**User Stores**

*com.comp4004.test.story.TestUserStories*

Librarian tries to create user

**Scenario 1:** Librarian successfully creates a new user if username does not exist

**Steps:**

1. Clerk inputs user’s username and password
2. Terminal successfully creates new user with unique user id

**Scenario 2:** Librarian fails to create user with an already existing username

**Steps:**

1. Clerk inputs user’s username and password
2. Terminal failed to create new user. No new user is added.

Librarian tries to delete user

**Scenario 1:** Librarian successfully removes existing user that has no loans and has privilege

**Steps:**

1. Clerk creates a new user
2. Clerk inputs user’s username to remove
3. Terminal confirms that user has no loans
4. Terminal confirms that user has privilege
5. Terminal successfully removes user

**Scenario 2:** Librarian fails to remove user who has loans

**Steps:**

1. Clerk creates a new user
2. Clerk creates a new book and a new copy for that book
3. User logs in and borrows the copy of the book
4. Clerk fails to remove the user

**Scenario 3:** Librarian fails to remove user who has their privileges revoked

**Steps:**

1. Clerk creates a new user
2. Clerk creates a new book and a new copy of that book
3. User logs in
4. Terminal revokes user’s privileges
5. Clerk fails to remove the user

**Scenario 4:** Librarian fails to remove user that does not exist

**Steps:**

1. Clerk enters non-existent username
2. Terminal finds to find user to delete

*com.comp4004.test.story.TestBookStories*

Librarian tries to add a book

**Scenario 1:** Librarian successfully adds new book if ISBN does not match an existing book

**Steps:**

1. Clerk inputs unused ISBN and title
2. Terminal create a new book

**Scenario 2:** Librarian fails to add book when existing ISBN

**Steps:**

1. Clerk inputs used ISBN and a title
2. Terminal finds book with existing ISBN
3. Terminal fails to add new book

Librarian tries to delete a book

**Scenario 1:** Librarian successfully removes book that isn’t being loaned and isn’t being reserved

**Steps:**

1. Clerk creates a new book
2. Clerk removes new book

**Scenario 2:** Librarian fails to remove book that does not exist

**Steps:**

1. Clerk inputs book ISBN that does not exist
2. Terminal fails to find book and therefore does not delete book

**Scenario 3:** Librarian fails to remove book that is being loaned

**Steps:**

1. Clerk creates a new book and a new copy of the book
2. User logs in and borrows new book
3. Clerk fails to remove book

**Scenario 4:** Librarian fails

*com.comp4004.test.story.TestCopyStories*

Librarian tries to add a copy

Librarian tries to delete a copy

*com.comp4004.test.story.TestBorrowStories*

*com.comp4004.test.story.TestRenewStories*

*com.comp4004.test.story.TestReturnStories*

*com.comp4004.test.story.TestFeeStories*