P3\_DOC

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1. Design pattern used
   1. Proxy Pattern – the book objects are never directly accessed by users, instead they are interacted with through classes like Page and Page Navigator
2. Test Classes
   1. Javadoc files are located in the Javadoc folder
   2. Saurabh Shah test class for NoteFile class
      1. Test class location: 3354-Macrohard\BookshelfTop\app\src\test\java\com\example\bookshelftop\NotesUnitTest.java
      2. NoteFile class location: 3354-Macrohard\BookshelfTop\app\src\main\java\com\example\bookshelftop\NoteFile.java
   3. Brandon Barnes test class for TagFile class and DocGrabber class
      1. Test class location: 3354-Macrohard\BookshelfTop\app\src\test\java\com\example\bookshelftop\TagFileTest.java
      2. TagFile class location: 3354-Macrohard\BookshelfTop\app\src\main\java\com\example\bookshelftop\TagFile.java
3. Instructions to build and run software
   1. On startup, some lines referring to the package might have to be changed. Android studio will usually automatically fix this.
      1. Ex: package com.example.bookshelftop;
   2. There is also a chance of a “blank not resolved” error, where “app” and other imports are red. To fix this, click File -> clear caches and restart
   3. Make sure that the “app” is being run and not a test case or other executable
      1. Make sure that the API level is 28 or higher
      2. App was tested on an emulated Google Pixel
   4. After app has been placed on the phone or emulator
      1. \*\*\*These steps are for getting a sample .txt file. Any .txt can be used\*\*\*
      2. Go to google chrome and search “.txt download” in the google search engine
         1. Select the first option
         2. Scroll down to SampleTextFile\_50kb.txt
         3. Click it to download
      3. Go into the phone settings (app with gear symbol)
         1. Click “Apps and Notifications”
         2. Click “BookshelfTop”
         3. Click “Permissions”
         4. Turn the storage option to “on” (slider turns green)
      4. SampleTextFile\_50kb.txt is now in the downloads folder
   5. Return to the app
      1. Click “import book”
      2. Enter the name of the file being imported, followed by .txt
         1. In this case, enter “SampleTextFile\_50kb.txt”
         2. Make sure the filler text is deleted
      3. Click the back button (triangle on bottom left of phone screen)
      4. Click “Bookshelf”
         1. Select the book that was imported (config.txt)
   6. The book will appear
      1. Click on the book text to move forward a page
      2. Click on the back button at the bottom to move back a page