Riley de Domenico
Assignment 3

1.
F1.
Positive: A book is added with the inclusion of a category, a title, author name/names, a book id that is between 5 and 8 characters long, and a cost that is a decimal number greater or equal to 0.0. An example of this would be Category: comedy Author name: Riley de Domenico, Book ID: 123993 cost: 10.99
Negative: cost is a negative decimal number. Example Category: comedy Author name: Riley de Domenico, Book ID: 1232978 cost: -20.33
F2.
Positive: Books can be searched by category, if no category is input within the category, the whole catalogue is returned. Example category is comedy, all comedy books are returned
Negative: An invalid category is input example category: 1234, no category would match this
F3.
Positive: Add to cart option is selected
Negative: Invalid option is selected
F4.
Positive: Cart button is pressed and the cart is visible to the user
Negative: Invalid option is selected
F5.
Positive: The order is updated by one copy
Negative: order amount is changed to a negative number such as -2
F6.
Positive: Books are in cart and checkout is selected, here there should be a total value returned
Negative: No books are in cart and checkout should not go through or charge users as there is no purchased product, checkout should not occur
F7.
Positive: User logins in as an admin and removes a book
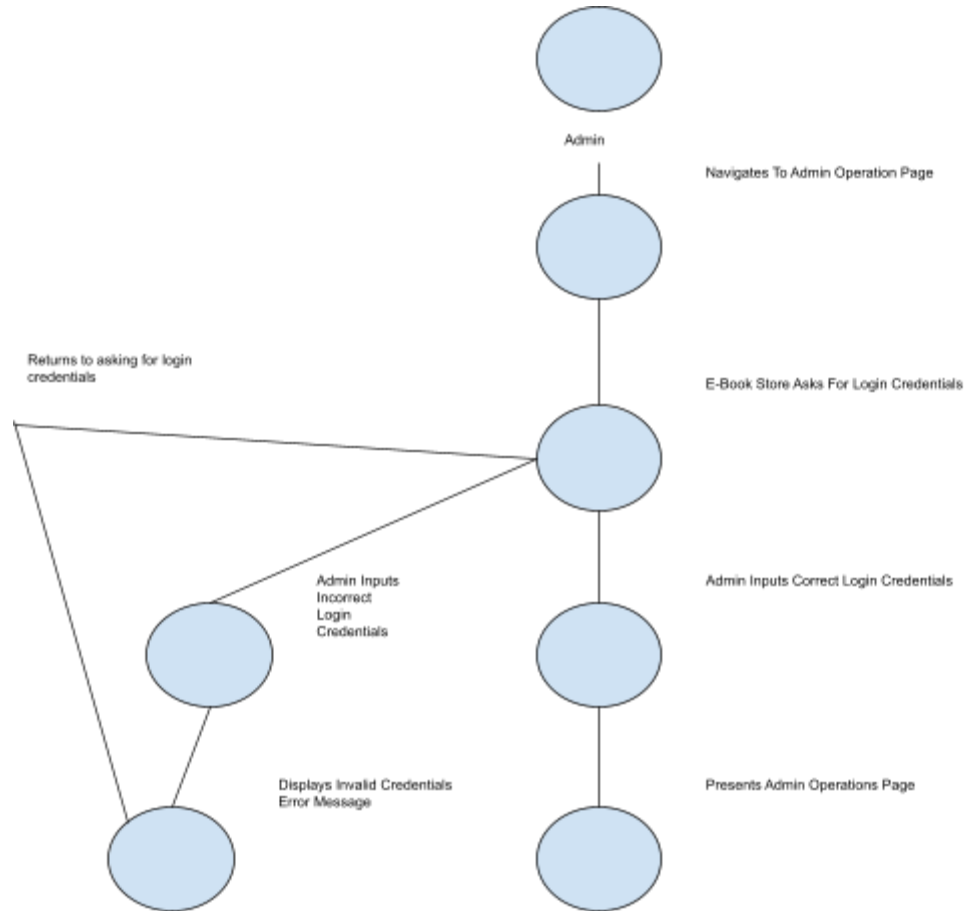Negative: Invalid option is selected
F8.
Positive: Admin successfully can log in for authentication
Negative: Incorrect password is input i.e login is input for password
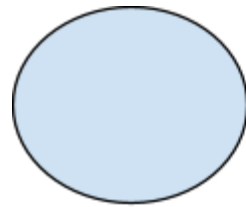2.
a. Administrator Sign In

i.

Admin

Navigates To Admin Operation Page

Returns to asking for login credentials

E-Book Store Aaks For Login Credentials

Admin Inputs Incorrect Login Credentials

Admin Inputs Correct Login Credentials

Displays Invalid Credentials Error Message

Presents Admin Operations Page

ii. Scenario 1: Correct Login Credentials are input, so admin user inputs login: admin and password: password

Scenario 2: Incorrect login credentials are input, login: wrong and password: info

iii.

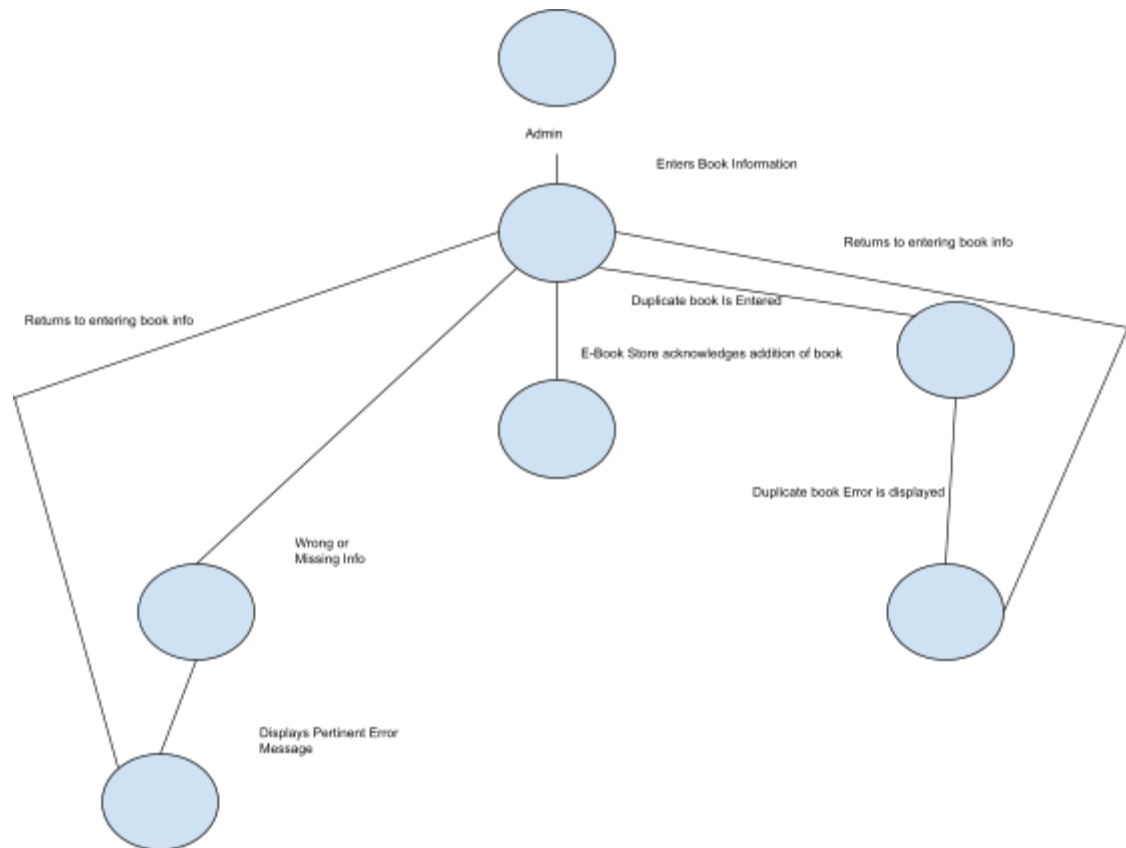| Event	Reaction	Success Criteria
User inserts login: admin and password: password	System successfully logins in the users and presents the admin operations page	Successful login
User inserts login: wrong and password: info	System displays invalid credentials error message, returns to asking for login credentials	Successful return to login page

b.

Admin
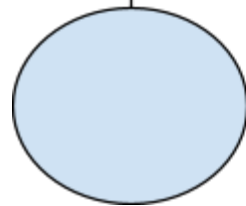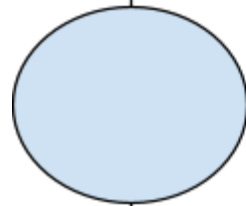
Selects to sign out

E-Book Acknowledges that the admin has signed out

i.

ii.   Scenario 1: Admin selects to sign out and successfully signs out

iii.

Event	Reaction	Success Criteria
Admin selects the sign out option	E-Book store acknowledges the sign out	Admin is no longer logged in

c.

Admin

Enters Book Information

Returns to entering book info

Duplicate book Is Entered

E-Book Store acknowledges addition of book

Returns to entering book info

Duplicate book Error is displayed

Wrong or
Missing Info

Displays Pertinent Error
Message

i.

ii. Scenario 1: Full book information is input and the book store acknowledges the addition of the book

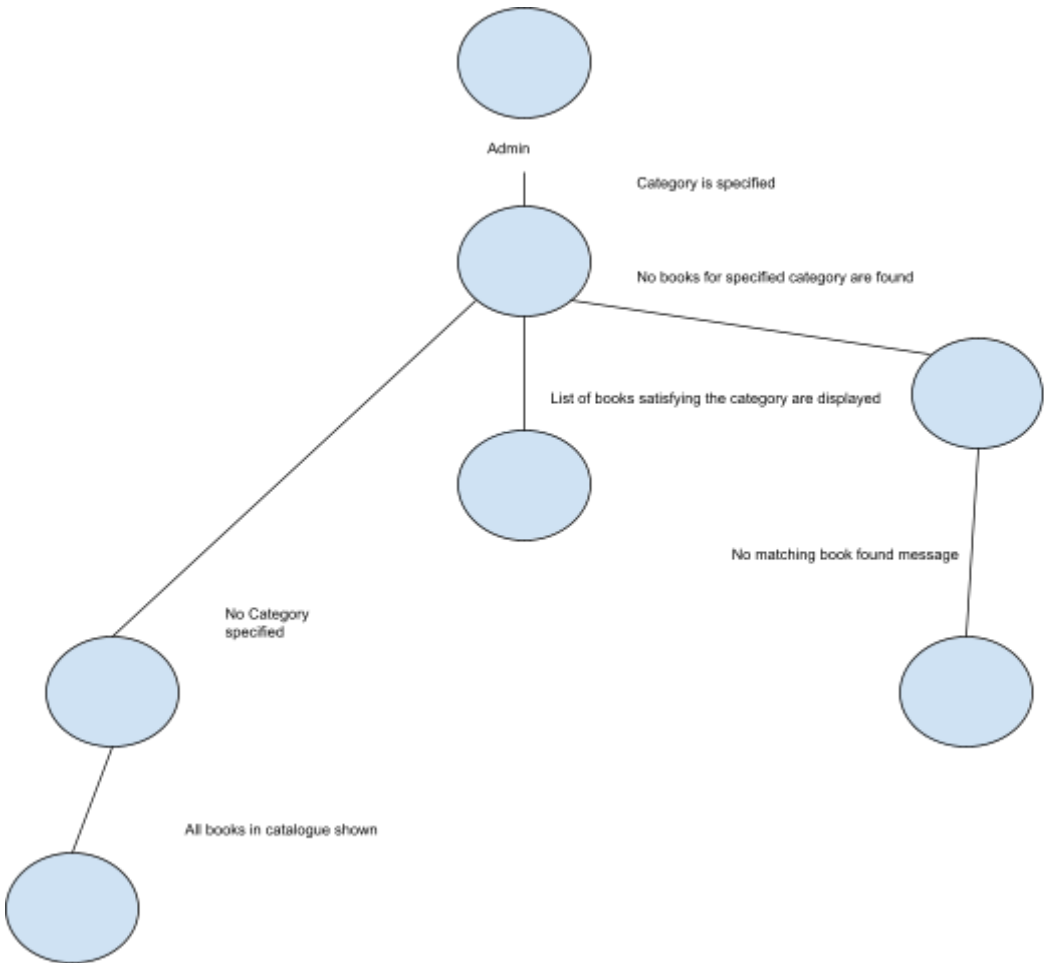Scenario 2: A Book already entered is input and a duplicate book error message is displayed

Scenario 3: The category of the book is not entered and a pertinent error message is displayed

iii.

Event	Reaction	Success Criteria
Category: Comedy Book id: 12345 Title: A Book Author: Riley de Domenico Cost: 10.99	Book store acknowledges the addition of the book	Book is successfully added
Category: Comedy Book id: 12345 Title: A Book Author: Riley de Domenico Cost: 10.99	Duplicate book error message is displayed	Book is not added
Category:	Pertinent error	Book is not added

Book id: 12345 Title: A Book Author: Riley de Domenico Cost: 10.99	message is displayed	

d.

Admin

Category is specified

No books for specified category are found

List of books satisfying the category are displayed

No matching book found message

No Category specified

All books in catalogue shown

i.

ii. Scenario 1: No category is input, all books are returned
Scenario 2: Comedy category is input, comedy book titled "A Book" is returned
Scenario 3: 123 Category is input, no matching books found message is displayed

iii.

Event	Reaction	Success Criteria
Category: left blank	All books are returned	Search returns all books
Category: comedy	"A Book" is returned	Search returns all comedy books

Category: 123	No matching books found message displayed	No books found

e.

Admin

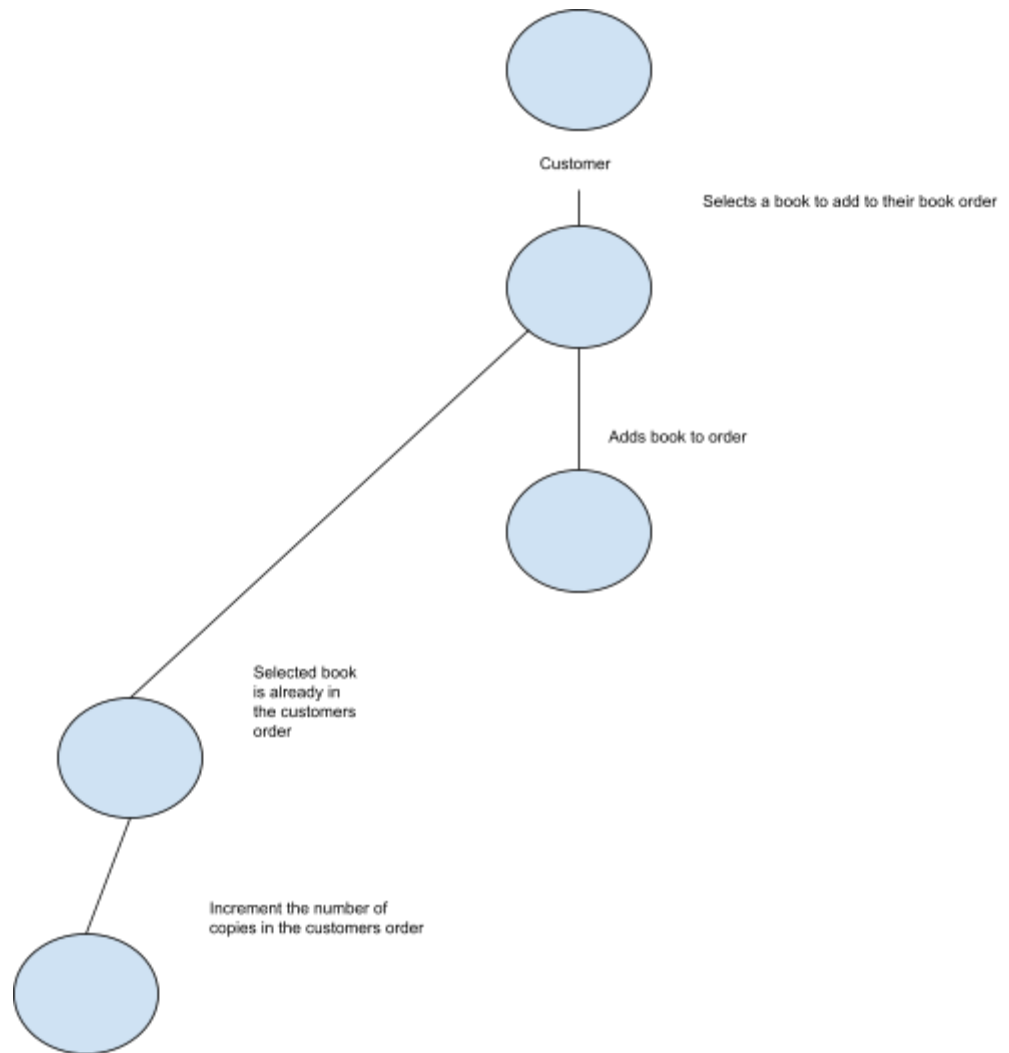Selects remove book

E-Book shows the list of books without removed book
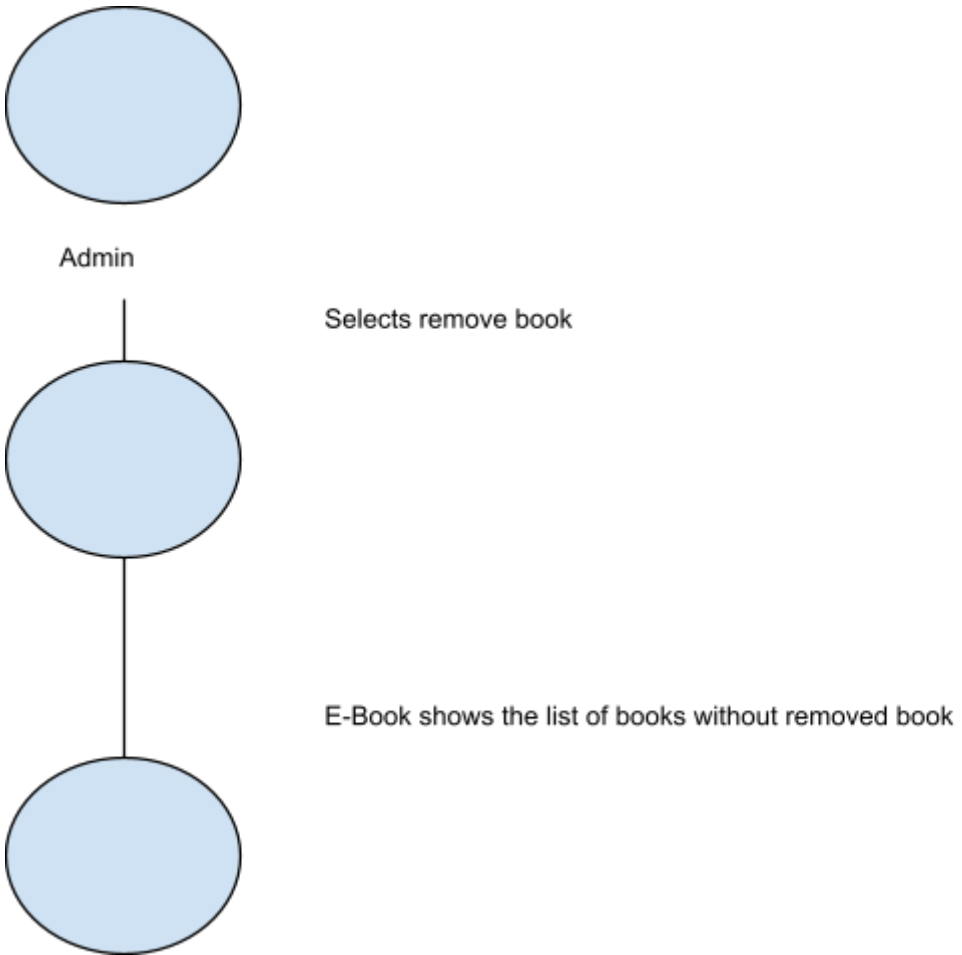
i.

ii. Admin selects to remove a book, the list of books is shown without the removed book

iii.

Event	Reaction	Success Criteria
Remove book is selected	List of books is shown without the book that was removed	Book is successfully removed

f.

Customer

Selects a book to add to their book order

Adds book to order

Selected book
is already in
the customers
order

Increment the number of
copies in the customers order

i.

ii.   Scenario 1: Customer does not have book in their orders, adds book to
        order
        Scenario 2: book is already in customers order, increment this book in
        order by 1

iii.

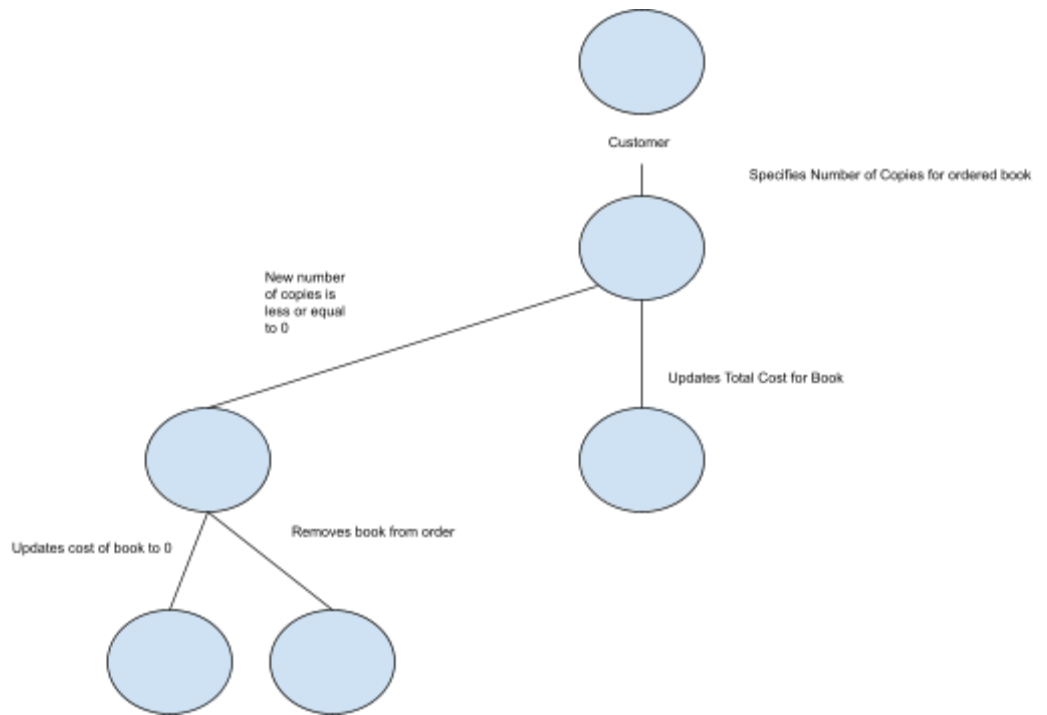| Event	Reaction	Success Criteria
Book added when not already in order	Adds book to order	Book added to order
Book added when already in order	Increments book in order	Book in order incremented

g.

Customer

Selects to view order

E-Book shows the order

    i.
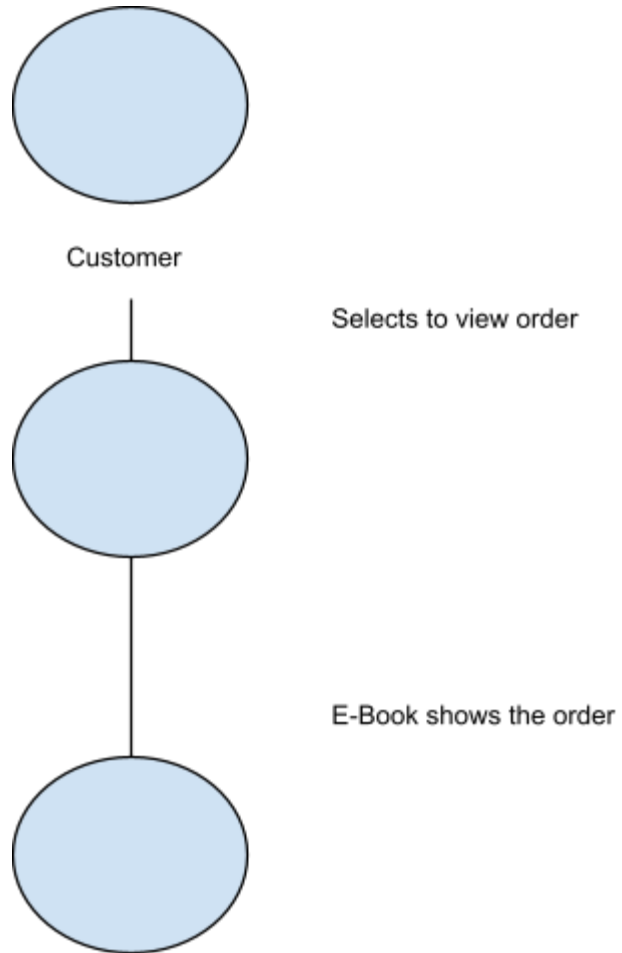
    ii.   Scenario 1: Customer selects to view order, store shows order

    iii.

Event	Reaction	Success Criteria
Customer selects to view order	Store Shows Order	Order Shown

h.

Customer

Specifies Number of Copies for ordered book

New number
of copies is
less or equal
to 0

Updates Total Cost for Book

Updates cost of book to 0

Removes book from order

i.

ii. Scenario 1: total number of books is updated to be a number larger than 0. Total cost gets updated

Scenario 2: total number of books is updated to be a number less than or equal to 0, total cost gets changed to 0 and removes the book from the order
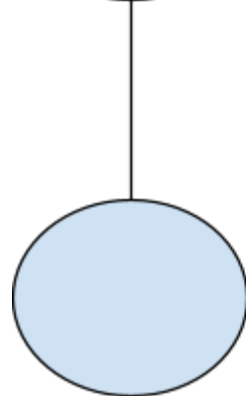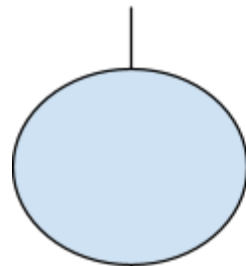
iii.

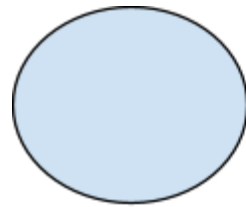| Event	Reaction	Success Criteria
Number of "A Book" in order updated to 3	Total cost is updated	New total cost
Number of "A Book" in order updated to -3	Cost is 0 and book is removed from order	Book removed from order

i.
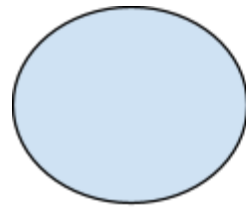
Customer

Selects to check out

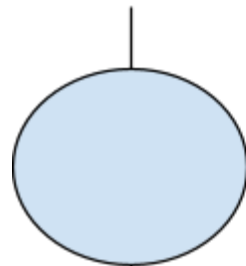E-Book processes the book order and displays the information

i.

ii. Scenario 1: Customer selects check out, order gets processed and the information is displayed

iii.

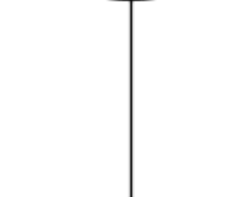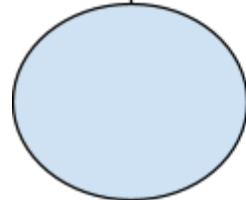| Event	Reaction	Success Criteria
Customer selected check out	Order is processed and information is displayed	Order is processed

j.

Customer

Selects a language

E-Book displays information in the selected language

i.
ii.   Scenario 1: Customer selects language french, information gets displayed in french
iii.

Event	Reaction	Success Criteria
Customer selects french	Store displays information in french	Language switches to french

Image of successful tests run:

```
Jul 19, 2021 4:36:22 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Starting ChromeDriver 91.0.4472.101 (af52a90bf87030dd1523486a1cd3ae25c5d76c9b-refs/branch-heads/4472@{#1462}) on port 19
132
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 19, 2021 4:36:26 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
Starting ChromeDriver 91.0.4472.101 (af52a90bf87030dd1523486a1cd3ae25c5d76c9b-refs/branch-heads/4472@{#1462}) on port 38
41
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Jul 19, 2021 4:36:29 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected dialect: W3C
[INFO] Tests run: 13, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 45.953 s - in selenium.ExampleSeleniumTest
[INFO]
[INFO] Results:
[INFO]
[INFO] Tests run: 14, Failures: 0, Errors: 0, Skipped: 0
[INFO]
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time:  49.399 s
[INFO] Finished at: 2021-07-19T16:36:32-04:00
[INFO] ------------------------------------------------------------------------

C:\Users\Riley\Documents\GitHub\Seg3103_playground\Assignment3\BookstoreApp>
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