

Team Number: 8

Team Name: Gr8 Team

Team Members:

- Daisy Flotron
- Cooper Jones
- Jonathan (Jack) Conser
- Justin Sperry
- Jean Eyeghe Obame

Application Name: Books4Bargain

Application Description:

We are planning to build a used textbooks buying and selling website for CU students. Students should be able to post their unwanted used textbooks for other students to buy at a significantly lower cost than the book store. Students will be able to list their old textbooks with the textbooks name, class, ISBN, purchase price, and sale price. There will be a comment section under the books where students can express how helpful the book is for the given class. Students can search needed textbooks by the books name, class, or ISBN. Students in need of textbooks not yet listed can generate a wanted posting for the books they need.

Our website will have a login and user verification so that students can pay and receive money directly through the website with their individual accounts. Credit cards and mobile payments such as apple pay will be accepted through the website. Both the buyer and seller must confirm the purchase before the transaction will take place.

Vision Statement:

For CU students who are in need of cheaper textbooks or needing to sell their textbooks with a quick and reliable way to find other students with the same needs. The Books4Bargain website is an online marketplace that benefits both the buyer and seller, allowing students to get more money back when selling the books opposed to selling them back to the school. Unlike buying and selling directly from Chegg/Amazon/Cu Bookstore, our product allows students with similar needs of buying and selling textbooks to connect quickly and locally with negotiable prices that benefit both parties, opposed to feeding the corporate giants.

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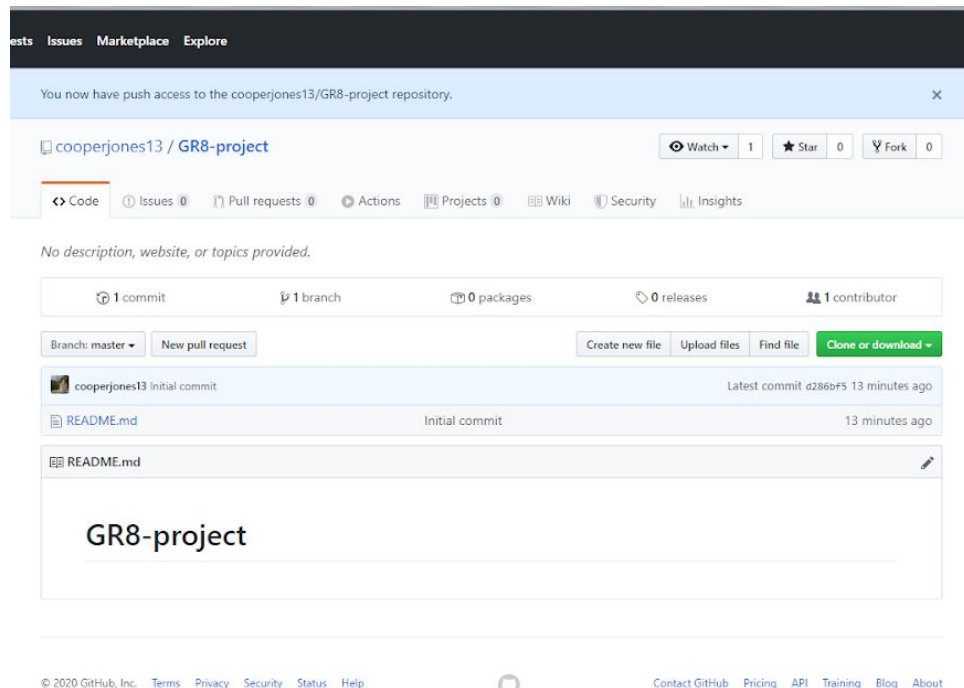
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Development Method:

Agile

Communication Plan:

Our team will communicate through Slack. This is where we will organize group meetings, share new ideas, update our progress, and express concerns. We will also communicate in person throughout the week.

Proposed Architecture Plan:

The backend architecture of our application will be using Firebase. Firebase is used for both the database and the user authentication through Google accounts. Front End architecture will be using React.js (Javascript and Typescript).

Meeting Plan: 2 hour face to face meetings on Tuesdays at 5 in the engineering center lobby.