



Cool Kids Book Application

Team 011-3

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A low-angle, black and white photograph of several modern skyscrapers reaching towards a dark, overcast sky. The perspective creates a sense of height and scale. The buildings have a grid-like facade of windows. A large, white, thin-lined square frame is centered on the image, containing the text.

01

**Project
Description**



Problem

Finding books to read and like-minded friends to discuss books with can be difficult.



Solution

An application that lets you find friends and book recommendations based on mutual interests.



The Cool Kids Book Application is the ultimate app to connect with other readers and find new book recommendations.



Project Description



Tools and Methodologies

02

Tools Utilized:

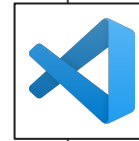
**Github
Project Board**
(Project Tracker)



Github Repository
(VCS repository)



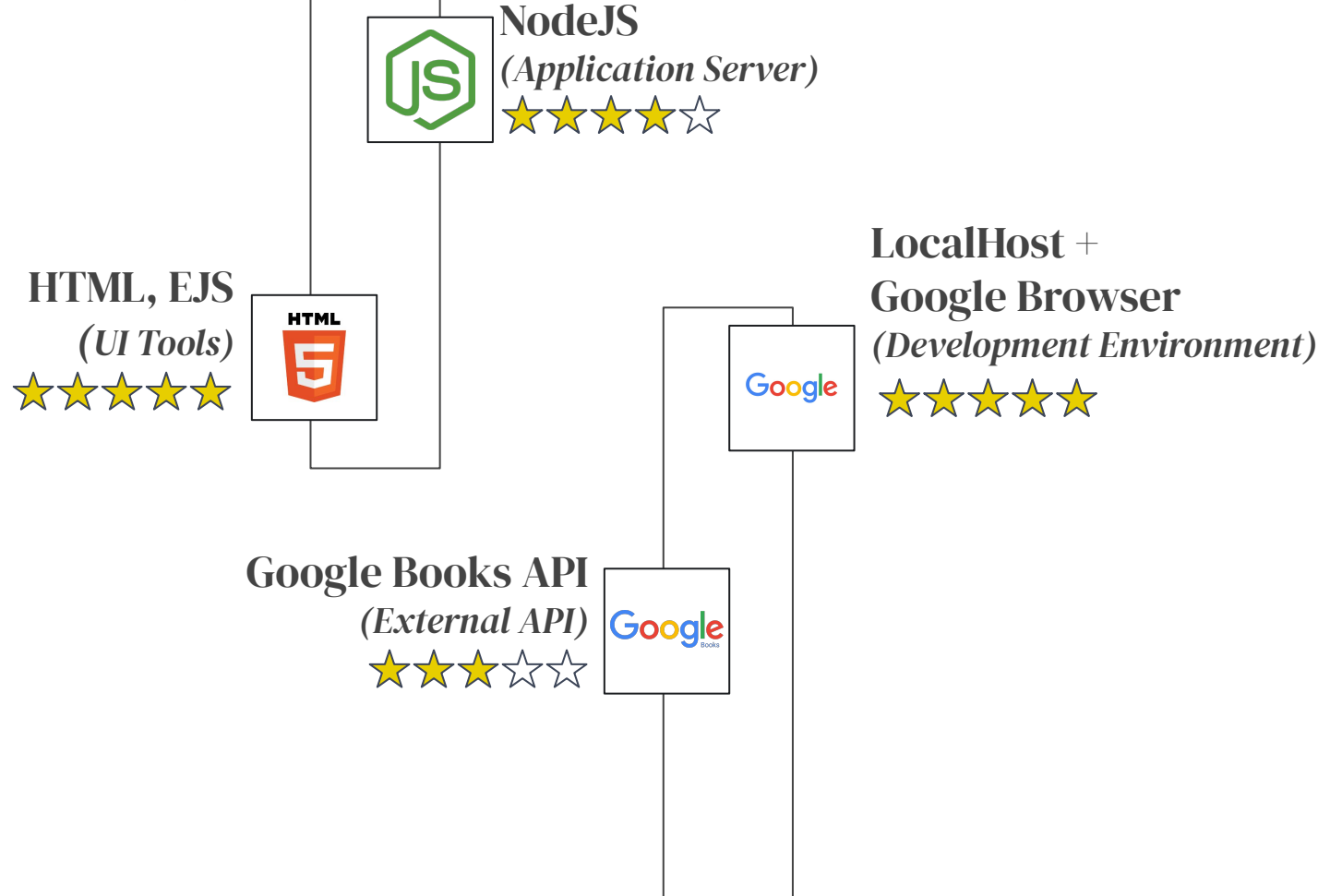
Visual Studio Code
★★★★★ (IDE)



PostgreSQL
(Database)



Tools Utilized (cont.)



Methodologies:

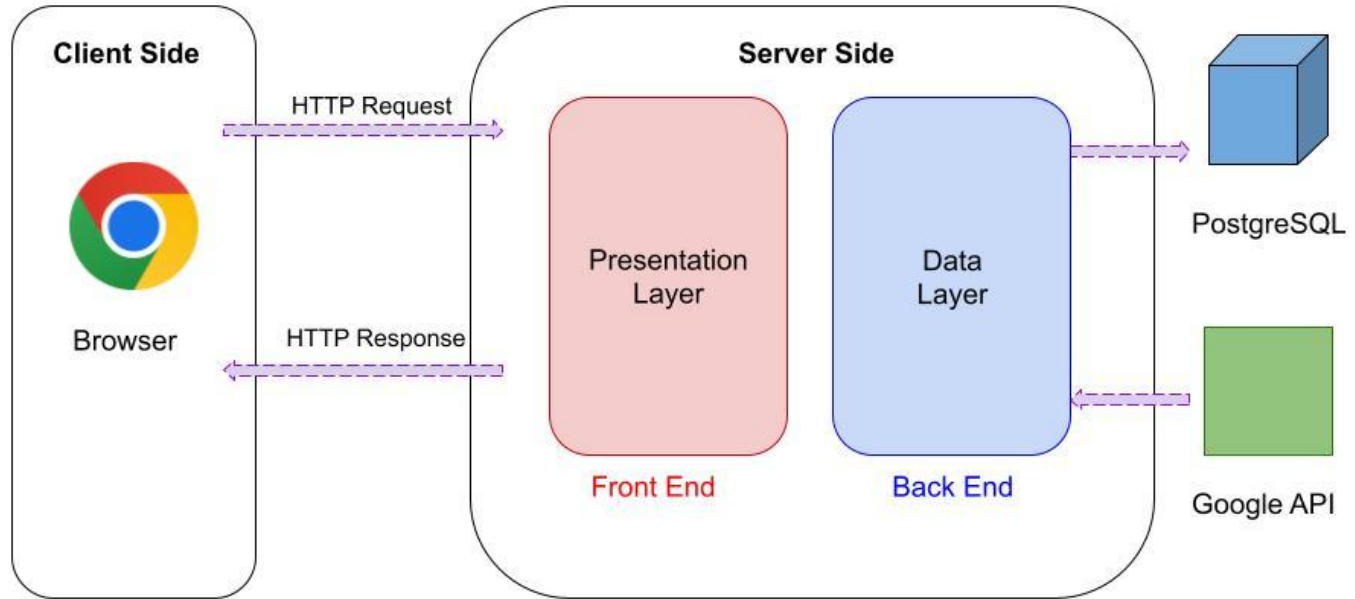
<i>Agile Scrum</i>	<i>Peer Code Reviews</i>	<i>Iterative</i>
<div>Responding to Change</div> <div>Working Software</div> <div>Simplicity</div>	<div>Collaborative</div> <div>Frequent Feedback</div> <div>Constructive</div>	<div>Consistent progress</div> <div>Incremental Development</div> <div>Repeated development and testing</div>



03

Architecture
Diagram

Architecture Diagram:





Challenges 04

Challenges:

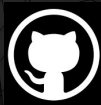


Challenge 1:

Problem: API Decision

Potential Impact: Decreased efficiency of code development

Solution: Testing, Pros and Cons



Challenge 2:

Problem: Github Merge Conflicts

Potential Impact: Inability to merge all group members' progress

Solution: Different branches, reverts, and office hours



Challenge 3:

Problem: Time Management

Potential Impact: Incompletion of features to our satisfaction

Solution: Prioritization of features and division of tasks

Future Enhancements:

Improved UI



Functionality was prioritized over style give the short time frame.

API Reviews



Currently, the Google Books API does not include access to user views, but this may change.¹

¹ <https://stackoverflow.com/questions/7896331/how-to-get-reviews-from-google-books-api-wit>



05 Project Demonstration

Project Demonstration

A low-angle, black and white photograph of several tall skyscrapers reaching towards a cloudy sky. The perspective is from the ground looking up, creating a sense of height and scale. The buildings are modern, with many windows visible. A white rectangular frame is superimposed over the center of the image.

Sources

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