UI Testing Documentation

1. Document Control

Field	Description
Document Title	UI Test Case Documentation - Shopping Cart (Evershop Demo)
Created By	[Samiul Islam]
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Application Under Test	Evershop Demo (https://demo.evershop.io/)
Test Objective	**Verify the search, selection, and cart functionality for "Nike react" products.**

2. Objective

This document outlines the UI test cases for validating the shopping cart functionalities on the Evershop Demo website. The goal is to ensure that the shopping cart behaves as expected across variant selections, product additions, and cart updates.

3. Scope

- **In Scope:**
  UI functional testing of the Evershop Demo's shopping cart module.

- **Out of Scope:**
  Backend performance, API testing, and payment gateway validations.

4. Environment Details

Parameter	Description
Test URL	https://demo.evershop.io/
Browser(s) Used	Google Chrome (v114+), Firefox (v110+), Edge (v111+)
Operating System	Windows 10
Internet Connection	Stable broadband

5. Test Cases

| Test scenario: UI Test cases Shopping cart (Evershop Demo)						
Test Case ID	**Prerequisites**	**Title/Description**	**steps**	**Expected result:**	**Actual result:**	**Pass / Fail**
TC_UI_SC_ED_001	Browser installed, internet connection	Launch Evershop Demo Site	Open https://demo.evershop.io/ in the browser	Homepage should load without any errors or delay	Loaded without error or delay	**Pass**
TC_UI_SC_ED_002	Website loaded	Perform Product Search	Enter "Nike react" in the search bar and press Enter	A list of relevant Nike products should be displayed	Products listed correctly and quickly	**Pass**
TC_UI_SC_ED_003	Website is accessible and Nike product is searchable	Product Variant Image Mismatch – Selecting Size S with Black color	1.Open https://demo.evershop.io/ 2.Search for: Nike react 3.Select a product from the search results (preferably one with multiple color and size variants) 4.First, select Size S, then select Black — observe the image 5.Now, change the Size to S while keeping color Black selected 6.Observe the product image again	*Update to show the correct image for Black + Size S, or *Show a placeholder/disabled warning if Black is not available in Size S.	When selecting Size S and Black, the product image incorrectly shows a Pink-colored product, which doesn't match the selected variant.	**Fail**
TC_UI_SC_ED_004	Product variant selected	Add Product to Cart	Click "Add to Cart"	Product should be added to cart with selected options (color & size)	Product added with correct options	**Pass**

TC_UI_SC_ED_005	One product added to cart	Repeat for Second Product	Select and add another product with Black color and Size S	Cart should now contain two products with correct attributes	Cart updated correctly with second product	**Pass**
TC_UI_SC_ED_006	Product has multiple sizes and colors; user is able to add items to cart	Cart Displays Incorrect Product Variant (M size Black added, L size Pink shown)	1.Navigate to https://demo.evershop.io/ 2.Search for "Nike react" 3.From the results, select a product(**Nike react infinity run flyknit**) that has both Black and Pink color variants with multiple sizes On the product detail page: a. Select Color: Black b. Select Size: M 4.Click Add to Cart 5.Click on the cart icon to view cart contents	The cart should display the same selected variant: Color: Black Size: M Product image and attributes should match what the user selected	The cart incorrectly shows: Color: Pink Size: L This does not match the user's selected product	**Fail**
TC_UI_SC_ED_007	Website is functional; user is logged in or using guest session; product supports multiple variants	Verify Cart Contents for Multiple Products – Variant Mismatch	1.Navigate to: https://demo.evershop.io/ 2.Search for: Nike react 3.From search results, select a product that supports multiple colors and sizes 4. product:(**Nike odyssey react flyknit 2**) a. Select Color: Black b. Select Size: S c. Click Add to Cart 5.Return to product list or select another product 6.Click on the Cart icon	Both products in the cart should display the correct and identical selected variant: Color: Black Size: S Product images and variant labels should match the selection	Cart displays incorrect combinations for one or both items: Example: One shows Pink color, or Size M/L even though Black/Size S was selected Product image may not match selection	Fail

6. Defects Summary

| Defect ID	Related TC ID	Description	Severity	Status
DEF_UI_001	TC_UI_SC_ED_003	Incorrect image shown when selecting Black + Size S	Major	Open
DEF_UI_002	TC_UI_SC_ED_006	Cart mismatch - Purpole color shown for Black selection	Critical	Open
DEF_UI_003	TC_UI_SC_ED_007	Variant mismatch when multiple products added	Critical	Open

7. Screenshots

TC_UI_SC_ED_002 – **Launch Evershop Demo Site**
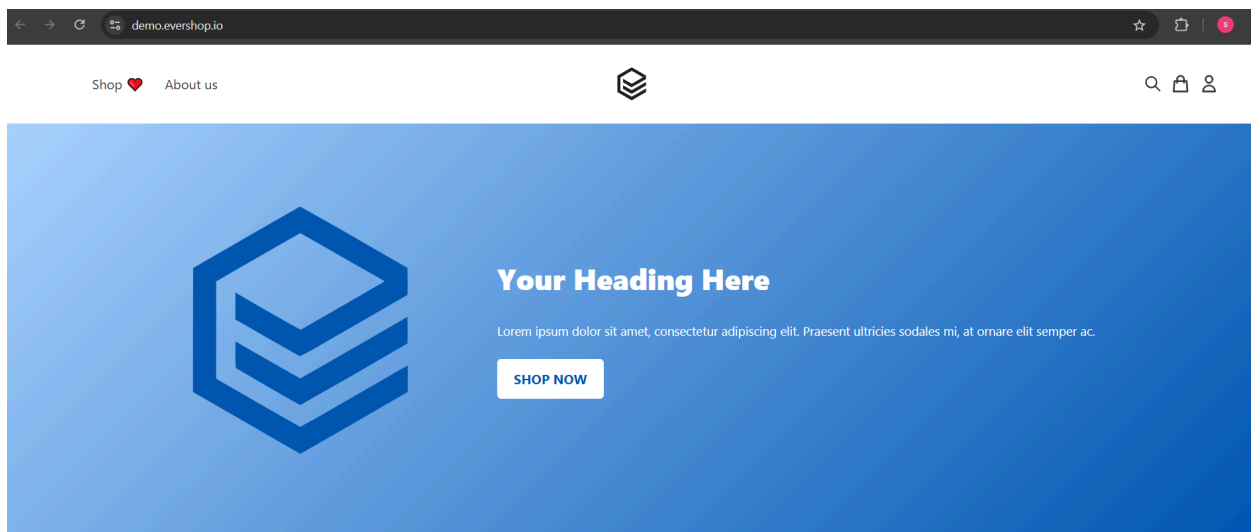
Screenshot 1.1 – Homepage Loaded Successfully

Note: **Launch Evershop site correct way no lag or error.**

TC_UI_SC_ED_003 –Product Variant Image Mismatch – Selecting Size S with Black color.
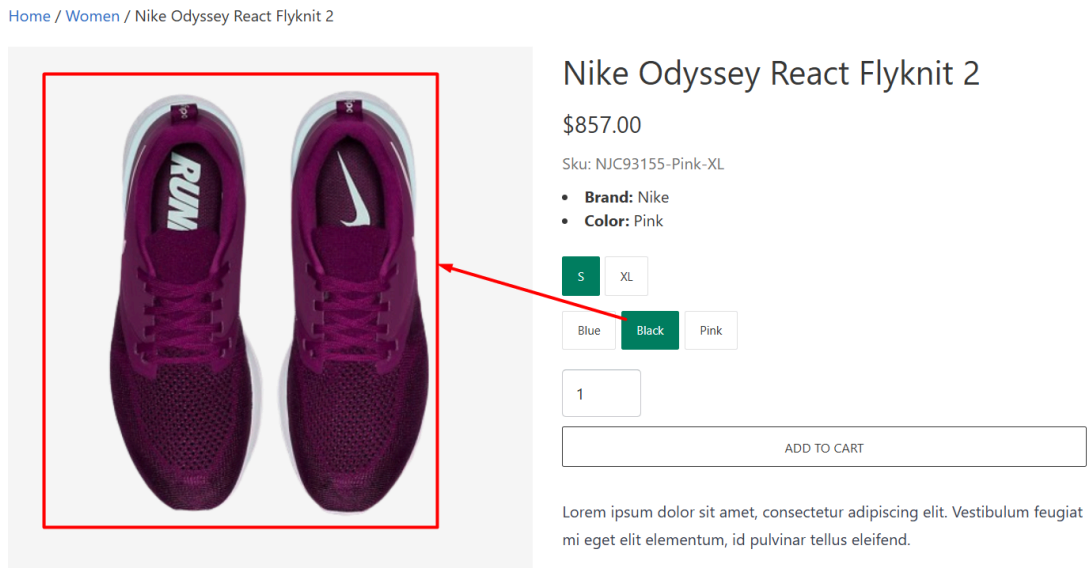
Note: **When selecting Size S and Black, the product image incorrectly shows a Pink-colored product, which doesn't match the selected variant.**

TC_UI_SC_ED_004 –Add Product to Cart
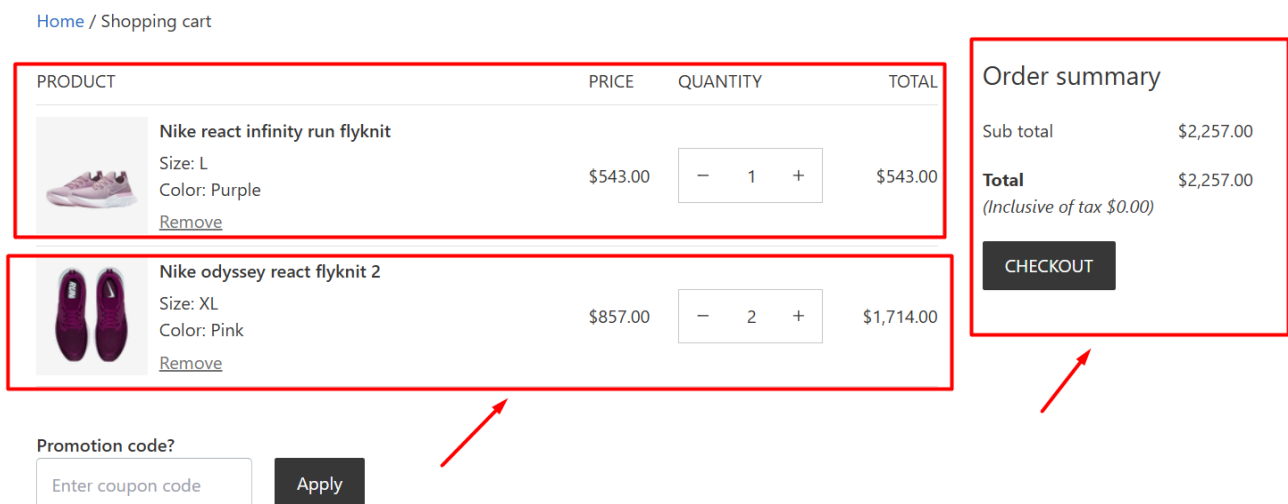
Note: **Product added to cart successfully but product add in mitmatch**

TC_UI_SC_ED_006 –Cart Displays Incorrect Product Variant (s size Black added, L size Purple shown)

Note: The cart incorrectly shows:Color: Pink Size: L.This does not match the user's selected product.

TC_UI_SC_ED_007 –Verify Cart Contents for Multiple Products – Variant Mismatch

Note: Cart displays incorrect combinations for one or both items:

Example: One shows Pink color, or Size M/L even though Black/Size S was selected

Product image may not match selection.

8. Test Summary

Total Test Cases	Passed	Failed	Blocked	Not Run
7	4	3	0	0

9. Recommendations

- Review the product variant mapping logic for image and cart synchronization.

- Introduce a warning or disable unavailable variant combinations dynamically in the UI.

- Implement variant validation in the cart to ensure integrity before checkout.

10. Conclusion

The shopping cart functionality of the Evershop Demo site generally works as intended for basic operations like product search, variant selection, and cart updates. However, **critical defects were identified** in handling product variant combinations, particularly when switching between sizes and colors or reviewing the cart. These issues must be prioritized and fixed to prevent customer confusion and incorrect orders.