**QA**

Step 1: Log in

Step 2: Search item

Step 3: Add item to cart

Step 4: Search new item

Step 5: Add new item to cart

Step 6: Check sub total

Step 7: Check sub total price + shipping

Step 8: Delete one item from cart

Step 9: Check sub total

Step 10: Check sub total price + shipping

Login

Login -> Search item

Login -> Search item -> Add item to cart

Login -> Search item -> Add item to cart -> Search new item

Login -> Search item -> Add item to cart -> Search new item -> : Add new item to cart

Login -> Search item -> Add item to cart -> Search new item -> : Add new item to cart -> Check sub total

Login -> Search item -> Add item to cart -> Search new item -> : Add new item to cart -> Check sub total -> : Check sub total price + shipping

Login -> Search item -> Add item to cart -> Search new item -> : Add new item to cart -> Check sub total -> : Check sub total price + shipping -> Delete one item from cart

Login -> Search item -> Add item to cart -> Search new item -> : Add new item to cart -> Check sub total -> : Check sub total price + shipping -> Delete one item from cart -> Check sub total

Login -> Search item -> Add item to cart -> Search new item -> : Add new item to cart -> Check sub total -> : Check sub total price + shipping -> Delete one item from cart -> Check sub total -> Check sub total price + shipping

**AAA – Arrange Act Assert**

**1. Get user name**

**2. Get password**

**3. Insert user name to user inout**

**4. Insert password to password input**

**5. Click login**

**6. Search item in search window**

**7. Click add item to cart**

**8. Check total price in the cart**

**9. Delete the item from the cart**

**10. Check the cart is empty**

**11. Add item in sale**

**12. Check the discount in the cart**

Before all:

Setup:

1. Get user name

2.Get password

3. Insert user name to user inout

4. Insert password to password input

**Test**: Login is working

**Arrange:**

1. Get user name

2.Get password

3. Insert user name to user inout

4. Insert password to password input

**Act:**

5. Click the login button

**Assert:**

6. Validate user successfully logged in

**Test:** Search item in search window

**Arrange:**

1. Get the item to be searched

2. Insert the item into the search input field

**Act:**

3. Search item in search window

**Assert:**

4. Validate item display in main window

Test: Delete item form cart

Arrange:

Search item

Add item to cart

Act:

Remove item from cart

Assert:

Validate the item deleted from cart

**Types of failures**

**Test 1: (Setup failure)**

* Login to e-commerce site API
* Click headphones category UI
* Click on bose headphones UI
* Click add to cart UI
* Go to shopping cart UI
* Verify bose headphones exist in cart UI

Test 2: **(Setup failure)**

* Login to calender API
* Create event UI
* Add people to event API
* Click create UI
* Check if the event is in the calender UI

Test 3: (Authentication **failure**)

* Go to youtube UI
* Insert test to search input UI
* Check the result in the result page