

Product Vision

StudyShelf: Classroom Resource Sharing Platform

Problem Statement

Teachers and students face struggle with collaboratively accessing and sharing high-quality class slideshows, study materials, textbooks, and other educational resources.

For example, in Metropolia UAS, only teachers have the ability to upload learning materials to OMA, while students have to upload materials through third-party applications (WhatsApp, Discord). Teachers are typically not present in there and therefore cannot evaluate or rate the quality of shared learning materials.

On the other hand, students don't have a meaningful way to give public feedback on how understandable or useful the materials by teachers are. Additionally, other similar platforms (such as Moodle) have been criticized for their frustrating user interface.

Target Audience

Our product is designed for both teachers and students. Students need a centralized application to share learning materials with each other. Teachers need to have capability to evaluate and rate the quality of student-shared materials and power to moderate and control the quality of educational resources.

Value Proposition

Our product offers a centralized and collaborative platform for teachers and students, providing users with high-quality, easily shareable study materials with a reliable rating and reviewing system. The product will surpass existing solutions in terms of user friendliness and efficiency.

Key Features and Functionality:

- Holding resources: Users can upload appropriate files (slideshows, documents, images, etc.) to the service, as well as access and download the files uploaded by other people.
- Reviews and ratings: Users can receive both numeric (scale of 1-5) review scores as well as attached text comments on their resources. The reviews and ratings are

public, ensuring that users can easily see how their peers have reviewed the quality of the resource.

- **Categorization:** Resources are categorized by specific courses, as well as labelled by multiple general tags. The user uploading resources gets to decide the tags they want associated with the resource.
- **Search:** In addition to links, users may search for resources by tags, course, author or title. The search interface also provides the ability to sort the search results by different metrics (for example by upload date, review score or amount of reviews)
- **User Authentication:** Users create their own profile and their name is attached to the reviews they leave and the resources they upload, allowing transparent communication between the users

Goals and Objectives

- Developing a fully functional resource sharing application with an easy-to-use interface
- At the end of the production, the platform should have 100% of the planned features (Reviews and ratings, Categorization, Search, File Upload/Download, User Authentication)

Vision Statement

Our vision is to create a collaborative educational application, that lets both students and teachers share and validate helpful learning materials. We aim to make both finding and uploading educational content easy, as well as encourage collaboration between students and teachers in reviewing each others' materials.