# Responsiveness Testing

The **Responsiveness** test was conducted across multiple platforms including Edge, Chrome, and mobile devices to ensure the website adapts seamlessly to different screen sizes. The expected result of the application being fully responsive was achieved, confirming that the website functions properly on all devices without layout or design issues. This critical test case passed successfully with no issues detected.
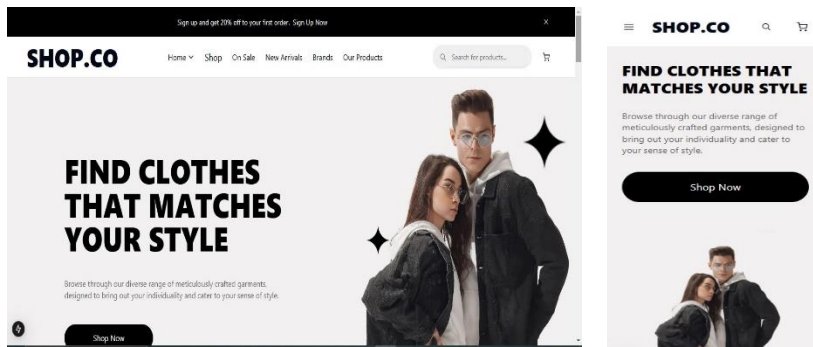

Product Listing Page Validation

The **Product Listing Page** test involved verifying the correct display of all listed products retrieved via the API. The data was validated for accuracy and completeness, and the products were displayed as expected on the page. To ensure the reliability of the data, it was sanity-checked, and a test SMS was sent to confirm the data accuracy. Upon verification, the data was requested again, and the products were displayed correctly. This functionality passed successfully, confirming that the product listing page is functioning as intended and displays accurate data from the API.
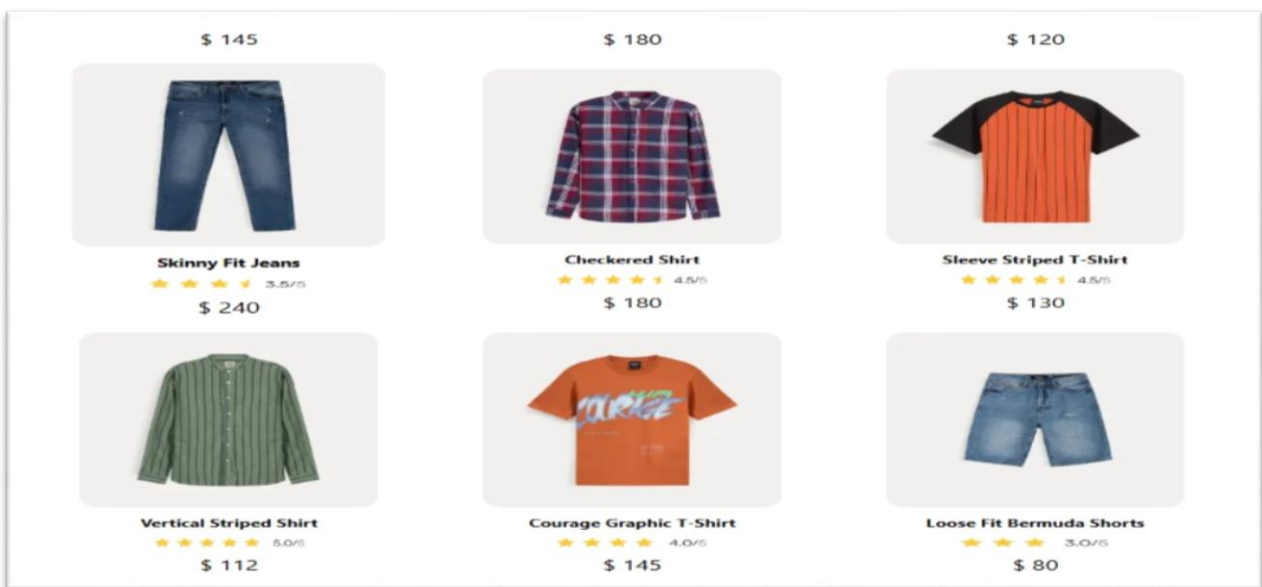
Cart Functionality: Update and Deletion Testing

The **Cart Update and Deletion Testing** validated the functionalities related to updating product quantities and removing items from the cart. Users were able to update the quantity of products and delete items seamlessly. In addition, the accuracy of discount calculations and the total bill was checked, ensuring that all values were correct. The test passed successfully, and the cart reflected the accurate information and calculations.
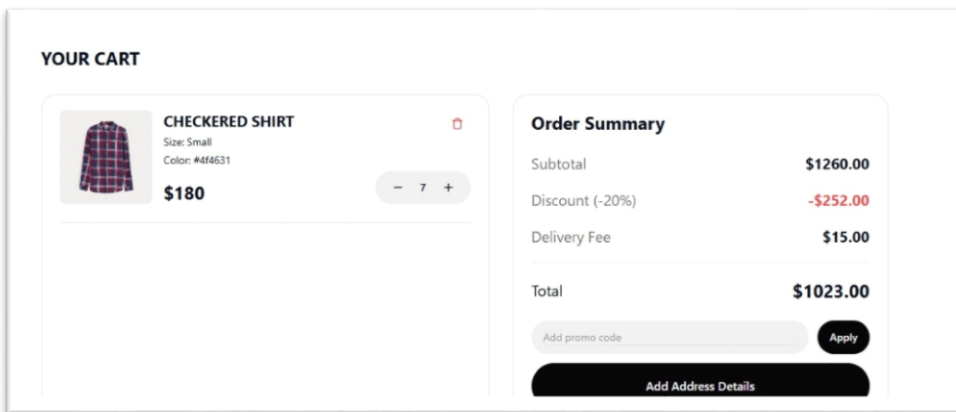

Search Bar Functionality

The **Search Bar** was tested for its ability to filter products based on user input such as product name, price, and category. The expected functionality was achieved, with the search bar accurately filtering the results based on the entered criteria. The test passed successfully, confirming the effectiveness of the search feature in locating products based on user preferences.
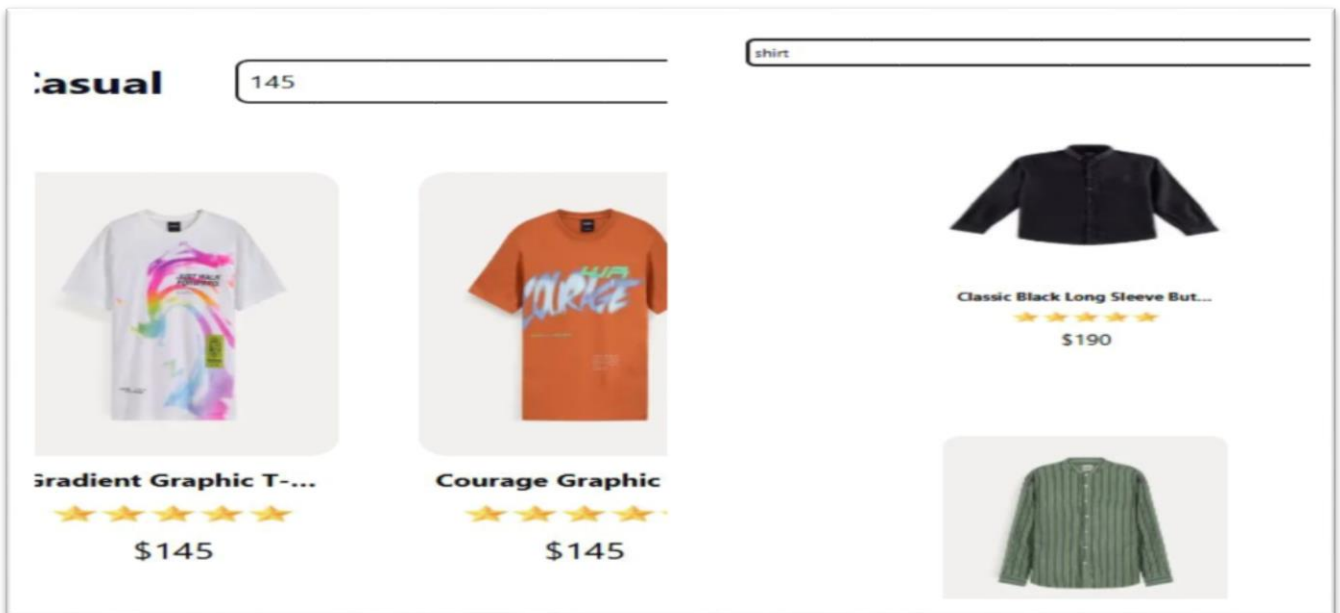
Filtering Functionality

The **Filtering** feature was tested by checking if the various filters—such as color, size, category, and price—worked as expected when applied on the product listing page. While the functionality passed successfully, some improvements were identified to ensure that the filtering process works more efficiently. The test result showed the feature's potential but highlighted the need for further optimization.
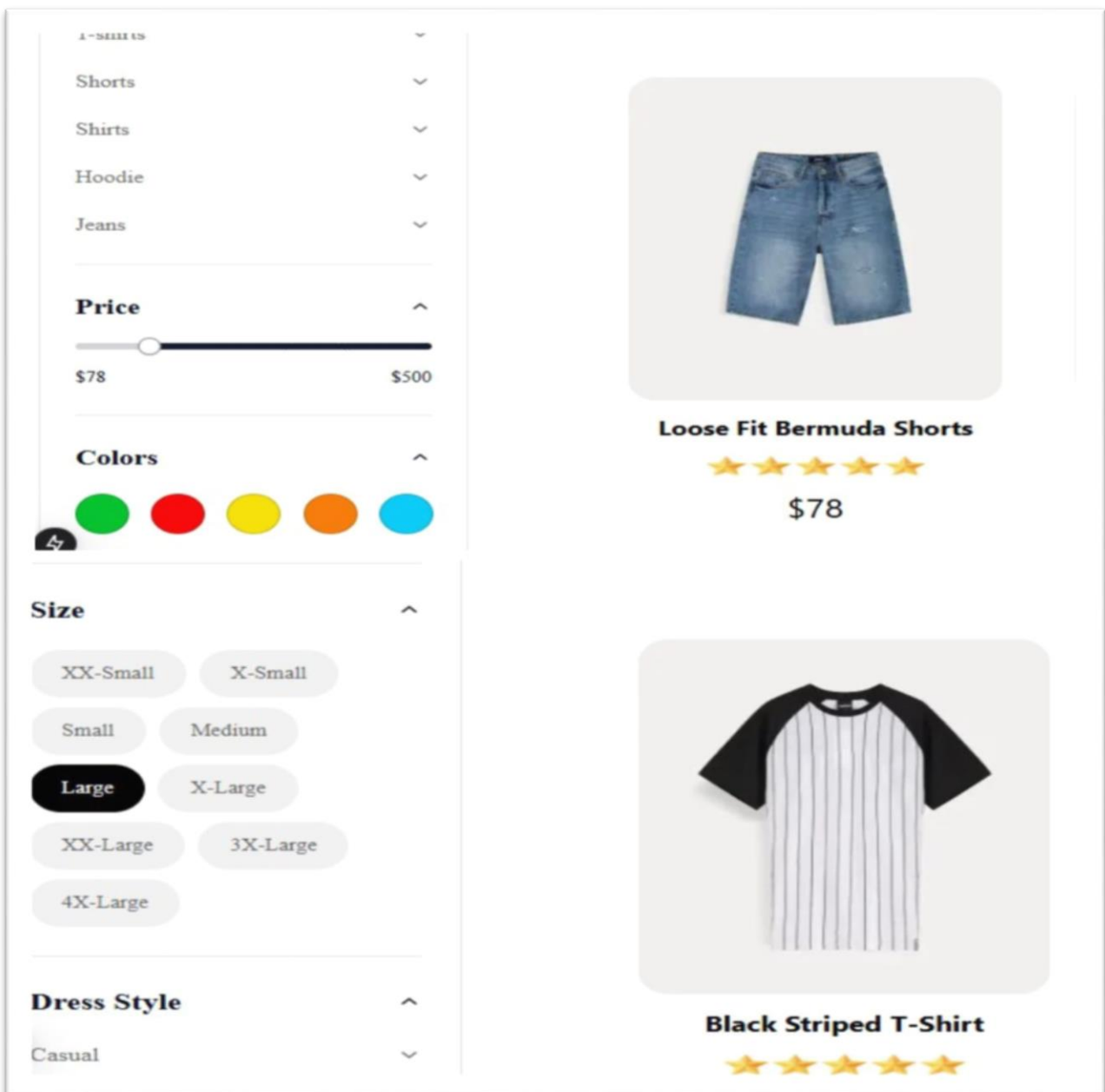
Shipment Process Testing

The **Shipment Process** test case involved verifying the accuracy and functionality of the checkout process, including entering details, generating shipment labels, and confirming the shipment status. While the test was successful in generating labels and shipment details, there is room for improvement in the backend processes to ensure a more seamless and efficient shipment flow. The test highlighted areas for improvement but passed overall.

Testing Report

Test Case ID	Test Case Name	Steps	Expected Result	Actual Result	Status	Remarks	Severity
TC001	Check Responsiveness	Open Edge, Chrome, Mobile	Fully Responsive On All Devices	Fully Responsive On All Devices	Passed	Passed	Minor
TC002	Check Dynamic Routing	Click On Route Links (Home, About, Product, Shop) On Navbar	Clicking On A Route Should Navigate To The Correct Page	Clicking On A Route Navigates To The Correct Page	Passed	Passed	Minor
TC003	Validate Product Listing Page Via Api	Open The Product Page And Verify Listed Products	All Products Should Be Displayed Correctly	All Products Are Displayed Correctly	Passed	Passed	Major
TC004	Validate Dynamic Routing (Product Details)	Click On A Product > Verify Full Details	Product Details Should Be Displayed Correctly	Product Details Are Displayed Correctly	Passed	Passed	Major
TC005	Check Cart Functionality	Click On "Add To Cart" > Verify Cart Content	Cart Should Display Correct Size, Quantity, And Product	Cart Displays Correct Size, Quantity, And Product	Passed	Passed	Minor
TC006	Check Cart Functionality (Quantity & Deletion)	Click On Button To Update Quantity Or Delete Item	Quantity Should Update Correctly, Item Should Be Deleted Correctly, Discount And Total Bill Should Be Correct	Quantity Updates Correctly, Item Deletes Correctly, Discount And Total Bill Are Correct	Passed	Passed	Critical
TC007	Check Filtering	Click On Shop Route And Check Filtering Options	Filters (Color, Size, Category, Price) Should Work Correctly	Filters Are Working But Need Improvement	Passed	Needs Improvement	Major
TC008	Check Search Bar For Product	Click On Search Bar And Enter Product Name, Price, Or Category	The Searched Product Should Be Filtered Correctly	The Searched Product Is Filtered Correctly	Passed	Successful	Minor
TC009	Check Shipment Process	Click On Product > Add To Cart > Checkout > Enter Details > Verify Shipment	Shipment Status Should Be Correct, Label Should Be Generated, Delivery Details Should Be Correct	Shipment Status And Label Are Generated Correctly But Need Backend Improvements	Passed	Needs Improvement In Backend	Critical

63	89	93	100
Performance	Accessibility	Best Practices	SEO
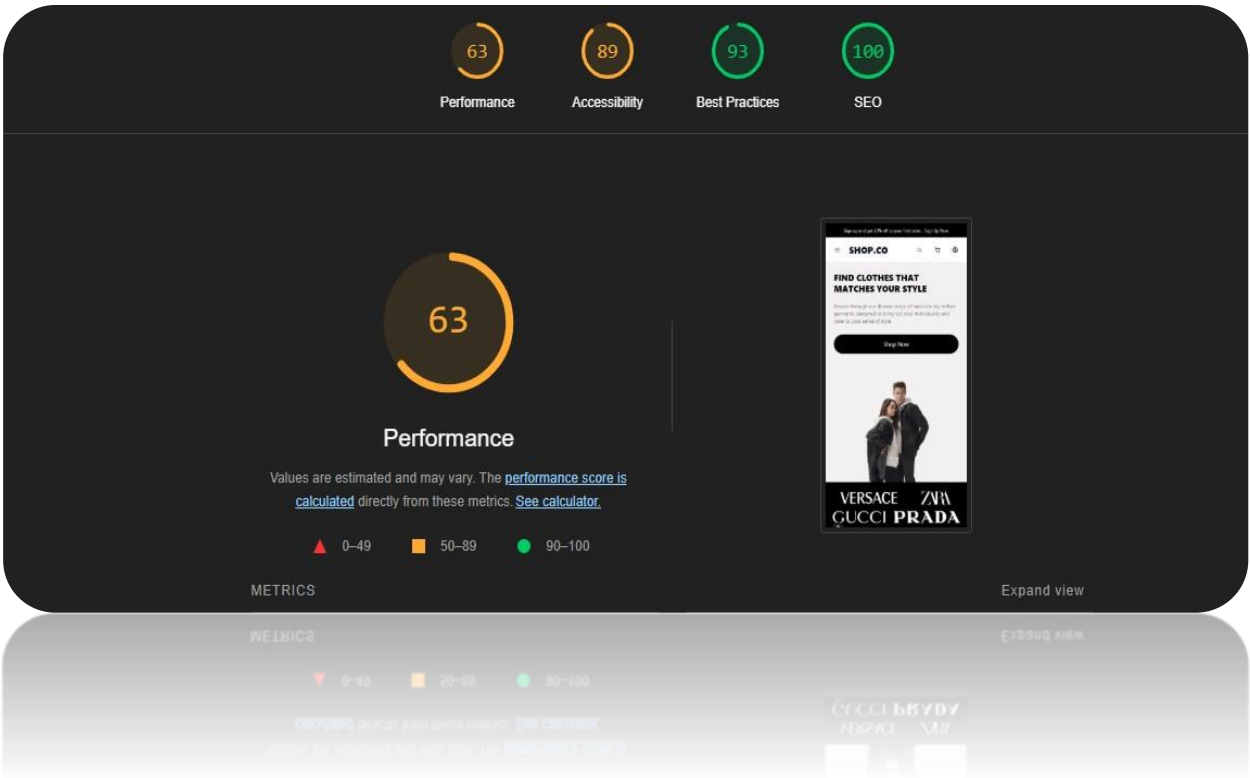
63

Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49   ■ 50–89   ● 90–100

METRICS

Expand view