I wrote the test cases one method at a time for the TTD for the Book, BookList, Loan, and Person. 25/10/2022

Reflection: I found TTD awkward at first but by the 3rd class I found myself getting into the swing and especially having the regression testing  was extremely useful and caught a number of egregious errors because of it.

 I added jacoco to start tracking code coverage, and updated the tests to catch code id missed, I also got better at writing the tests and relied less on getting spring of data  i wanted to check as I was avoiding using .equals() because i thought it would return false on objects that were identical but different instances, but i figured it out 4/11/2022

When I was building LiberarySystem Killian and I extended the person class to Staff and Student but then since the only difference was one variable we decided to keep it all in the person class. 12/11/2022

Reflection: It is incredibly awkward to fix tests when you change the constructor

For the LibraryMenu as it requires user input I had to build non TTD every time I reached a new text display line I could test the happy path to there(including the paths to error messages). The most troublesome aspect was the return to the previous menu but I worked it out eventually. 14/11/2022

I kept logs of bugs in gihub at first but then i re-read the brief and moved it to jira. I took screenshots of errors as they came up but sometimes I forgot.

I fixed edited some of the teast and made dox files for the documentation for this module