



Cool Kids Book Application

Team 011-3

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Sources

A low-angle, black and white photograph of several modern skyscrapers reaching towards a dark, cloudy sky. The perspective creates a sense of height and architectural scale. The buildings are framed by a thin white rectangular border.

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

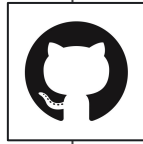


Tools and Methodologies

02

Tools Utilized:

**Github
Project Board**
(Project Tracker)
★★★★★



Visual Studio Code
★★★★★ (IDE)

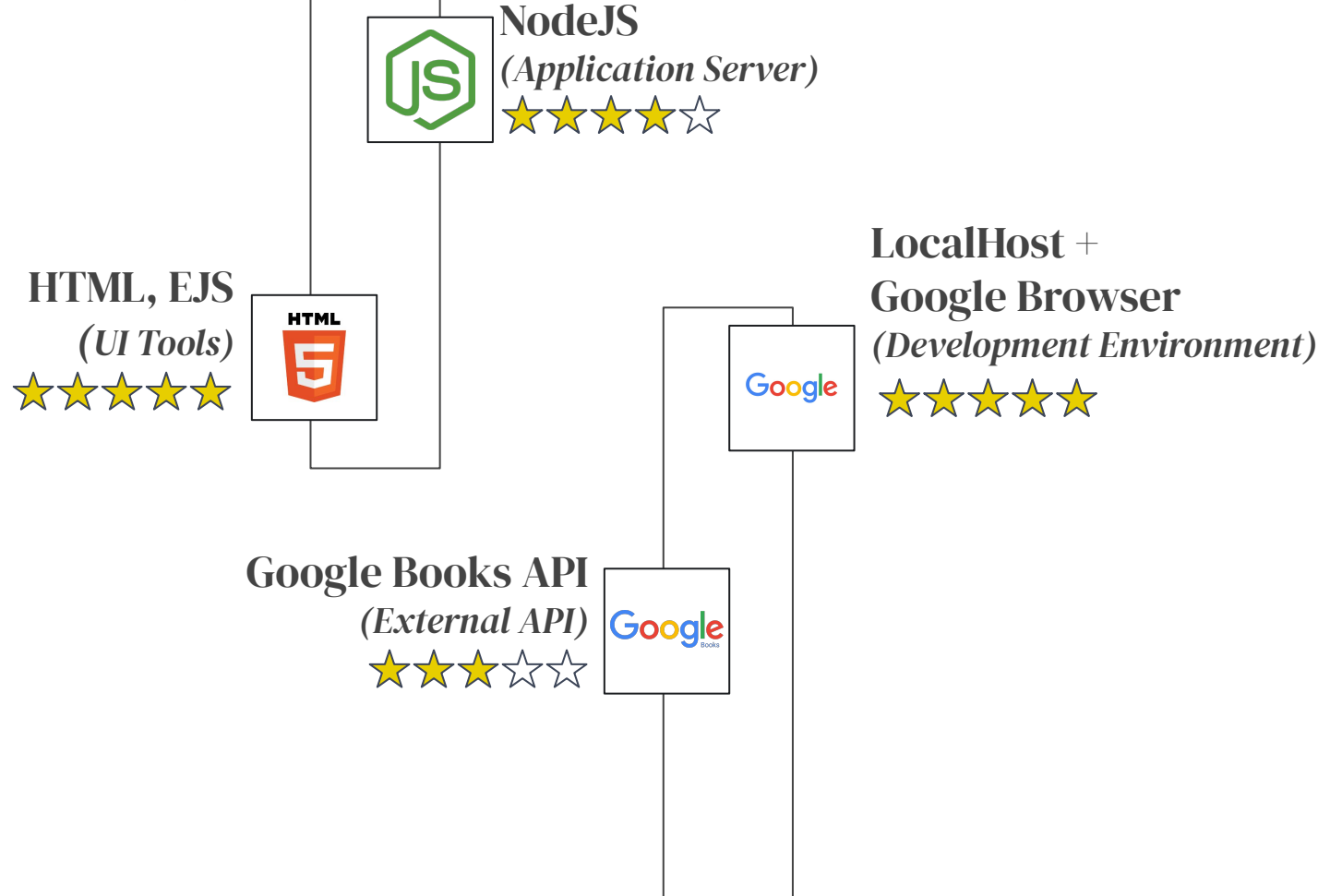


Github Repository
(VCS repository)
★★★★☆



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:

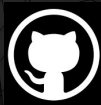


Challenge 1:

Problem: API Decision

Potential Impact: Decreased efficiency of code development

Solution: Testing, Pros and Cons



Challenge 2:

Problem: Github Merge Conflict

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



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, containing the text 'Sources' and the large number '06'.

Sources

06

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