

Day 5 : Testing Error Handling & Backend Integration

Refinement – (Q-Commerce)

Test Cases Executed and Their Results :-

1. Test Case ID : TC001

Test Case Description: Validate the functionality of the Product Listing Page.

Test Steps:

1. Navigate to the Products Page.
2. Verify that all products are displayed correctly.

Expected Result:

The Product Listing Page should display all products accurately, including their images, descriptions, prices, and availability status.

Actual Result:

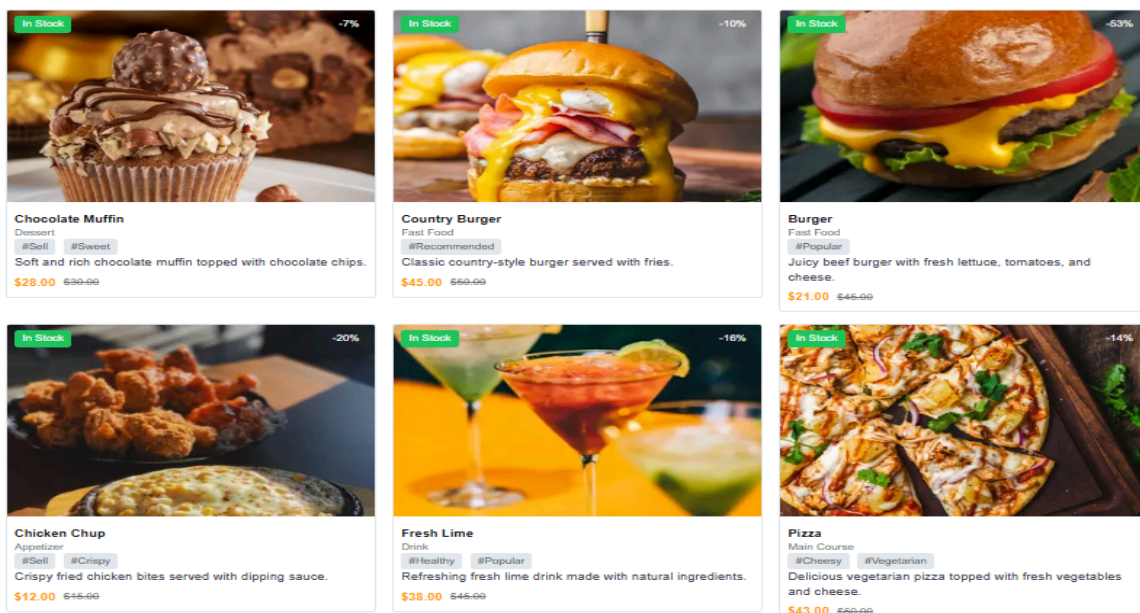
All products were displayed as expected, with no visual or functional issues detected.

Severity Level: Low

Assigned To: (Not Assigned)

Remarks:

The test was successful, and no issues were found during validation.



2. Test Case ID : TC002

Test Case Description: Validate API Error Handling for Data Fetching of Products

Test Steps:

1. Simulate a disconnection in the GROQ query.
2. Refresh the page to trigger the error handling mechanism.

Expected Result:

An appropriate error message should be displayed on the screen, clearly informing the user of the issue.

Actual Result:

The error message was displayed on the screen as expected, providing clear feedback to the user.

Severity Level: Low

Assigned To: (Not Assigned)

Remarks:

Error handling works as expected. Consider refining the user experience to ensure graceful handling of such scenarios.

```
if (error) {
  return (
    <div className="text-gray-600 p-4 text-lg font-semibold flex flex-col items-center justify-center min-h-screen">
      <p>{error}</p>
      <button
        onClick={fetchData}
        className="mt-4 bg-[#FF9F0D] text-white px-6 py-3 rounded-lg hover:bg-orange-600 flex items-center"
      >
        <FaRedo className="mr-2" />
        Retry
      </button>
    </div>
  );
}
```

Failed to fetch products. Please try again.

 **Retry**

3. Test Case ID : TC003

Test Case Description: Validate Cart Functionality

Test Steps:

1. Add a product to the cart.
2. Navigate to the cart page.

Expected Result:

The selected product(s) should be displayed in the cart with accurate details such as name, quantity, price, and any applicable discounts.

Actual Result:

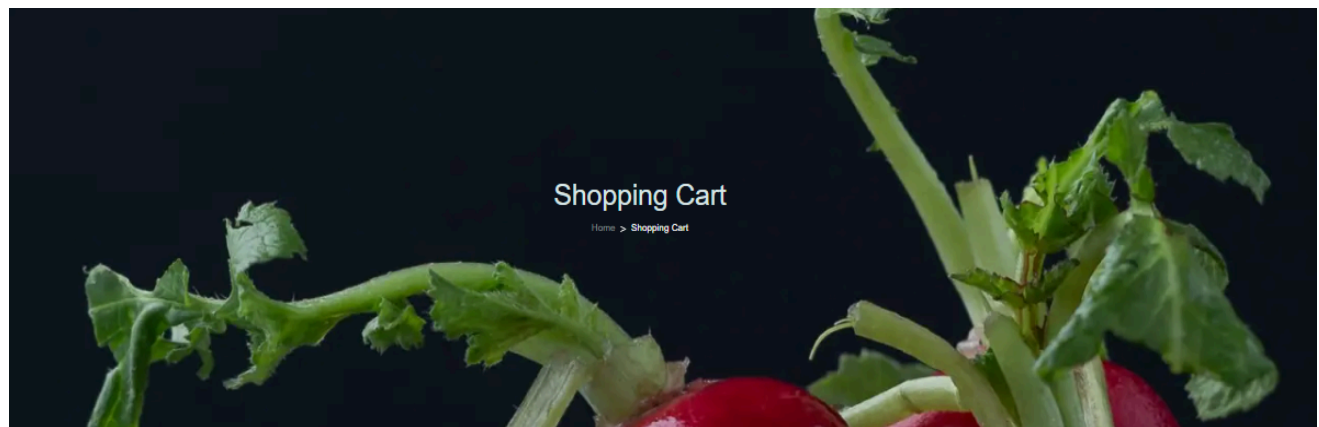
The selected product(s) are displayed in the cart as expected, with all details accurately shown.





Severity Level: Medium

Assigned To: (Not Assigned)

Remarks:

Cart functionality is working as expected.



Product	Price	Quantity	Total	Remove
 Burger	\$21.00	<input type="text" value="4"/>	\$84.00	×
 Country Burger	\$45.00	<input type="text" value="6"/>	\$270.00	×
 Chocolate Muffin	\$28.00	<input type="text" value="1"/>	\$28.00	×
 Chicken Chup	\$12.00	<input type="text" value="1"/>	\$12.00	×

Coupon Code

Apply

Total Bill

Cart Subtotal	\$384
Shipping Charge	\$00
Total Amount	\$384

Proceed to Checkout

4. Test Case ID : TC004

Test Case Description: Validate Mobile Responsiveness

Test Steps:

1. Open the website in a browser.
2. Enable the device toolbar in the browser's developer tools.
3. Verify the content display and layout.

Expected Result:

The content should adjust and display properly according to the selected mobile device's screen size, ensuring a responsive layout and seamless user experience.

Actual Result:

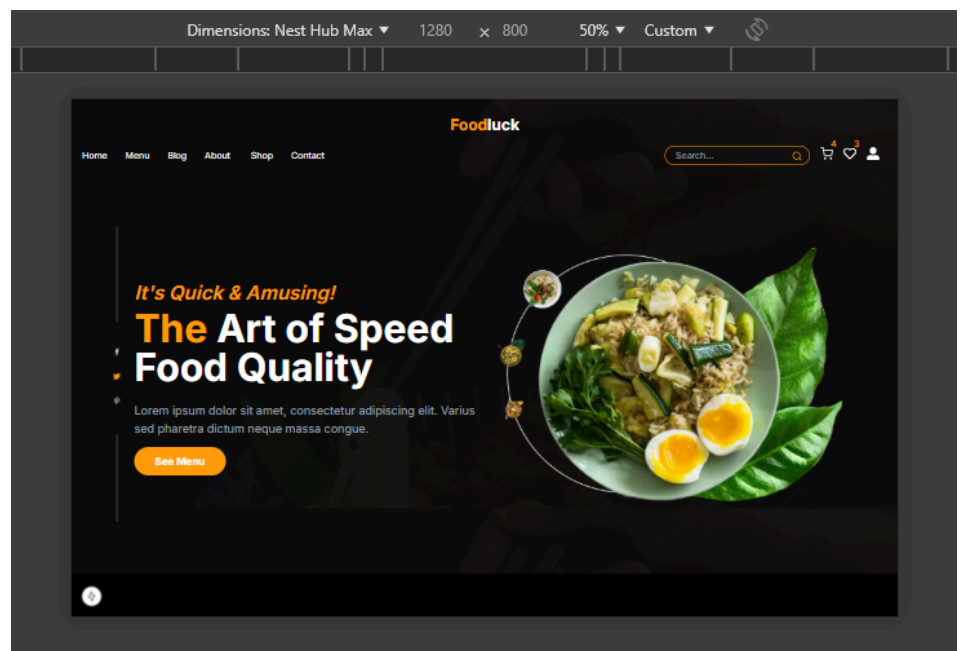
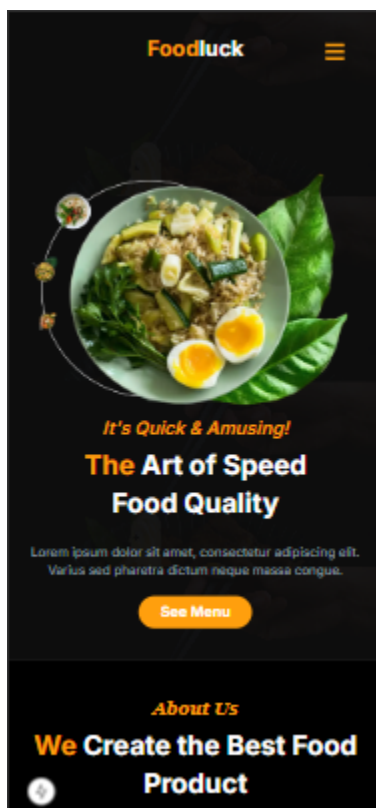
The content adjusts and displays correctly based on the selected mobile device, maintaining responsiveness.

Severity Level: Medium

Assigned To: (Not Assigned)

Remarks:

The application is responsive on mobile devices.



5. Test Case ID : TC005

Test Case Description: Validate Dynamic Product Detail Pages

Test Steps:

1. Navigate to the product page.
2. Click on any product card to view its details.

Expected Result:

The corresponding dynamic product detail page should open.

Actual Result:

The dynamic product detail page successfully opened.

Severity Level: Low

Assigned To: -

Remarks: Test was successful, no issues were encountered.



Chicken Chup

Crispy fried chicken bites served with dipping sauce.

\$12

\$15

★★★★★ (3 Reviews)

Quantity

1

Add to Cart

Add to Wishlist

Description Reviews (3)

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla eu nulla ac turpis euismod efficitur.

- ✓ Delicious and fresh
- ✓ Healthy and organic
- ✓ High-quality ingredients

6. Test Case ID : TC006

Test Case Description: Cross-Browser Compatibility Testing on Opera

Test Steps:

1. Open our website using the Opera browser.
2. Ensure the website functions as expected.

Expected Result:

The website should render and function correctly on the Opera browser.

Actual Result:

The website is working correctly on the Opera browser.

Severity Level: Low

Assigned To: -

Remarks: Test completed successfully on Opera without any issues.

