

PROJECT PROPOSAL: GROUP 3 – ANNOTEXT

COMP 496: SENIOR DESIGN II

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1 MEMBERS

1. Tiara Bell, Front-end Developer and UI/UX Designer
2. Patrick Crump, Jr, Technical Lead and Back-end Developer
3. Myles Neloms, Scrum Master and Back-end Developer

2 PRODUCT DESCRIPTION

Often times when students are searching for cost-effective solutions to buying textbooks for class they look towards used books. These books sometimes contain notes from other students who previously used it. As one of those students, I found some of these notes extremely helpful and often added a few annotations of my own. Since we're in a more digital age and most textbooks are available in a pdf format, we figured it would benefit students to have this available in this format as well. We're proposing a web application that allows students to annotate free pdfs of textbooks in a collaborative environment.

3 PRODUCT SCOPE

We're working on a web application that utilizes real time collaboration that allows for account creation to access the service. It also utilizes database management to keep track of textbooks. We're also looking to host all of this on our own cloud server.

4 PRELIMINARY PRODUCT REQUIREMENTS

We propose the following requirements, which encapsulate our product. [You must have at least 7 requirements, of which 5 are functional requirements and 2 are non-functional requirements. You must make the case that one of your functional requirements is a key innovation not currently solvable.]

Functional Requirements

1. More than one student can add annotations at a time
2. User can rate different annotations (good or bad) based on their quality and usefulness
3. User can add comments/annotations/notes (text)
4. Maybe: Connect via a server
5. User should be able to create an account for access
6. User should be able to turn annotations on and off from view
7. Maybe: The ability to comment on other users' annotations

Non-Functional Requirements

1. Availability, Needs to be functional 24/7/365
2. Scalability, needs to allow room for growth in users