

TextBookHeroes

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Our goals

- Develop a web application where:
 - Users (students) can post for sale no-longer-needed textbooks.
 - Other students can contact people to get textbooks.
- Use modern web technologies and frameworks:
 - Node
 - Express
 - React
 - Firebase

User Stories

Sprint 1

Sprint completion: 2/03/2018

Revision Number: 1.0

Revision Date: 1/21/2018

Goal:

- Learn Express and React frameworks.
- Apply them to build a basic main and login page.

User Stories / Tasks:

1. US: As a developer I want to learn Node/React frameworks.
T1: Look up tutorials.
~3.5 hours
2. US: As a developer I want to integrate Google Login and develop a login page.
T1: Learn about google authentication.
T2: Integrate it into the login page in less than a week.
< 1 week
3. US: As a developer I want to create a basic main page.
T1: Design the main page.
T2: Generate and display dummy data.
< 1 week

Next Sprints

Sprint 2:

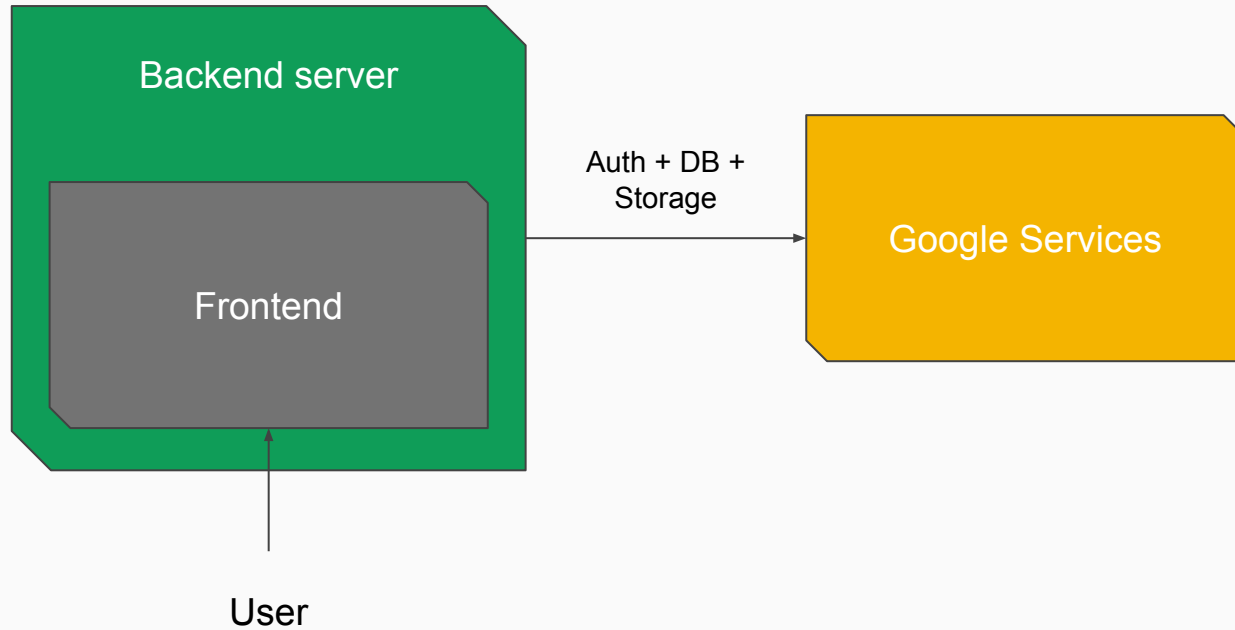
- As a user I want to be able to post new books for sale.
- As a developer I want to implement a system to receive new posts, store them in DB and show them in the page.

Sprint 3:

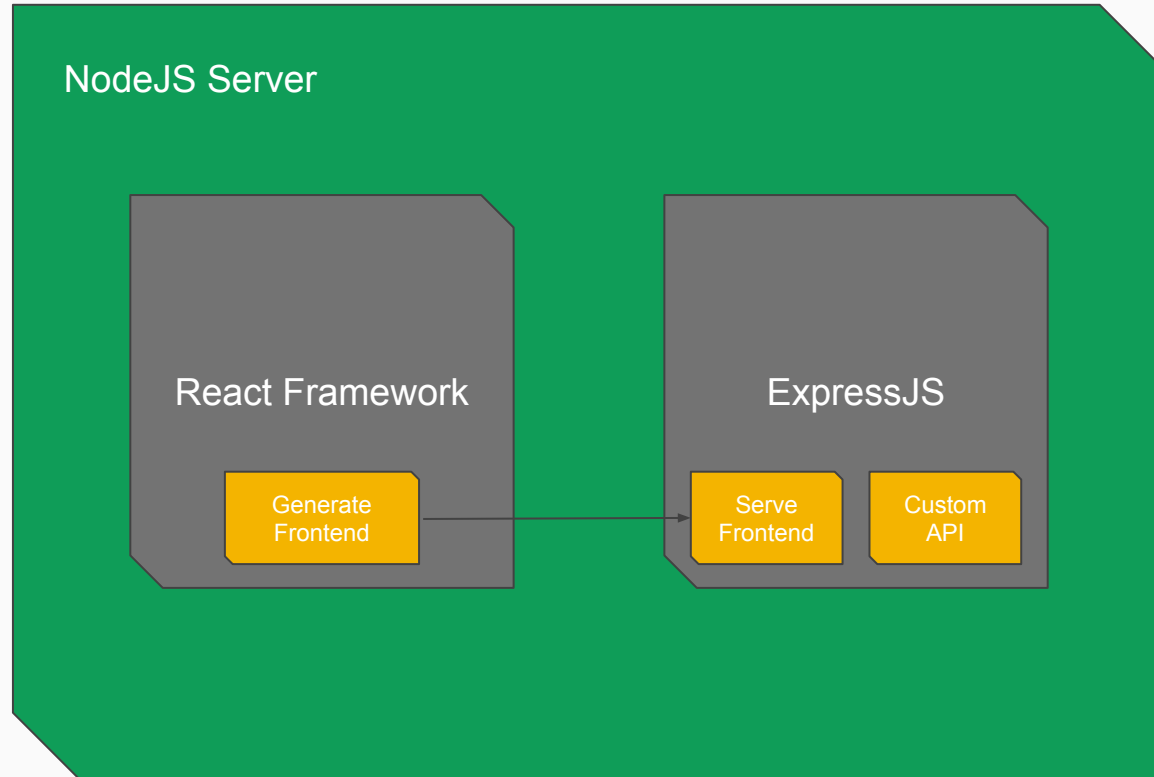
- As a user I want to be able to search for books.
- As a developer I want to implement a search page and system that matches DB for several attributes.
- As a user I want to be able to contact the person offering a book.
- As a developer I want to implement a chat feature in the page.

Architecture

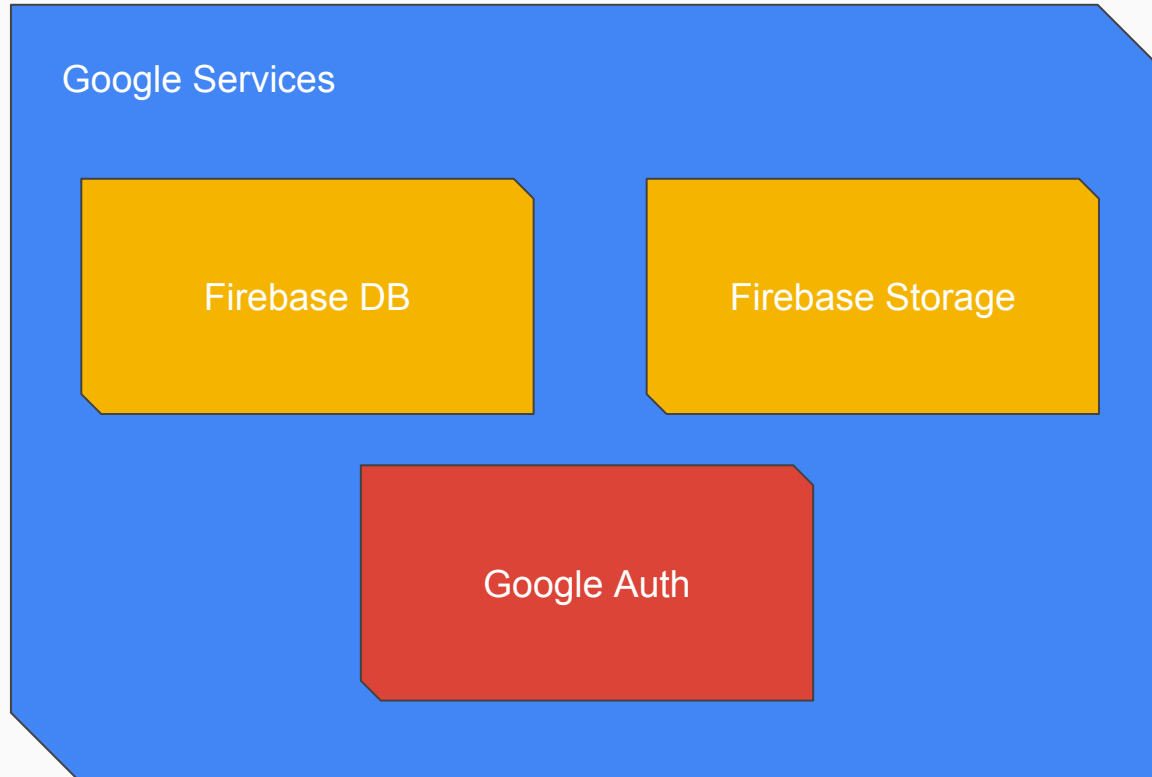
Overall view



Technologies



3rd party APIs



Management Tools

GitHub

Slack

Trello

Challenges

Challenges

New technologies

- Whole project is built in Javascript
→ Get everyone to learn Javascript ASAP.
- Not everyone in the group is familiarize with Node
→ Get used to Node environment.
- We've never worked with React
→ Understand React workflow.
- Most of us haven't worked with Express
→ Understand how Express manages HTTP.

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