**Definitions, Acronyms, and Abbreviations**

|  |  |
| --- | --- |
| Night mode | Presentation with black background and white text |
| Day mode | Presentation with white background and black text |

**Functional Requirements**

1. The User shall be able to view able to view and categorize their documents in the app

1.1 The User shall be able to import .txt and .pdf files from the downloads folder

1.1a Importing will create a copy of the book for the app to use in a local directory. This will take more memory, but is easier to handle than navigating to the downloads folder to access each book

1.2 The User shall be able to delete books from the app. This will delete the copy of the book and any notes/bookmarks that the book has, notes/bookmarks will be clarified in section 2

1.3 The User shall be able to create book categories and place books in said categories

1.4 The User shall be able to add and remove books from each category

1.5 The User shall be able to remove categories without removing the books within the category

1.6 The User shall be able to search for a specific book by title (text query)

1.7 The User shall be able to sort by category (searching for categories will also work)

2. The User shall be able to make viewing adjustments for accessibility purposes  
2.1 The User shall be able to swipe across screen right to left to move to the next page and left to right to return to the previous page  
2.2 The User shall be able to mark a page and be able to jump to that marked page immediately

2.3 The User shall be able to switch between Night mode and Day mode

2.4 The User shall be able to search for a word and if the word is found they shall be able to jump to it in a fashion similar to a jump to the marked page above

2.5 The User should be able to change the font of the text in their books as well as the size of said font  
2.6 The User should be able to remove a chapter of the given document, which will then be made into a separate file.

2.7 The User should be able to jump to a given chapter in the given document, provided the document has a chapter-based format

3. The User shall be able to make additions to their documents  
3.1 The User should be able to add notes to their document  
3.2 The User should be able to view the notes that they have added  
3.3 The User should be able to edit the notations that they have already made  
3.4 The User should be able to view all notations that they have made in a list format, notes will be listed in order from the first page  
3.5 The User should be able to remove the notes they have made, both individually or all at once

4. The User should be able to temporarily be able to zoom out of and in to the given document, in a range from 50% original viewing size to 200% original viewing size

4.1 The User should be able to scroll across a page when it has been zoomed in beyond its original viewing size

5. The User should be able to tag documents for categorization

5.1 The User should be able to add tags to documents

5.2 Tags created by the user should be shown when the user is tagging a new document

5.3 The User should be able to remove tags from documents

5.4 If a tag has no documents attached to it it should be removed from the repository

**Use Case Diagram**

<<include>>

<<include>>

<<include>>

<<include>>

<<include>>

<<include>>

<<System>>

Bookshelf



User