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1 Vision

1.1 Introduction

Our goal is to make an interactive document sharing system, Slice of Pie, which allows multiple users to share and edit documents both online and offline.

1.2 Problem statement

Sharing and editing documents can be cumbersome.

Sending a document back and forth between multiple users can lead to a lot of errors. Users can overwrite what another user has done, and if they aren't all using the same text editing system this can lead to formatting issues in the document.

1.3 Summary of system features

1. Multiple users must be able to share and edit documents online.
2. Synchronization for offline usage.
3. Merging of documents.
4. History. Which allows the user to see all recent changes made to the document.
5. Documents can be categorized into folders or projects in order to get a better overview when working on a larger project with multiple files.

2 Use cases

1. UC1: Create new document
2. UC2: Edit document
3. UC3: Delete document
4. UC4: Merging documents
5. UC5: Offline sync
6. UC6: New folder
7. UC7: New project
8. UC8: Find old version of document

3 Glossary

4 Supplementary Specification (FURPS+)

- Functionality
 - The system must be able to store documents.
 - The system must support multiple users.
- Usability
 - The system must have a clean and simple user interface.
 - Users must be able to use the application without training.
 - System features must be simple and straight forward. No complicated work flows.
 - The overall system must be easy to use. 8 out of 10 users must be able to use the system without any training.
- Reliability
 - The system must be able to restore it's state in case of a server failure.
- Performance
 - The system must be fast and responsive. A request to the system can't take longer than 3 seconds. (not counting the external internet connection)
- Supportability

5 Revision Table

Table 1: Revision Table

Revision	Changes	Section
21-11-12	Created Vision	1
21-11-12	Created Use cases	2
21-11-12	Created Glossary	3
21-11-12	Created Supplementary Specifications	4