

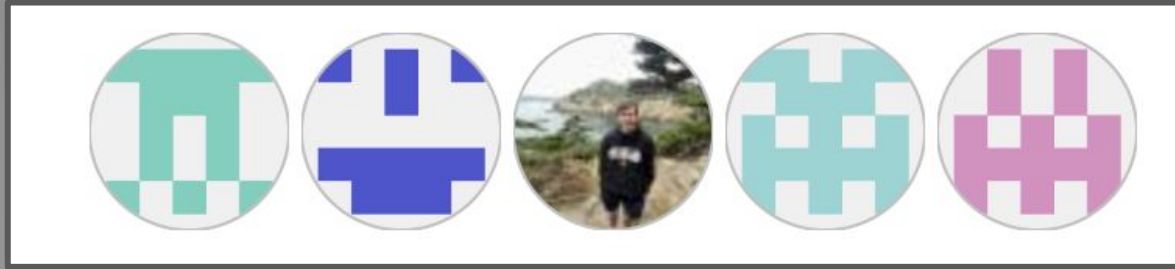


The Bookaholics



University of Colorado
Boulder

Team Members:



- **twisty13 (Tristan Barnes)**
- **cothiel (Cooper Thiel)**
- **TheBenchmark21 (Oscar Guerrero)**
- **yusefbaluch (Yusef Al Balushi)**
- **suman421159 (Suman Upreti)**
- **bennettgarmon (Ben Garmon)**

Elevator Pitch:

The bookaholics is more than just a book application; it's a vibrant community where book lovers transform from silent readers into influential voices. Our application is a have for literary exploration, where users not only track their reading and book collection adventures but also share insights that ignite conversations across the internet. Join us and dive into a world where every book is a new journey, every review is a spark for discussion, and every genre is an uncharted territory waiting to be explored. So, welcome to The Bookaholics, where your passion for books meets a community that listens.

Application Description:

The Bookaholics is an application that empowers its users to be more than passive readers; it invites them to become active community participants and trusted reviewers. Our application will be designed to be smart, intuitive, and designed in such a way to guide you to your next favorite book. It is also a method in allowing users to establish their literary journeys and meaningful dialogue or insight into the community.

The Bookaholics is an application that brings a positive twist to the book lover's digital experience on this platform. This fun-filled application is an all-in-one platform that also allows users to discover new reads across diverse genres, share their thoughts through reviews, and engage in lively discussions.

Expected Tools:

- VCS Repository: Github
- IDE: Visual Studios
- Database: PostgreSQL
- UI Tools: HTML, EJS, CSS
- Deployment Environment: Microsoft Azure
- Application Server: NodeJS
- External APIs: Google Books
- Testing Tool: Chai

Tools Used:

- VCS Repository: Github



- Database: PostgreSQL and DBDiagram



- IDE: Visual Studios



- UI Tools: HTML, EJS, CSS, Javascript



Tools Used:

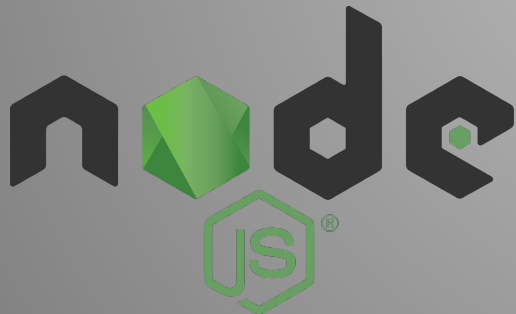
- Deployment Environment: Microsoft Azure



- External APIs: Google Books



- Application Server: NodeJS

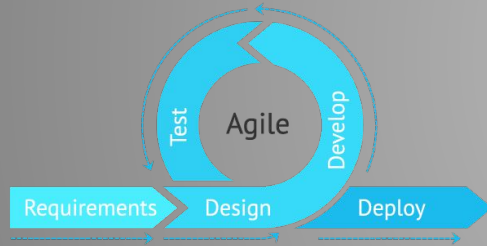


- Testing Tool: Chai

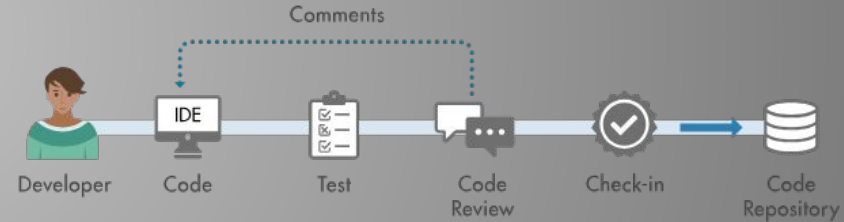


Tools Used:

- Methodologies: Agile
- Consistent peer reviews throughout the lifetime of the project.



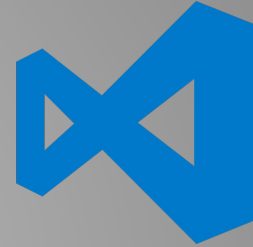
- Peer Code Reviews/Pair Programming:
- Very useful for when facing a challenge, having another person look at your code can solve issues.



Tools: Group Rating



- Github 5/5: Vital in facilitating project development by providing a platform for collaboration, issue tracking, and version control through features like pull and merge requests.



- IDE - Visual Studios: 5/5 Very useful for developing a website due to its versatile and user friendly interface as well as its debugging tools.

Tools: Group Rating



- PostgreSQL: 5/5 Valuable as an open source relational database management system. Also quite easy to use and understand.



- DBDiagram: 3.5/5 Was quite useful as a way to visualize our database and see the relationships between tables for writing SQL queries later.

Tools: Group Rating

HTML: 4/5 Was great for creating an interactive and visually appealing website with the tag based system.

CSS: 3.5/5 Was good at formatting our website but was a little difficult to figure out its format.

JS: 5/5 Was extremely vital in creating the API calls for our website.



Methodology:

TheBenchwarmer21 / Projects / @Project Board

Q Type to search

>

+

@Project Board

View 1 + New view

Filter by keyword or by field

Discard Save

Todo 0

This item hasn't been started

+ Add item

In Progress 0

This is actively being worked on

+ Add item

Done 104

This has been completed

TheBookaholics #11

Develop unit test cases for login page (User testing)

Login

TheBookaholics #89

Add button to view all reviews for a specific book

TheBookaholics #2

Create a login page

user experience

TheBookaholics #6

User interfaces (login + API)

TheBookaholics #27

Directory Structure

TheBookaholics #1

Add user name and password to database

+ Add item

PRESENTATION + EXTRA CREDIT 2

TheBookaholics #13

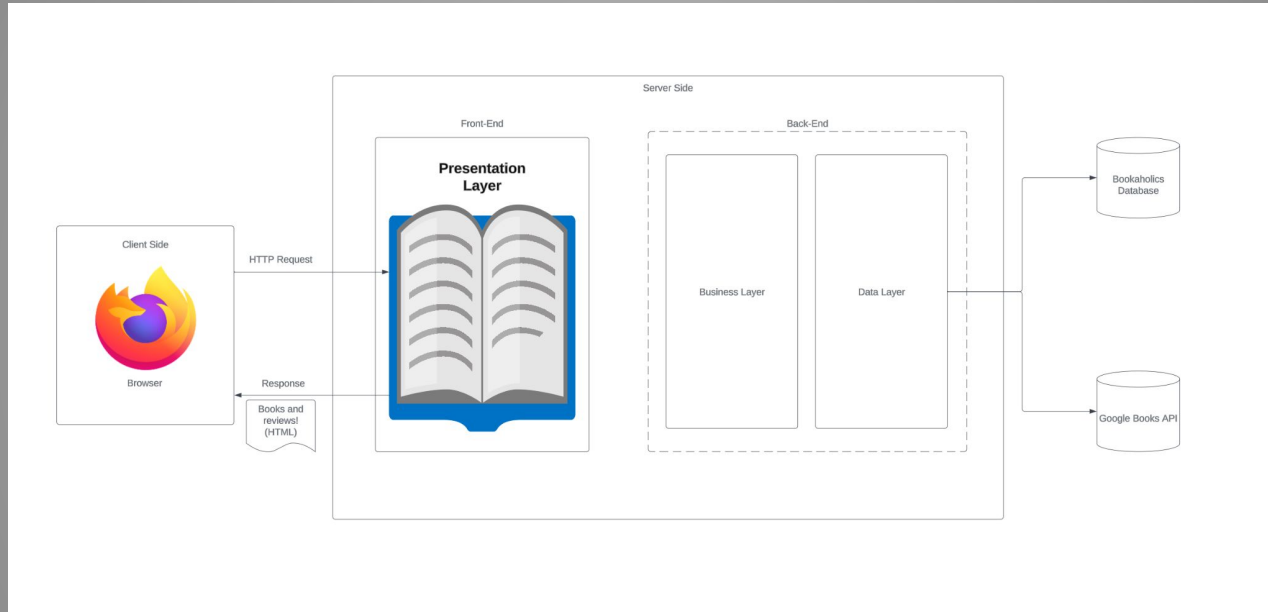
Early preparation w/ team (week before presentation)

TheBookaholics #15

Leave time to do extra credit

+ Add item

Architecture Diagram



Visualization of The Bookaholics website architecture.

Challenges:

- Initially determining specific use cases.
- HTML structure and CSS styling.
- Unit test cases
- Identifying and fixing API and docker desktop bugs.
- Traffic management in regards to who's pushing and merging things at the same time.



Demo Time!



Welcome to The BookAholics

Welcome to The BookAholics! Our mission is to elevate your reading experience by providing a platform to discover, review, and engage in lively discussions about books within our vibrant community. The Bookaholics is an application that empowers its users to be more than passive readers; it invites them to become active community participants and trusted reviewers. Our application will be designed to be intuitive and is a method in allowing users to establish their literary journeys and meaningful dialogue or insight into the community. With a smart recommendation system, the app caters in helping users find, review, and talk about books from all kinds of genres. Nevertheless, The Bookaholics is an application that brings a positive twist to the book lover's digital experience on this platform. This fun-filled application is an all-in-one platform that also allows users to discover new reads across diverse genres, share their thoughts through reviews, and engage in lively discussions.

[Register](#)[Login](#)

Choose one of the options above to begin your exciting journey with The BookAholics! 🌈 ✨

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