Complete Confirmations

For the complete confirmations on project's backlog, please visit our Trello site. Each card has additional details and a checklist within it. Additionally, our testing backlog column includes additional confirmations for each card on the backlog. For more information, please refer to *'1 Schedule.docx.'*

Test Plan

For each of the following testing plans (which include all required steps and possible outcomes) please refer to *'3 Activity and Sequence Diagram.docx'* for a visual representation of the processes.

US #8 (Librarians check library materials out to patrons):

Basic flow: Patrons have to log into the system in order to check out library materials to any patron. The testing team creates a new patron account in the system and a librarian looks up the patron's account information in the system. An auditor picks a book reserved by another patron for the librarian to check out. The system should reject the item and log violation for this particular patron account.

Alternate flow: When a patron has more than one material to check out. When the system sets a maximum number of books (10 in Data works system) for check-out by one patron, the system should be able to reject the items that will push the number of books to be checked out to that limit.

Exceptional flow: When the librarian fails to log in, the system will notify the superior librarian for assistance. If a patron forgets to bring his/her library card, the system can pull out the account information given some personal identifying information, so that the librarian can check materials out to the patron. If a library visitor does not have a patron account, the librarian will help the visitor create an account.

US #9 (Librarians check library materials in that has been returned by a patron):

Basic flow: Using the patron account created for the testing, a librarian checks the material in for the patron without knowing the patron account information. Relevant information such as check-out date and patron account will show up automatically after scanning the ISBN into the system. The book that has been returned will show up in the library inventory system. In the patron's account, the book that has been returned should move from "check-out" list to "returned" list. If any book returned has past due date, the system should give the days past due, and correctly calculate fines due for the patron.

Alternate flow: When the patron has more than one material to check-in, the librarian scans the other items and the system should be updated for all materials returned.

Exceptional flow: When the patron has an expired account, the system will show message for renewal. The librarian should be able to renew the account.

For competed confirmations in our project backlog, please refer to our Trello account's testing column. More information can be found in *'1 Schedule.docx'*.