EJS
- PostgreSQL
- GoogleBooks

The logo for Google APIs, featuring the word "Google" in its multi-colored font followed by "APIs" in a black sans-serif font.

GoogleBooks was used to show books and their info
Useful: 5/5



Mocha and chai was used to test login page and register
Usefulness: 4/5



HTML and CSS was used on the frontend and to design our project
Usefulness 5/5



We used NodeJs to run our javascript program on an browser
Usefulness 5/5

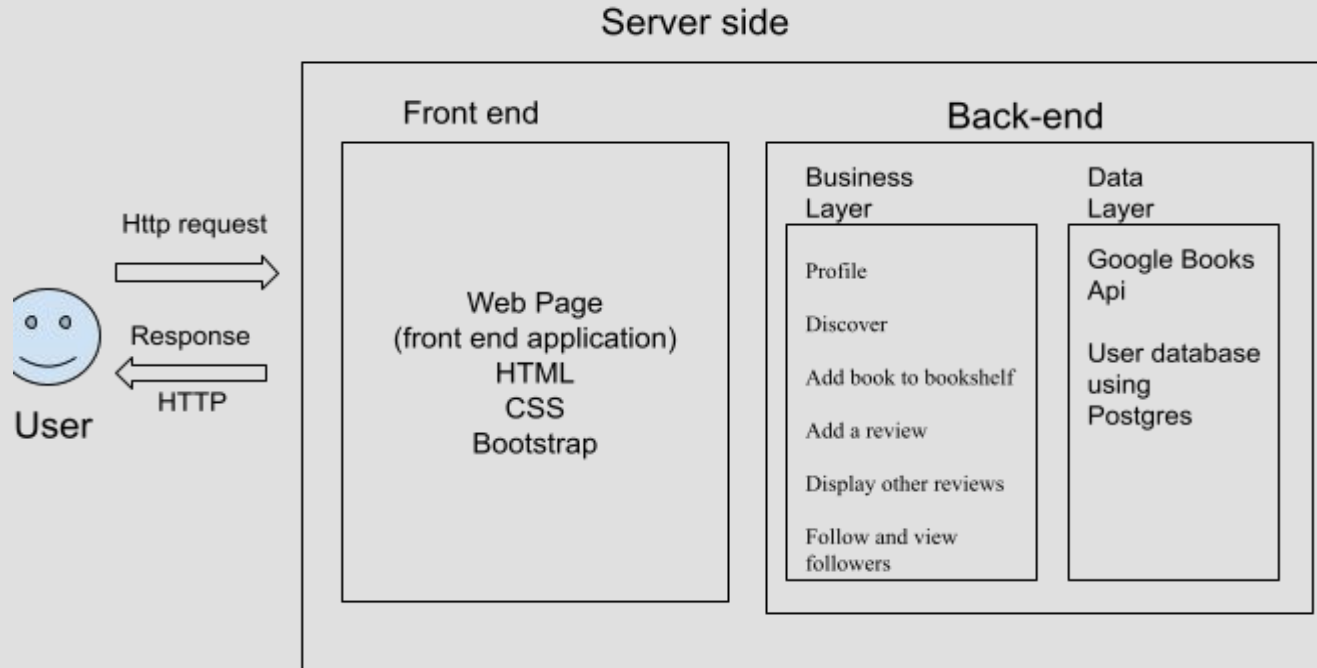


EJS was used to dynamically create HTML using user data
Usefulness: 5/5



Postgres was used to store our users datas
Usefulness: 5/5

Architecture Diagram



Challenges

- Making sure users data was saved even after they logged out
 - Solved this issue: by making session variables and solving one small issue we had in the code
- Modal
 - Trial and error, collaboration with peers, referring to documentation/past assignments
- Managing Code Integration Across Groupmates
 - Communicating and following deadlines in order to avoid members waiting on changes
- Revising/Adapting Existing Code
 - Discovering new issues with previous code in the database/index
- Getting testing up and running
 - Had to use outside library: sinon