**UI Testing Execution Steps:**

* Open the website
* Enter the “Nike react phantom run flyknit2” in the search bar and submit.
* Observe that relevant products are displayed.
* Filter the products to locate a small-sized, black “Nike React phantom run flyknit 2.”
* Select a couple of items and add them to the cart.
* Open the cart and observe that “Nike react phantom run flyknit 2.” has a cart and alos size and product color have been added.
* Verify that the product total price has been added correctly.

**UI Test Analysis:**

* The search and filter functionality worked as expected, quickly displaying relevant products. Adding items to the cart was smooth; cart verification displayed accurate information.

**UI Test Defect:**

* The total price will take time when I add a new quantity to the cart.
* The product size is not working as expected.

**Bug link: 1.** <https://drive.google.com/file/d/1FhDOSwjGSiSWrgrTtat9OyzcQ7dDaRaI/view?usp=sharing>

**Bug link:2**

<https://drive.google.com/file/d/1AtbqOsAS4OG_D4atIax-8vOcg3qPTXfE/view?usp=sharing>

**Generate a report:**

| **Number** | **Actual** | **expected** | **defect** | **Status** |
| --- | --- | --- | --- | --- |
| **1** | * The total price will take time when I add a new quantity to the cart. | The total price should be added without any loading | The total price is taking time | failed |
| **2** | * The product size is not working as expected. | The product size should work as expected | Product size is not mating after adding to the cart and verifying from the checkout page | Failed |

**API Testing Execution Steps:**

* GET request to the search API endpoint, searching for “Nike react phantom run flyknit 2
* Observe that I am getting the product details with a response.
* POST request to Add product size, color, and adding the product add to the cart
* Observe that The product qty and SKU have been added
* Get a request to verify that the product has been added to the cart.

**API Test Analysis:**

* Search and cart API calls responded quickly. but we have to add a cookie with the endpoint.

**Generate a report:**

* The request is successfully done.
* Sometimes product qty is added incorrectly. I think that is the issue only for cookie issues for the server.