ITC205 – Assignment 4

So mostly this file is just to provide a link to the version control repository. I’m not entirely sure I actually found the bugs but tried to demonstrate my understanding of the process and what was involved with that. I do apologize the date on the version control commits is fairly derpy and looks awful.

I thought I had the bugs logically but then trying to write these simplification tests has made me second guess whether I actually found them.

I somehow ended up getting different data from the simplification tests than I did from the debugger which frankly just confused the heck out of me.

Also if you’re wondering why some screenshots have a black background, that’d be because I discovered in my final check I needed a few extra here and there. Not an issue and I never nuked any of my breakpoints so it was relatively easy to jump through to grab the screenshot but between the last time and now I changed my interface to be a dark interface. Less eyeball burn that way.

So For Bug 1:

* UAT can be found in the ***UATs*** folder in the repository, labelled ***“Bug 1 UAT.docx”***
* Simplification Test – Not much there and is mostly your work anyway but can be found in the repository under ***“BRLS/test/library/returnBook”*** and is labelled ***“Bug1SimplificationTest.java”***
* The Bug Log can be found under the folder ***Bug Logs***, labelled ***“Bug 1 Log.docx”***
* Screenshots are included with the Bug Log, I may have gone a little overkill with the screenshots.
* Bug Fix – At least I think it’s the fix but the file changed for Bug 1 was ***“Calendar.java, Line 10”*** which can be found under ***“BRLS\src\library\entities”***

So For Bug 2:

* UAT can be found in the ***UATs*** folder in the repository, labelled ***“Bug 2 UAT.docx”***
* Simplification Test – Not much there but can be found in the repository under ***“BRLS/test/library/returnBook”*** and is labelled ***“Bug2SimplificationTest.java”***
* The Bug Log can be found under the folder ***Bug Logs***, labelled ***“Bug 2 Log.docx”***
* Screenshots are included with the Bug Log, I may have gone a little overkill with the screenshots.
* Bug Fix – At least I think it’s the fix but the file changed for Bug 2 was ***“ILibrary.java, Line 9”*** which can be found under ***“BRLS\src\library\entities”***

So For Bug 3:

* UAT can be found in the ***UATs*** folder in the repository, labelled ***“Bug 3 UAT.docx”***
* Simplification Test – Not much there and is mostly your work anyway but can be found in the repository under ***“BRLS/test/library/returnBook”*** and is labelled ***“Bug3SimplificationTest.java”***
* The Bug Log can be found under the folder ***Bug Logs***, labelled ***“Bug 3 Log.docx”***
* Screenshots are included with the Bug Log, I may have gone a little overkill with the screenshots.
* Bug Fix – At least I think it’s the fix but the file changed for Bug 3 was ***“Library.java, Line 216”*** which can be found under ***“BRLS\src\library\entities”***

**Repository:** [**https://github.com/Firedingo/ITC205-Assignment4**](https://github.com/Firedingo/ITC205-Assignment4)