

# Project Proposal - online bookstore

## Description

This document exists to describe an online e-commerce book store along with expectations about the development of the project. The store should exist so that registered users list, purchase, or sell books.

## Objective of project

This project should serve as a web-based solution for the sale and purchase of books. Users should be able to list and sell products, while also maintaining the ability to purchase listings from others. On top of this, moderation should exist to actively monitor for scams or bot listings. The product should perform efficiently, and be visually appealing. Deadlines should be met in a reasonable manner, and the final product should be delivered within the timeline.

## Project scope

As mentioned, this project should allow for the creation and listing of book products. Users should be able to create accounts and log into those accounts at any time in the future. It should allow for searching and displaying listing products in a user-friendly way, and allow anyone to purchase books. Any confidential information, such as financial information and passwords, should be securely stored and inaccessible to those who do not need such information. Transactions should be handled, and a small fee should go to the stakeholders upon a sale.

The project should NOT allow for the sale of products outside of books. Although a search bar will be present, filtering merchandise and searches should not be necessary. The site should account for payments in the United States (USD), and should not accept purchases in foreign currencies.

## Project Timeline

The project should Begin on September 5th, and end around December 5th, taking a total of 3 months. Every other week, a meeting should be held to discuss steps taken throughout the week, and overall progress on the overall project / certain features represented as a percentage. Proof of effort should also be provided, by showing hours spent on specific features, along with demos to show progress towards the final product.

## Risks

There are some risks in the development of this project. A major one is security; confidential information should be considered at every step, to prevent the gathering of private information, and if data is leaked there could be fines to pay for the damages.

If any products provided by third-party services are used, the risk of them going down increases the chance of this product failing and should be used as minimally as possible.

If the product is not delivered on time, the finances of this project could become tight, as profits will come in later than expected, and paying for labor will continue later than expected. If labor leaves the developing company, the project can fall behind significantly, and another company may need to be considered for developing the website.

## Brief Evaluation of Success Criteria

This project should be up and deployed by the end of the development timeline provided above. It should consistently be up and running, and perform in a way acceptable to users. Information should be secure, and users should trust the platform with private information. Revenue should be generated, and costs should not rise dramatically throughout the development cycle. If these goals are achieved, the product can be considered a success.

## Conclusion

To conclude, we want a secure website for the sale and purchase of books. We expect delivery of the product within 3 months of Sep 5, and we expect careful consideration of the risks associated with the project so that the project is more likely to succeed.