



VENTURE INITIATION

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T138

PROJECT OVERVIEW

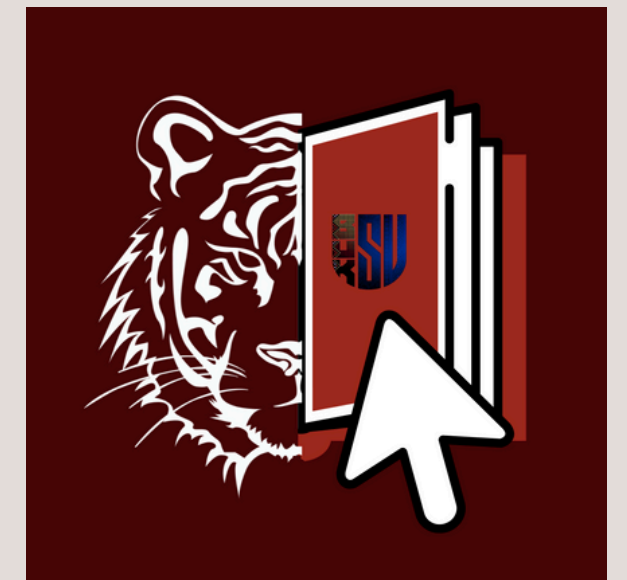
PROJECT NAME: BUKSU COT: THESIS REALM

TYPE: WEB-BASED PLATFORM

DESCRIPTION: A secure, searchable thesis repository with role-based access for students, teachers, and administrators

KEY FEATURES:

- Secure login and signup (with institutional email)
- Thesis library categorized by program/year
- Search and filter by keywords, author, year
- Bookmarks and annotation
- Discussion forum for academic collaboration
- Admin dashboard for content management
- Offline access to saved resources



PROBLEM:

Many students encounter challenges when it comes to formulating a thesis title and finding relevant thesis studies, ideas, inspirations, and references.

SOLUTION:

BukSU COT: Thesis Realm is a user-friendly app supporting students in their academic pursuits, especially in research, capstone, or thesis projects. It simplifies access to a wealth of academic knowledge from previous theses, offering inspiration, methodology references, and insights into specific topics. It provides valuable access to a vast collection of theses from Bukidnon State University's College of Technology. ■

5 WHYS

1, Why do they have difficulty accessing thesis references?

→ Because there is no centralized and organized digital repository available.

2. Why is there no digital repository?

→ Thesis records are stored physically or in scattered formats.

3. Why are they not digitized or centralized?

→ Because there is no system in place to collect, store, and manage them.

5 WHYS

4. Why hasn't a system been created yet?

→ Because of limited initiatives or resources dedicated to digitizing these works.

5. Why are there limited initiatives?

→ Because of the lack of awareness of how a system could benefit both students and faculty.

Root Cause: Lack of a centralized, accessible platform for students and faculty to manage and reference theses.



TARGET AUDIENCE:

IT students and faculty of Bukidnon State University – College of Technology.

EXISTING SOLUTIONS:

Physical library logs, unorganized PDFs, or informal sharing through messaging platforms.

MARKET TRENDS:

Increased demand for academic digital repositories and knowledge-sharing platforms in higher education.

3 QUESTIONS

1. WHERE IS THERE AN UNMET NEED WE CAN FULFILL?

→ Students need better access to academic research materials.

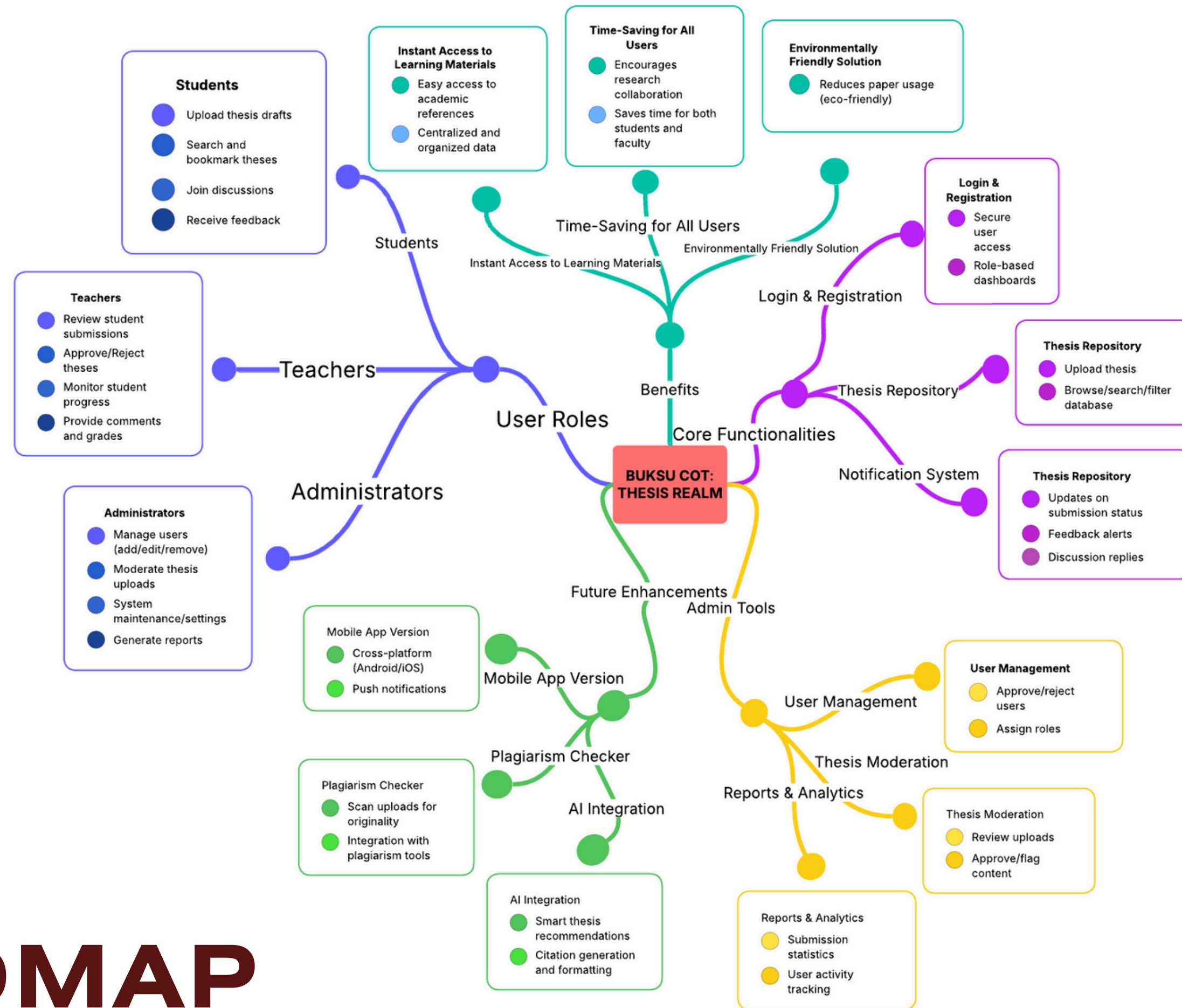
2. WHAT DO OUR CUSTOMERS REALLY WANT, NEED, OR DESIRE?

→ An organized, searchable, and secure platform to access and share academic research.

3. IN WHAT WAYS CAN WE TURN THIS CHALLENGE INTO A GOLDEN OPPORTUNITY?”

→ By creating a platform that not only solves the access issue but also promotes collaboration and academic excellence.

MINDMAP



ORAPAPA MODEL

OPPORTUNITIES	RISKS	ALTERNATIVES	PAST EXPERIENCE
 <p>To create a centralized online platform for storing, uploading, and managing thesis documents by students, faculty, and administrators of BukSU College of Technologies.</p>	 <p>Data privacy issues, user adaptation challenges, server downtime, and cost of maintenance.</p>	 <p>Continue manual process, use shared folders (e.g., Google Drive), or adopt third-party systems.</p>	 <p>Manual submissions cause delays, lost files, and untracked feedback; students prefer automation.</p>
ANALYSIS			
PEOPLE	ALIGNMENT		
 <p>Digital system reduces time and errors; viable with basic infra (XAMPP, PHP, MySQL).</p>	 <p>Involves students, faculty advisers, IT staff; students are tech-savvy, faculty need onboarding.</p>	 <p>Supports BukSU's push for digital innovation, sustainability, and academic integrity.</p>	

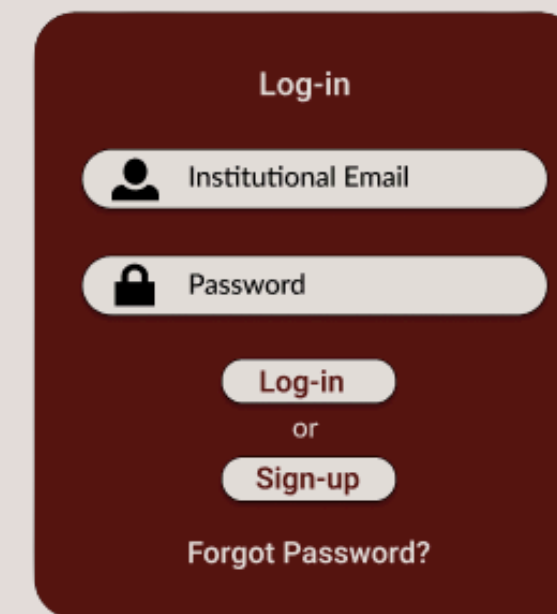
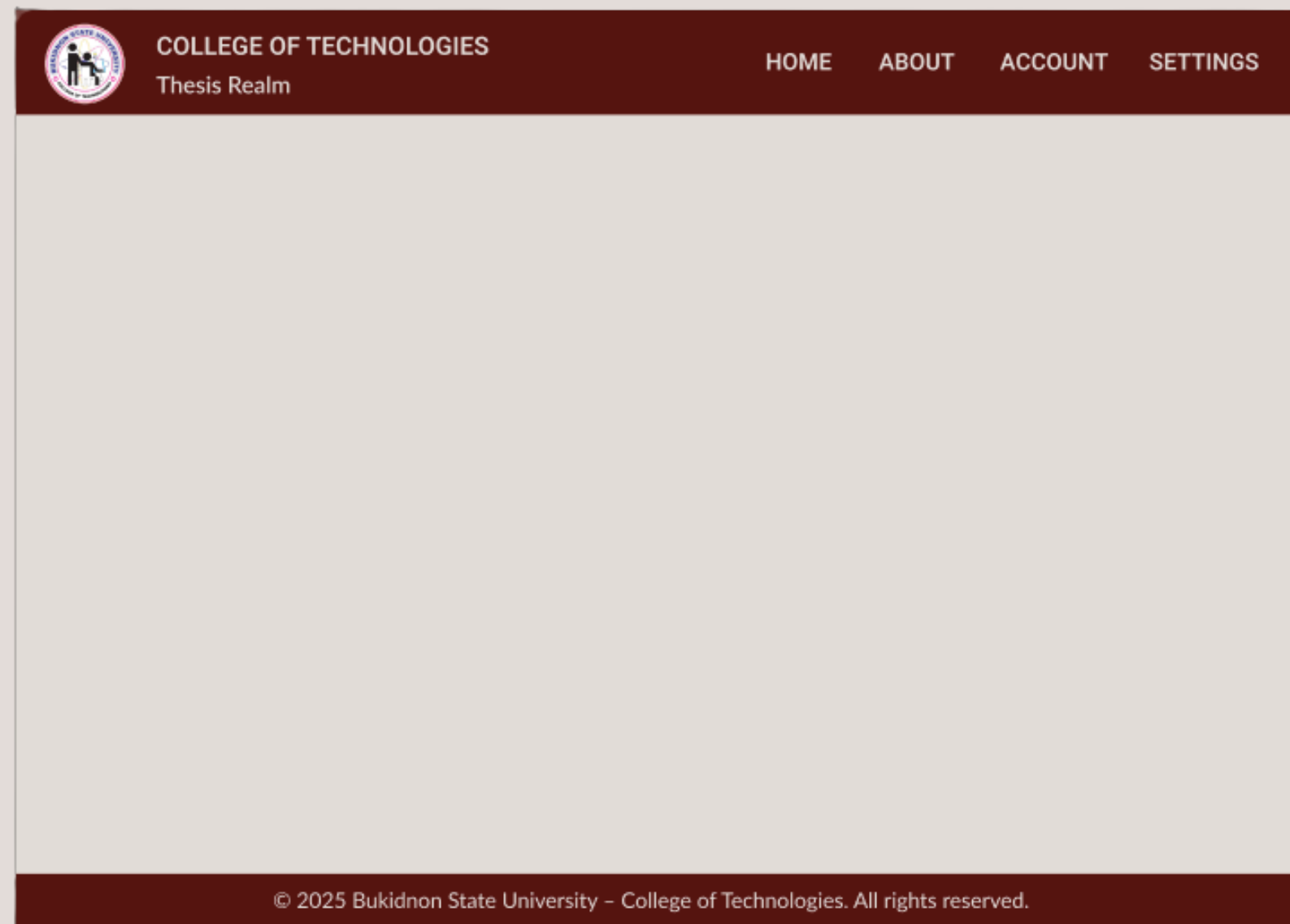
PROJECT RESOURCES

	Details
Technology	HTML, CSS, JavaScript, PHP, MySQL (via XAMPP)
Tools	Figma (UI design), GitHub (version control), VS Code
Expertise	Web development, Database design, UX/UI design

DEVELOPMENT PLAN

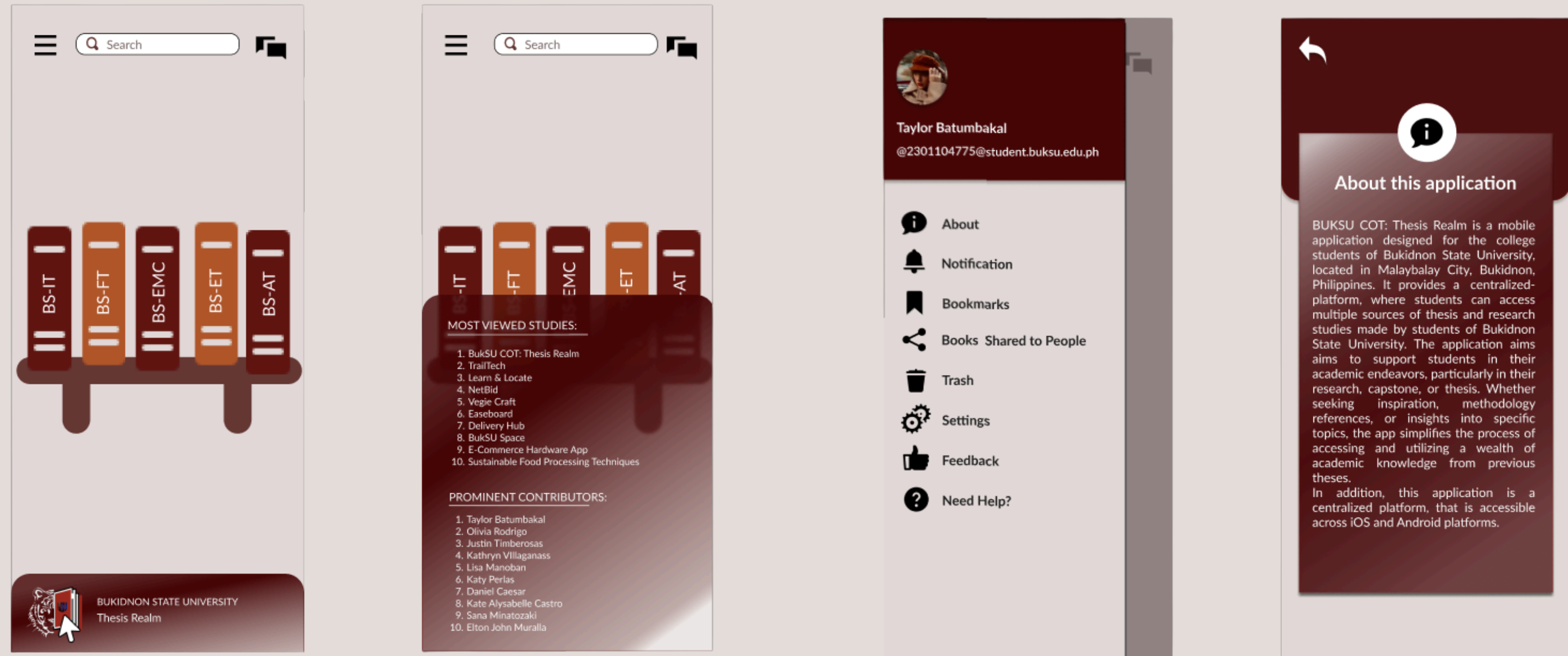
Tasks	Duration	JAN	FEB	MARCH	APRIL	MAY	JUNE
Phase 1: Research and Design	1 month						
Phase 2: Development	3 months						
Phase 3: Testing and Documentation	1.5 month						
Phase 4: Presentation and Deployment	1 month						
Total Duration:	6.5 months						

INITIAL WEB PROTOTYPE:



<https://www.figma.com/design/sdORCMj24CQ8rgLFyGtKIW/COT--Thesis-Realm--FINAL-?node-id=0-1&t=LFpnvK7tl8IfBHMM-1>

INITIAL APP PROTOTYPE:



<https://www.figma.com/design/sdORCMj24CQ8rgLFyGtKIW/COT--Thesis-Realm--FINAL-?node-id=0-1&t=LFpnvK7tl8IfBHMM-1>

Meet the Team



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