Ryan Lau

COMP4004

The Renew, Return, Borrow and Fee functions have their own test suite while the User, Title, Item and Handling have another. The first four are handled by the user while the last four by the admin.

In the User, Title and Item there is testing for both creation and deletion. For handling there is input and output.

USER SCENARIOS:

Creating a user: Success unless the user already exists.

Deleting a user: Success unless the user does not exist, there is an active loan, or an outstanding fee.

Creating an item: Success unless item already exists.

Deleting an item: Success unless item does not exist, or an active loan exists for the item.

Creating a title: Success unless title already exists.

Deleting a title: Success unless active loan exists or title does not exist.

Paying Fee: Succeeds unless the user still has borrowed items.

Renewal: Succeeds unless the loan does exist, there is an outstanding fee, or the item has been renewed already.

Return: Succeeds unless the loan does not exist.

Borrow: Succeeds unless the item is not available, there is an outstanding fee, or the ISBN/User is invalid.

Github:

https://github.com/ryanlau1/Assignment1

Also, in my github the first commit has no changes, so the second one is where testing began.