Proof of Concept Design

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1   User Stories

1. As a student I want to be able to take notes on the web page itself so that I don't have to switch between notes and my page

2. As a student I want multiple people to be able to make notes on the same document so that I can collaborate and discuss with others

3. As a student I want to be able save my notes so that I have local backups of them if anything happens to Hypothes.is or the websites I am taking notes on

4. As student I want to be able to save multiple annotations that I make on the one web page so that I am able to keep all related notes together

5. As student I want to rename my saved files so that I can easily know what each file contains

6. As student I want to clean the annotation information that I save so that I can clearly understand it

7. As student I want to be able to clean multiple annotations at once so that I don't have to waste time going through the process for each note I make on a document

8. As a student I want to be able to keep copies of the original text file so that I can refer to it if the reformatting process ever has unexpected results

9. As a student I want to be able to do some basic analysis of my notes so that I know what the content of my notes are at a glance

10. As a as a student I want to be able to search my notes by their tags so that I can find notes on similar topics

2 Categorisation

- User stories 1-2 are about the actual note taking process. These User stories must be fulfilled first so that I am able to start on the next steps.

- User stories 3-5 are about the process of exporting and saving my notes from hypothes.is. A prerequisite of this step is that I am able to actually take the notes on hypothes.is. This step must be completed before I am able to move on to reformatting and analysis of my notes.

- User stories 6-8 are about reformatting the annotations. A prerequiste of this step is that I have notes saved in their original form which can be reformatted. I must perform this reformatting before I am able to usefully analyse my notes.

- User stories 9-10 are about the analysis of the notes. These are the user stories that I will focus on last once I am able to save my notes into a readable format. While the analysis of my notes would make this tool more impressive, it is not core to it being successful. My focus will mainly be on saving my notes in a readable format.

3 Acceptance Criteria

1. As a student I should be able to:

   - Open a web page
   - Turn on hypothes.is
   - Make notes on the web page
   - Highlight sections of interest
   - Be able to see my notes as I scroll through the web page

2. As a student I should be able to:

   - Open a web page
   - Turn on hypothes.is
   - See on the web page if any public notes have been made by other people on the web page

3. As a student I should be able to:

   - Indicate a particular annotation
   - Save the annotation as a local file

4. As a student I should be able to:

   - Indicate a web page

- Save all public annotations on that web page

5. As a student I should be able to:

   - Indicate a file I wish to rename
   - Indicate what I want the file to be renamed as
   - Rename the file

6. As a student I should be able to:

   - Get rid of text sections of the annotation information that are irrelevant
   - Keep section of the annotation information such as the URL, the note I took, and the text the note was about
   - Separate out the information so that each section is on its own line

7. As a student I should be able to:

   - Repeat the actions of step 6 for each separate note taken on a web page

8. As a student I should be able to:

   - Save a separate copy of the original annotation information
   - Name the file something different but similar to the end result

9. As a student I should be able to:

   - Produce a list of most common words used in the annotations
   - Save this list either in a new file or at the end of the cleaned annotation file

10. As a student I should be able to:

    - Search specifically by tags of notes
    - List documents that use the tags searched for