

A stylized illustration of a desk setup. In the center is an open laptop with a teal screen and a dark keyboard. To the left of the laptop is a stack of three books with teal, orange, and teal covers. Below the books is a potted plant with long, pointed leaves in shades of teal and orange. To the right of the laptop is a teal pen holder with a pink base, containing three pens in orange, teal, and orange. Above the laptop is a teal folder or notebook with a white border and a pattern of small white crosses. In the bottom right corner, there is a small illustration of a computer monitor displaying a pink and teal interface.

PROJECT CONTEXT

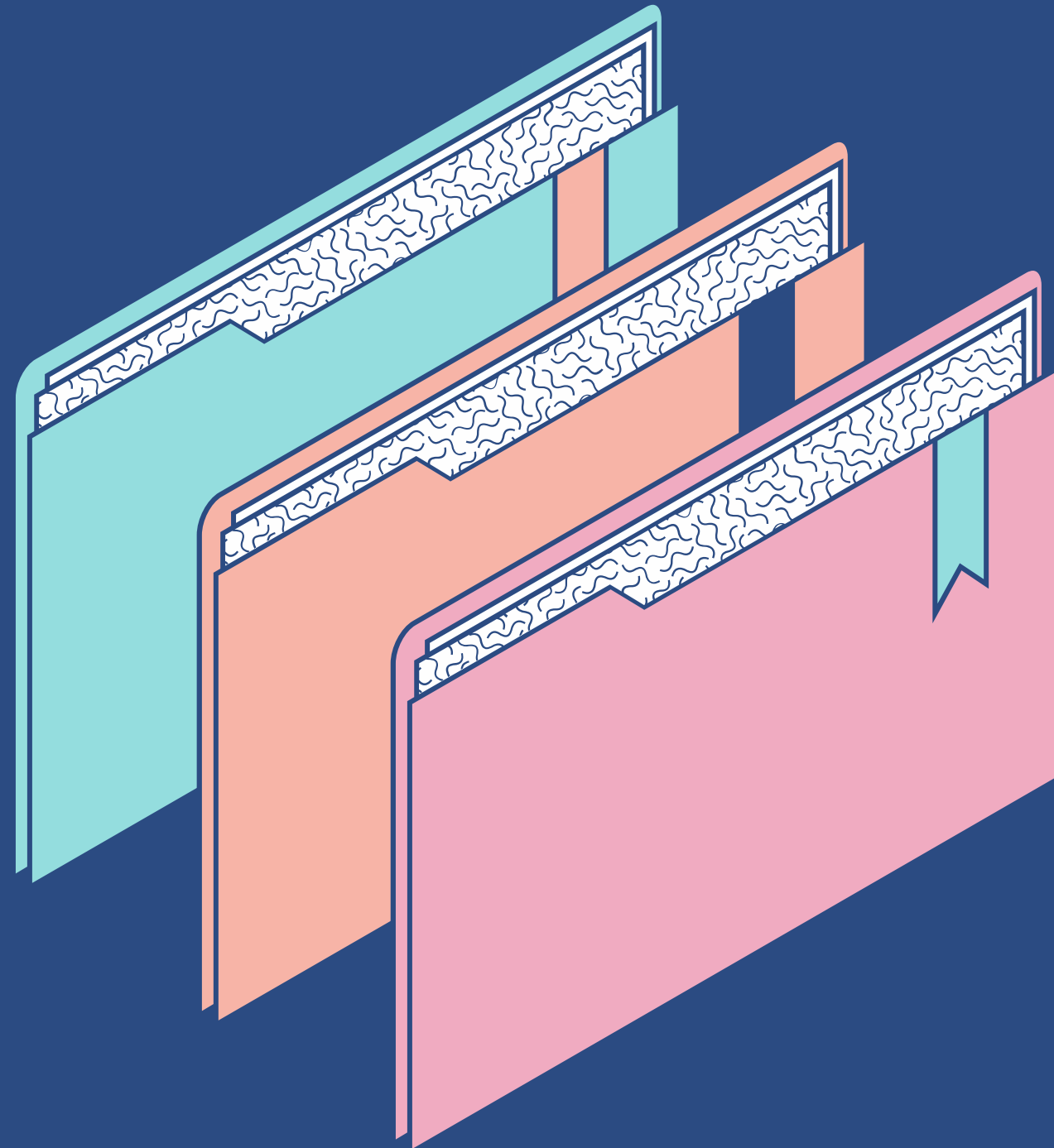
EduVault: A Centralized Repository Management Portal

Developers:

Lead Programmer: Andaya, John Lender

Lead Data Manager: Conde, Edwin II

Lead Documenter: Iraula, Aries



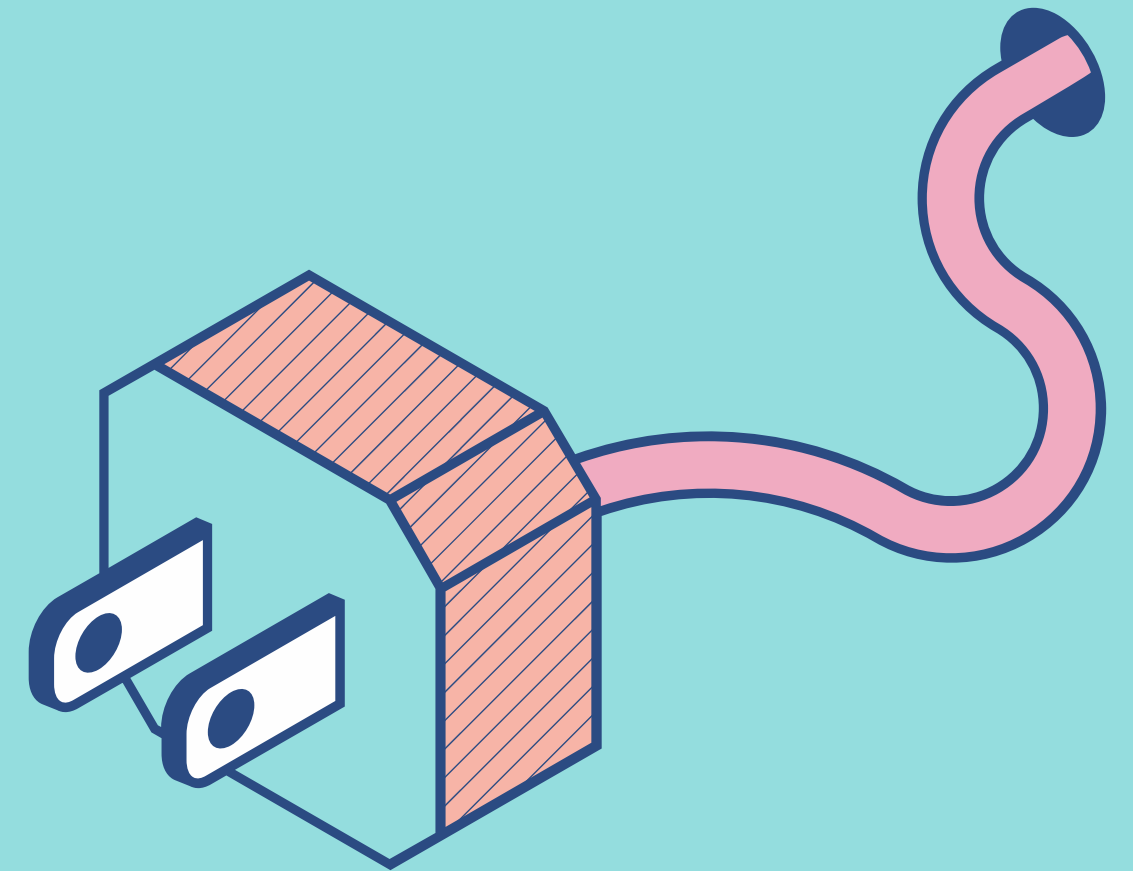
Agenda

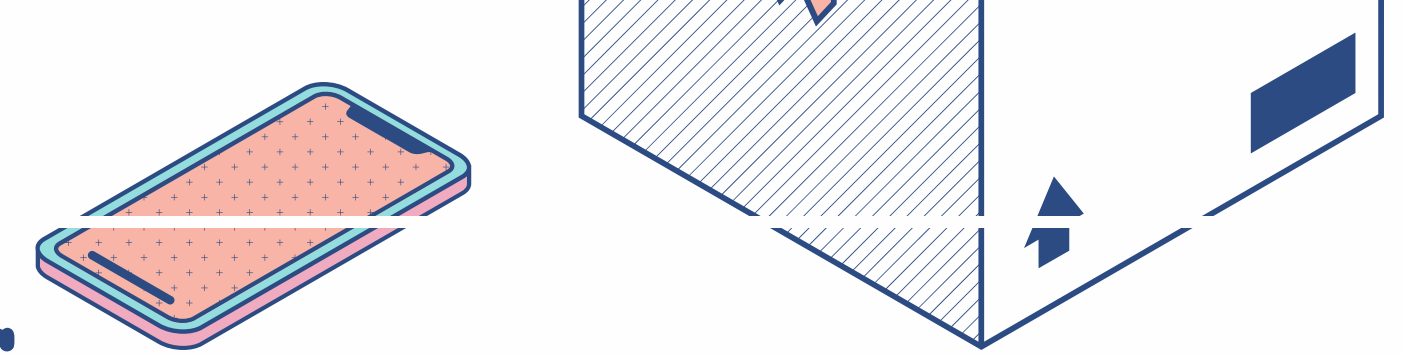
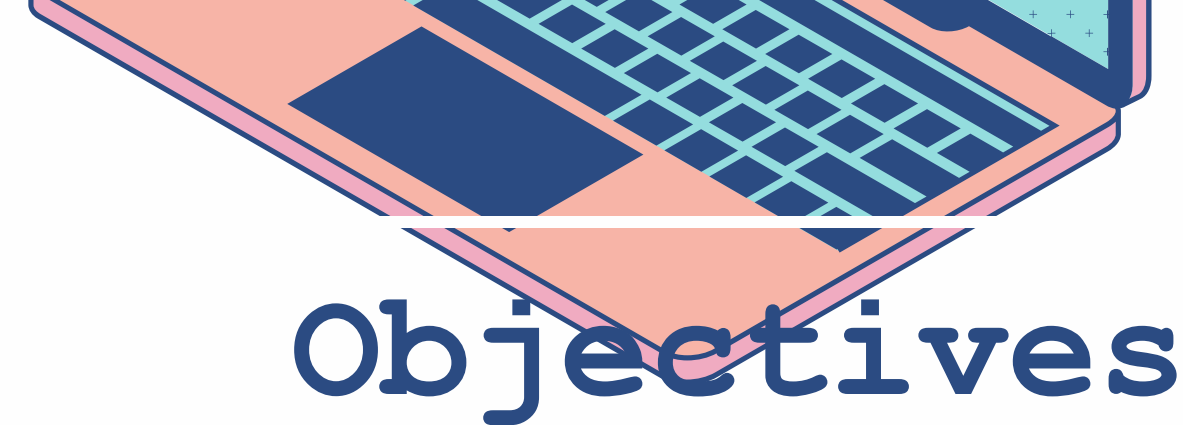
KEY TOPICS DISCUSSED IN
THIS PRESENTATION

- Introduction to Eduvault
- Purpose and Objectives
- Tools requirements
- Functional Diagram

What is EduVault System?

Eduvault is a centralized repository platform of the university's academic records of all academic files (course outline, syllabus, PDF's, researches, instructional materials, and references).





- To help the university have a centralized platform of their academic files
- To help students have an easy access to all instructional materials, researches, acknowledge graduated students researches.
- To help graduated students get a reviewer for their incoming board exams

1. To Identify and Gather Requirements To identify and gather comprehensive requirements materials for accessing, organizing, and managing learning materials within a centralized academic repository platform.
2. To Design a User-Centered Platform To design an intuitive EduVault platform interface that follows Jakob Nielsen's 10 general principles for interaction design, ensuring optimal user experience and incorporating analytics dashboards for institutional monitoring.
3. To Develop a Centralized Academic Repository To develop a robust web-based platform that enables permanent storage and preview of learning materials with institutional email authentication and integrated analytics capabilities for monitoring research patterns and student progression.
4. To Test and Evaluate System Performance To thoroughly test and evaluate EduVault's functionality and usability through comprehensive system testing and user acceptance testing with CBM stakeholders to ensure smooth operation and resolve any technical or design issues.

Tools Requirements

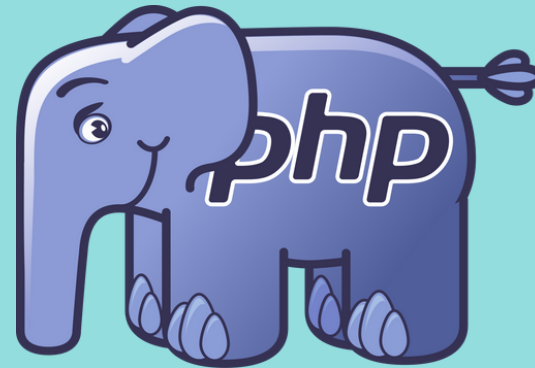
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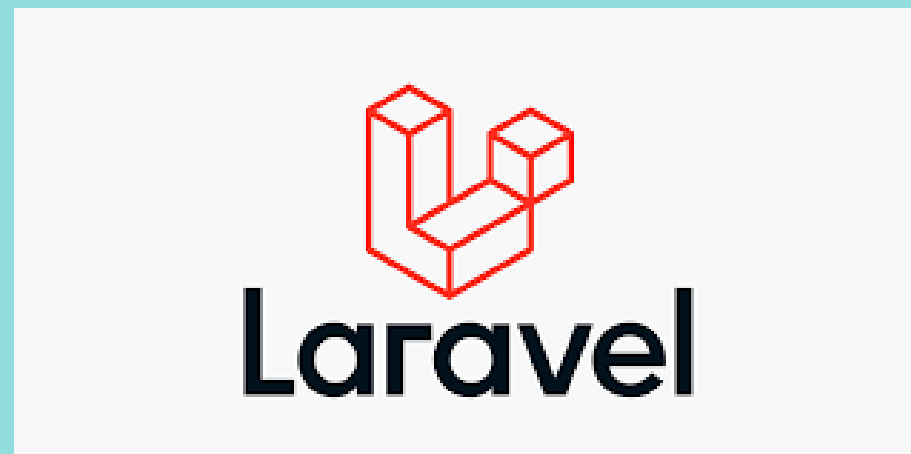
CSS



Front-end



Back-end



Framework

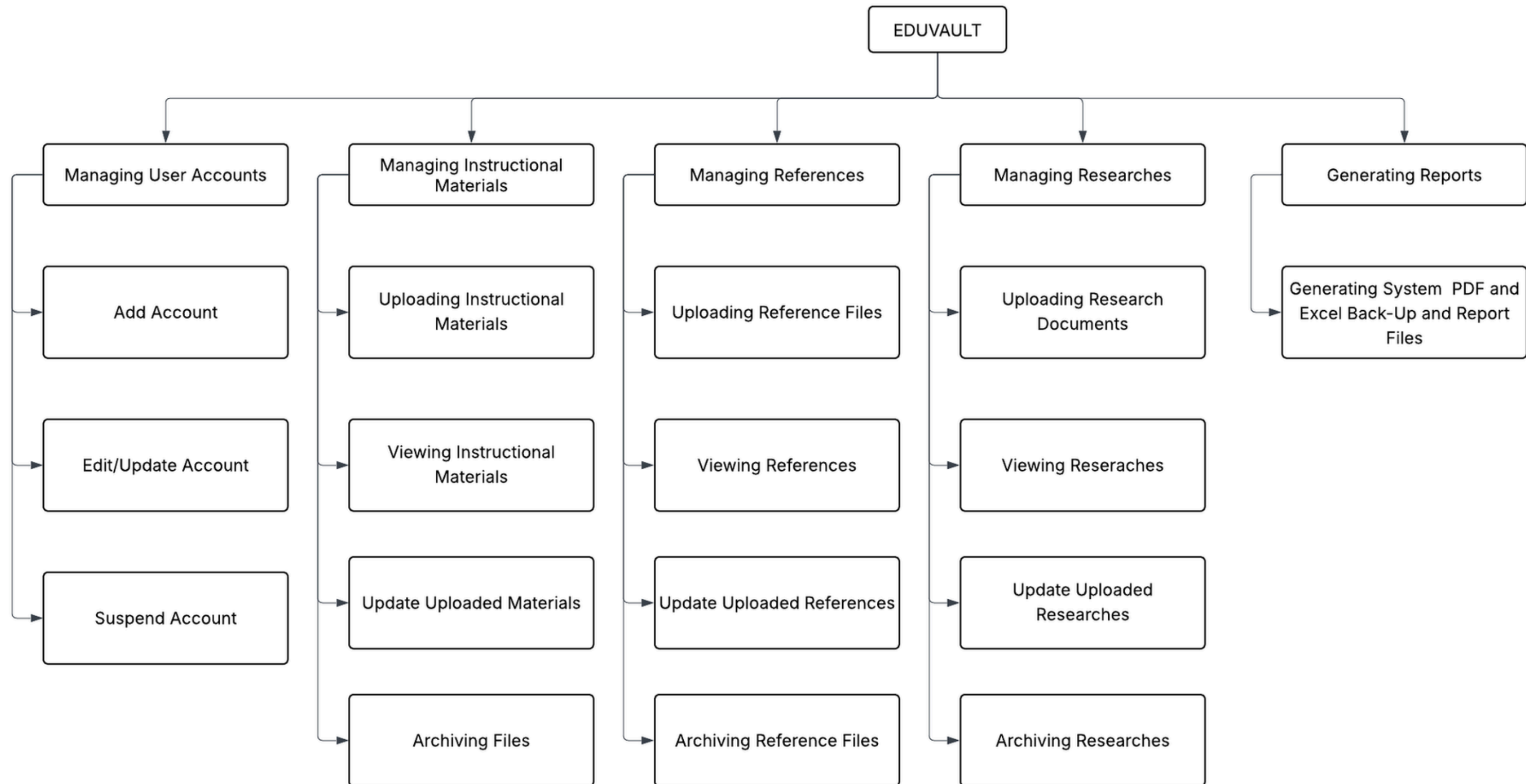


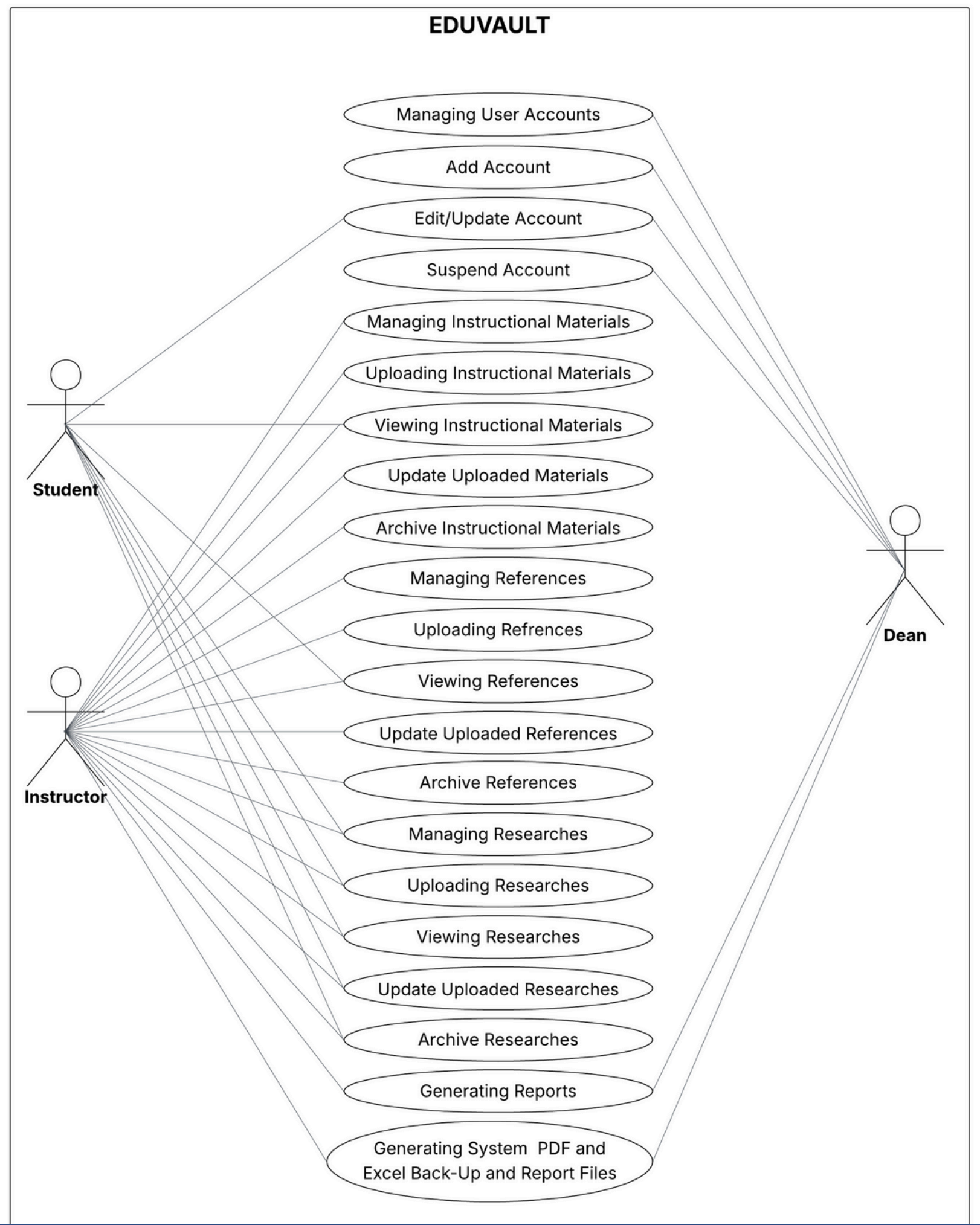
IDE



Version Control

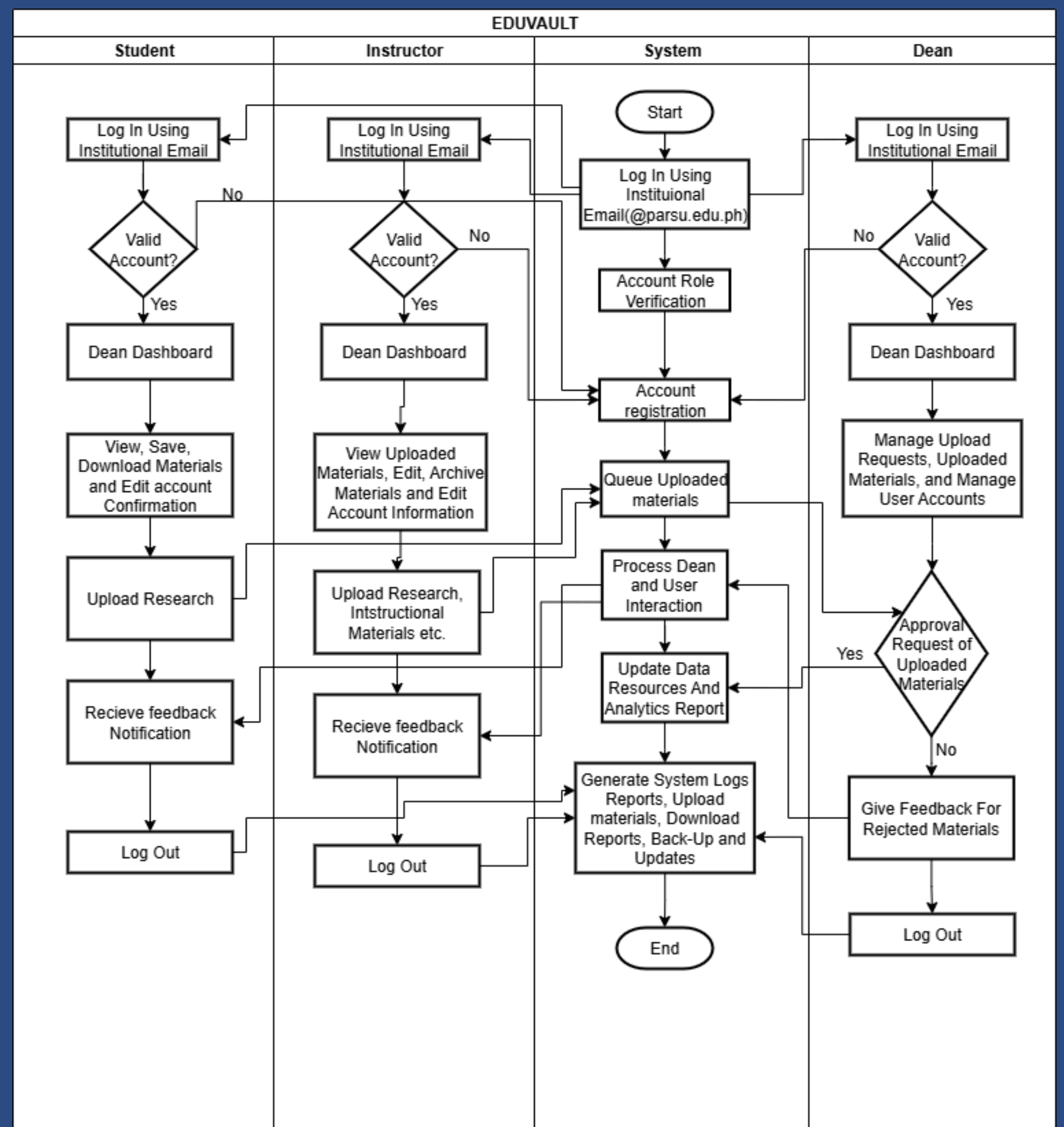
FUNCTIONAL DIAGRAM



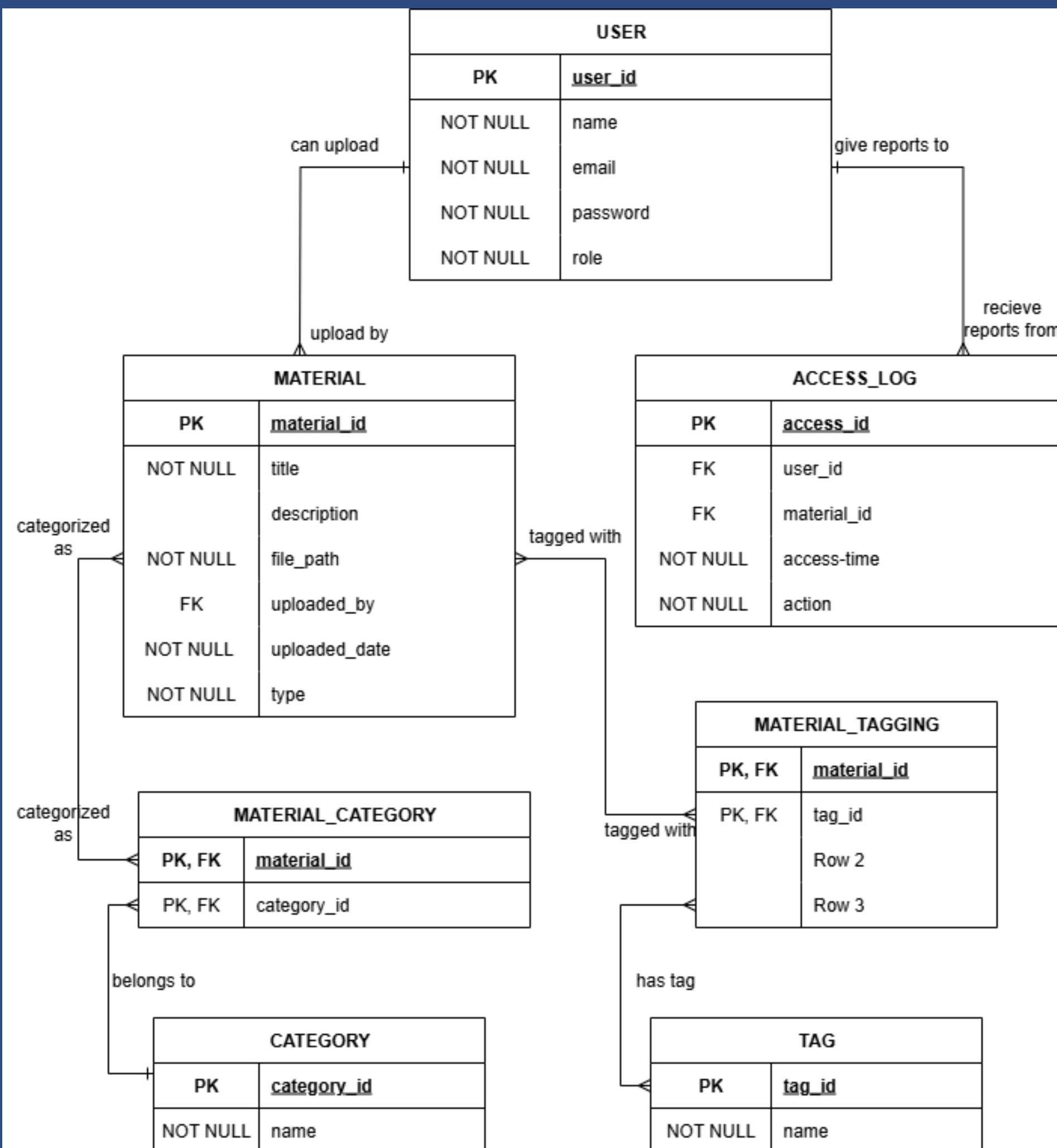


USE CASE DIAGRAM

SWIMLANE DIAGRAM



ENTITY RELATIONSHIP DIAGRAM





Suggestions and Revisions

EduVault was initially proposed as a simple archiving system with role-based access limited to students and faculty. However, following the suggestions of Mr. Salvador V. Briones, the concept evolved into a university-based knowledge management portal with added features such as data analytics and graphical reporting.

Additionally, based on the recommendations of Mr. Froiland and Mr. Briones, the platform was expanded from handling PDF archives to a more inclusive system. It now supports the storage and access of various instructional materials (such as syllabus, PDFs, and reports), as well as references and student thesis/research outputs, making it a more comprehensive and functional academic repository for both students and instructors.

Thank You!!!