Note Pond
Software Requirements Specification

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1. SRS Revision History

Date	Author	Description
5/16/23	CV	Deleted old content
5/16/23	AD	Added initial entries

2. The Concept of Operations (ConOps)

2.1. Current System or Situation

Students face challenges in accessing and organizing course-related notes. Relying solely on personal notes is limiting, leading to time-consuming searches and information gaps. The absence of a centralized platform for sharing and collaborating on notes

hinders access to different perspectives. An ideal note repository app would provide a user-friendly interface for uploading and downloading notes based on classes and topics. Tags or labels would enable quick retrieval, fostering a collaborative environment for sharing and discussions. The current system lacks efficiency and centralization. A dedicated note repository app would streamline note access, promote collaboration, and enhance the learning experience..

2.2. Justification for a New System

The need for a new note app system arises from outdated methods of note-taking and organization. Existing approaches fail to meet the evolving needs of students, hindering efficiency and accessibility. A centralized note app would enable collaborative learning, allowing students to access a wide range of notes, alternative explanations, and diverse insights. With streamlined search capabilities and effective organization through tags or labels, the new system would save time and enhance productivity. By fostering collaboration, the app would promote interactive learning and a dynamic knowledge-sharing community. Overall, a new note app system is justified to improve efficiency, accessibility, collaboration, and the overall learning experience.

2.3. Operational Features of the Proposed System

Features would include an intuitive user upload/download user face as well as custom filtering based on tagging for topics and classes. Viewing the notes will allow the en user to find targeted notes quickly and easily. Along with note upvoting to allow other users to identify what notes were most helpful.

2.4. User Classes

2.5. Modes of Operation

2.6. Operational Scenarios (aka “Use Cases”)

3. Specific Requirements

3.1. External Interfaces (Inputs and Outputs)

Upload/Download Notes:

1. Purpose: Allow the user to upload there notes so that they can be viewed by other users
2. Source of input/source of output: The user will upload notes and label them with tags. The output will be the notes of other users.
3. Valid ranges of input/output: the users will make a reasonable amount of data and a reasonable number of tags

Search for notes:

1. Purpose: user will be able to search for notes based on tags .

2. source of input/source of output: The user will use a search bar to look for relevant tags. the output will be the search results that the user can view.

3.2. Functions

1. check for valid results: make sure that there are not more than one tag.
2. search: be able to search for notes based on tags.
3. error recovery: errors on any given page will be redirected back to another page.

3.3. Usability Requirements

Users will be able to upload and tag a variable number of notes. Users will be able to download notes into a zipped folder.

3.4. Performance Requirements

Users will be able to use the website without significant loading of results, especially in search.

3.5. Software System Attributes

The software must protect the privacy of users.

4. Acknowledgements