

# Gutenberg Senior Design Project Proposal

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## Problem

We wish to assist the Gutenberg Foundation in fixing existing problems and implement new features on their open source free E-book platform. There are two main user stories that we will be targeting:

1. A session based implementation to store bookshelves and reading lists in a users browser without authentication.
2. Bookshelf management app that allows admins and managers to create/modify/delete the books available to users on the Gutenberg project site.

## Timeline

Dates	Milestone
09/14/20 - 9/21/20	Review Technical Specs, existing code/documentation, and implementation goals for deeper understanding of technical aspects of problem
09/25/20	Deliver implementation plan and user stories for dev team to iteratively implement; allowing the dev team to reevaluate any cases.
09/28/20 - 04/30/21	Main Development Period: Iteratively develop user stories several sprints. Demo new features at the end of sprints for feedback.
04/30/21	Final demo of new features
04/30/21 - 05/14/21	QA period to resolve issues and bugs. Final preparation for product release

\*Dates/Milestones are tentative and subject to change.

## About Our Team

Adam Undus - Most of my experience is in web development as I have worked on two teams with web facing applications. I have experience in Node.js with several database implementations, both cloud based and on prem. Overall experienced in both frontend and backend web facing development, and excited to take on this new challenge and learning experience.

Liam Nagel - I have a fair amount of experience in web development from Web programming 1 and 2 both resulting in full web apps for the final project. I've worked with a good number of web technologies and I am looking forward to working with the new technologies we will be using for this project.

John Dyer - I have taken a database class and am currently in a web programming course. I have also done work on the database structure of an app project using Node.js. I have not yet worked with cherrypy but am excited to learn a new method of database management.

Damon Del Priore - My light experience in web development stems from my computer science curriculum. After taking web development and database courses, I have felt passionate about the designs of web pages. In past projects, I have been less active in programming outside of Java or C++, but I am prepared and excited to be working with a new database.

Anthony Ciccone - My experience is mainly in web development, as I took both Web Programming 1 and 2. Stevens has us take many different classes for our major, that introduces us to a wide variety of topics and languages. I may not, currently, be confident in the skills needed for this project. After putting in time to familiarize myself and learn more, I believe that I'll be a great fit for this team/project.