

## **Manual Testing Assessment**

**Q1|[Mark 20]** You have a shoe-selling e-commerce platform. Now, the client wants to implement a new feature, "Search". During the client meeting, they mentioned they wanted to make the search dynamic, with any keywords, or specific text. Now you have a chance to get into more details on the feature. You can ask 10 questions to the client. List the questions according to priority.

**Q2|[Mark 20]** Write down the test cases according to your questions.

**Q3|[Mark 20]** Let's say, your development team implemented the feature on the Evershop site (<https://demo.evershop.io/>). Now execute your test case into the URL and generate a report.

**Q4|[Mark 40]** Now there is a happy path journey for searching with the text "Nike react phantom run flyknit 2". Add a couple of small-sized black products to your cart. Then verify the Cart. Now execute the journeys from both API and UI. Now provide feedback on your test analysis, keep logs of the defects, and generate a report.

**NOTE:**

- If you find any bug keep track on Google Drive with proper naming convention and keep the URL in your test case file.
- For the API test, export the collection and share the file.
- Keep all your assessments in a Google Drive folder, and share the URL during assignment submission.
- **DON'T USE ANY AI TOOLS.**

## **Answer To The Question No 1**

I have a shoe-selling e-commerce platform. Now, the client wants to implement a new feature, "Search". During the client meeting, they mentioned they wanted to make the search dynamic, with any keywords, or specific text. Now I have a chance to get into more details on the feature. I can ask 10 questions to the client. So here List the questions according to priority:

- i) What specific search criteria should be supported or searchable? (High Priority)
- ii) Do you need any additional filters? (High Priority)
- iii) Do you need any filtering or sorting with the search? (High Priority)
- iv) Do you want to search for any real time search suggestions? (High Priority)
- v) Which type of support do you need that match partial keyword with original keyword? (High Priority)
- vi) Do you need any voice search support? (Medium Priority)
- vii) Any related recommended products show with this search? (Medium Priority)
- viii) Do you have any examples of search options from other e-commerce sites? (Medium Priority)
- ix) Do you have any specific guidelines for the search? (Low Priority)
- x) What about your future plan for these search options? (Low Priority)

So, this is the list of questions that I asked

## **Answer To The Question No 2**

Based on the 10 questions, here are some structured test cases to validate the functionality of the search feature:

TC-01 - Verify search by specific criteria

TC-02 - Verify search using filters

TC-03- Verify Sorting search results (Price Low-High, Popularity)

TC-04- Verify real-time search suggestions

TC-05- Verify partial keyword match

TC-06- Verify voice search functionality

TC-07- Verify related recommended products in search

TC-08- Verify Compare with competitor search options

TC-09- Verify specific search guidelines

TC-10- Verify future scalability of search

Here attached the link for this Test Case:

[https://docs.google.com/spreadsheets/d/1\\_FAjrm9EAUP2fOapSsJojKs5PHdgVY8Vg8drGiKxGckE  
/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1_FAjrm9EAUP2fOapSsJojKs5PHdgVY8Vg8drGiKxGckE/edit?usp=sharing)

### **Answer To The Question No 3**

My development team implemented the feature on the Evershop site (<https://demo.evershop.io/>). Now execute our test case into the URL and generate a report:

Here attached the link for this test Case and Report:

[https://docs.google.com/spreadsheets/d/1WtDVsl8UjerOp9WeE46XFfL\\_HN-ktA\\_utVAUHEHtMM0/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1WtDVsl8UjerOp9WeE46XFfL_HN-ktA_utVAUHEHtMM0/edit?usp=sharing)

## **Answer To The Question No 4**

Now there is a happy path journey for searching with the text “Nike react phantom run flyknit 2”. Add a couple of small-sized black products to my cart. Then verify the Cart. Now execute the journeys from both API and UI. Now provide feedback on my test analysis, keep logs of the defects, and generate a report:

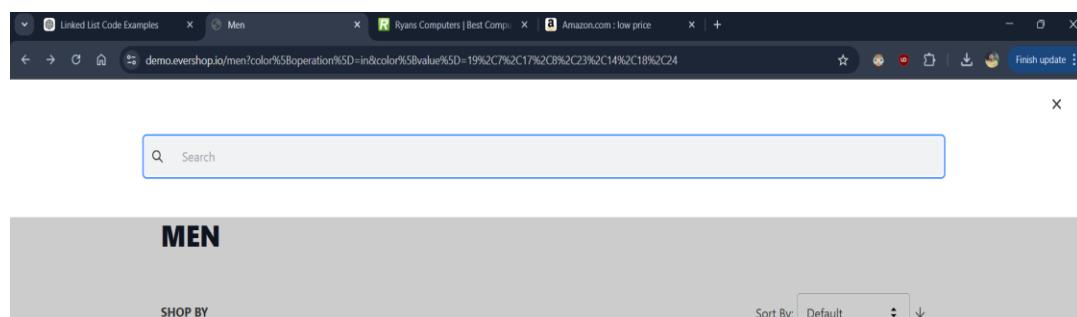
Happy Path Journey Execution Report for Evershop:

Test Scenario:

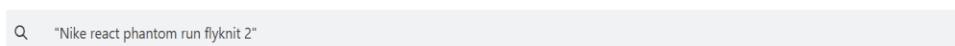
- i) Search for "Nike react phantom run flyknit 2"
- ii) Add 2 small-sized black products to the cart
- iii) Verify the cart
- iv) Execute both API & UI-based testing

### **UI Test:**

- i) Search bar Load Properly  
Status : Pass



- ii) Search for "Nike react phantom run flyknit 2"  
Status: Pass



Home / Search results for: "Nike react phantom run flyknit 2"

Search results for " "Nike react phantom run flyknit 2""

Sort By: Default ↴

**Nike react phantom run flyknit 2**  
\$718.00  
1 products

iii) Select small size & black color

Home / Men

## MEN

SHOP BY

PRICE

\$169.00      \$802.00

SIZE

- L
- XL
- M
- S
- X

COLOR

- White
- Black
- Grey
- Blue
- Brown

Sort By: Default ↴

**Seasonal color chuck 70**  
\$169.00  
1 products

(1)

iv) Click "Add to Cart" twice

Shop ❤️ About us

Home / Shopping cart

**Shopping cart**

Your cart is empty!

CONTINUE SHOPPING →



## Nike React Phantom Run Flyknit 2

\$718.00

Sku: NJC48508-Pink-X

- **Brand:** Nike
- **Color:** Pink

*Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum feugiat mi eget elit elementum, id pulvinar tellus eleifend.*

*Integer porttitor elit id euismod elementum. Nulla vel molestie massa, eget iaculis elit. Quisque a tortor vel lectus ultricies pretium quis non purus. Pellentesque molestie leo eget rutrum tristique.*



## Nike React Phantom Run Flyknit 2

\$718.00

Sku: NJC48508-Pink-X

- **Brand:** Nike
- **Color:** Pink

*Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vestibulum feugiat mi eget elit elementum, id pulvinar tellus eleifend.*

*Integer porttitor elit id euismod elementum. Nulla vel molestie massa, eget iaculis elit. Quisque a tortor vel lectus ultricies pretium quis non purus. Pellentesque molestie leo eget rutrum tristique.*

Here Small Size and Black are not available.

Status : Fail

v) Cart Updated  
Status : Pass

The screenshot shows a shopping cart page with a single item: Nike react phantom run flyknit 2. The item details are: Size: X, Color: Pink. The price is \$718.00, quantity is 3, and the total is \$2,154.00. There is a "Remove" link below the item. To the right, there is an "Order summary" section showing Sub total \$2,154.00 and Total \$2,154.00 (Inclusive of tax \$0.00). Below the summary is a "CHECKOUT" button. At the bottom left, there is a "Promotion code?" input field with "Enter coupon code" placeholder text and an "Apply" button.

## API Testing :

i) API Test 1 - Search Product

Url: <https://demo.evershop.io/men/nike-react-phantom-run-flyknit-2-180?ajax=true&size=4>

The screenshot shows a browser developer tools Network tab. The request being analyzed is for "nike-react-phantom-run-flyknit-2-180?ajax=true&size=4". The response payload is visible in the "Payload" section:

```
1 {
  "success": true,
  "eContext": {
    "graphQLResponse": {
      "e248uixd5ibqb5x": "https://demo.evershop.io/search",
      "e248uixd5ibqb5y": {
        "attributes": [
          {
            "attributeName": "Brand",
            "attributeCode": "brand",
            "optionText": "Nike"
          }
        ],
        "category": "Shoes"
      }
    }
  }
}
```

The Network tab also shows other requests for the same product in different sizes. The main page content displays the Nike React Phantom Run Flyknit 2 shoes.

The screenshot shows the Postman interface with a successful API request. The URL is <https://demo.evershop.io/men/nike-react-phantom-run-flyknit-2-180?ajax=true&size=4>. The response status is 200 OK. The JSON body of the response is as follows:

```

1  {
2     "success": true,
3     "eContext": {
4         "graphqlResponse": [
5             "e248uix4m5ibqb5x": "https://demo.evershop.io/search",
6             "e248uix4m5ibqb5y": [
7                 "attributes": [
8                     {
9                         "attributeName": "Brand",
10                        "attributeCode": "brand",
11                        "optionText": "Nike"
12                    },
13                ]
14            ]
15        ]
16    }
17 }

```

### Expected Response:

Status: 200 OK

Product should be present in the response

Actual Response: Product found

Status: Pass

### ii) Add To Cart

Url: <https://demo.evershop.io/api/cart/mine/items>

JUST ADDED TO YOUR CART

Nike react phantom run flyknit 2 QTY: 6

[VIEW CART \(1\)](#)

[Continue Shopping](#)

## Nike React Phantom Run Flyknit 2

\$718.00

Sku: NJC48508-Pink-X

- Brand: Nike
- Color: Pink

X S

Black Green Pink

3

[ADD TO CART](#)

Name	Headers	Payload	Preview	Response	Initiator	Timing	Cookies
items	-	-	-	<pre>{   "final_price": 718,   "final_price_incl_tax": 718,   "line_total": 4308,   "line_total_incl_tax": 4308,   "discount_amount": 0,   "tax_amount": 0,   "line_total_with_discount": 4308,   "line_total_with_discount_incl_tax": 4308,   "errors": {} }, {   "count": 1,   "cartid": "63264eec-5b0a-4a31-803d-7f8f04957751" } }</pre>	-	-	-

### Expected Response:

Status: 200 OK

Cart should update with 2 products

**Actual Response: Cart only added 1 product, despite quantity=3**

**Status: Fail**

**Here Postman give 404 Not Found Status Code. So this is Fail .**