

Day 5 - Testing Error Handling and Backend Integration Refinement

Executed Test Cases and Observations:

1. Test Case ID: TC001

Description: Check Nike Website Product Page Functionality.

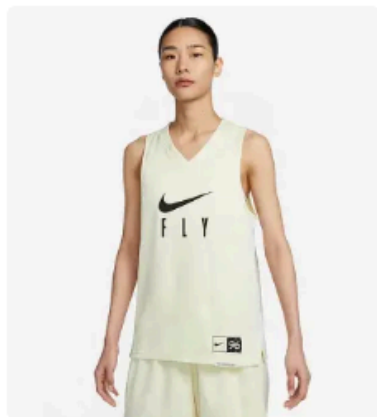
Steps: Open the product page > Review displayed items.

Expected Result: All products should load properly.

Actual Result: Products loaded without any errors.

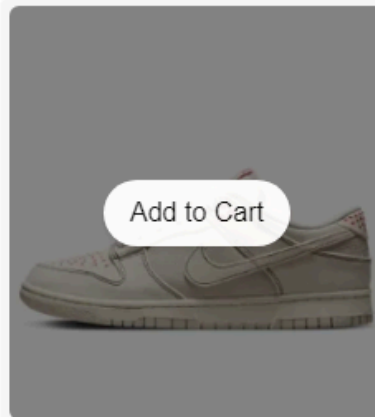
Severity Level: Low.

Remarks: No Issue Found.



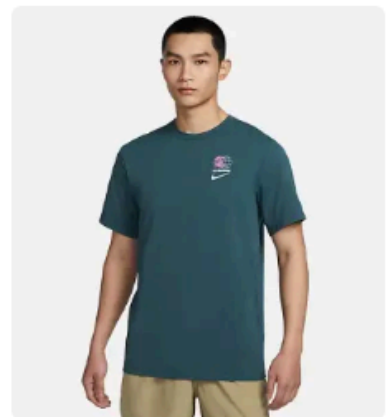
**Nike Standard Issue
Basketball Jersey**

₹2895



**Nike Dunk Low Retro
SE**

₹9695



**Nike Dri-FIT UV
Hyverse**

₹2495

2. Test Case ID: TC002

Description: Validate API Error Handling.

Steps: Disable Gorq Query > Refresh the page.

Expected Result: An appropriate error message should appear on the screen.

Actual Result: Error message displayed successfully.

Severity Level: Low.

Remarks: Handle Gracefully.

Failed to load products. Please try again later.

```
export default function ProductCard() {
  const [product, setProduct] = useState<Product[] | null>(null);
  const [loading, setLoading] = useState<boolean>(true);
  const [error, setError] = useState<string | null>(null);

  useEffect(() => {
    async function productData() {
      try {
        const productFetchData: Product[] = await client.fetch(groq`*[_type == "product"]{
          productName,
          price,
          image,
          color,
          description,
          inventory,
          category,
          status,
          _id
        }`);
        setProduct(productFetchData);
      } catch (err) {
        setError("Failed to load products. Please try again later.");
      } finally {
        setLoading(false);
      }
    }
    productData();
  }, []);

  const dispatch = useAppDispatch();

  if (loading) return <p className="text-center text-lg">Loading products...</p>;
  if (error) return <p className="text-center text-lg text-red-500">{error}</p>;
```

3. Test Case ID: TC003

Description: Verify Checkout Button Functionality.

Steps:


- 1. Add a product to the cart.
- 2. Go to the cart page.
- 3. Click the "Checkout" button.

Expected Result: Redirects to the payment page seamlessly.

Actual Result: Successfully redirected to the payment page.



Severity Level: Medium.

Remarks: Successfully.



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Q Search



Free Delivery

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Bag




Nike Dunk Low Retro SE

The Nike Dunk Low Retro SE brings vintage vibes with a modern twist. Featuring premium materials and a neutral color palette, this classic sneaker is versatile, stylish, and perfect for any casual occasion.

MRP: \$9695

-4+

Remove



Nike Court Vision Low

The Nike Court Vision Low blends basketball-inspired style with everyday comfort. Featuring a sleek design and durable materials, this versatile shoe is perfect for any casual wardrobe.

MRP: \$5695

-1+

Remove

Summary

Subtotal

\$56370

Estimated Delivery & Handling

Free

Total

\$56370

Member Checkout

4. Test Case ID: TC004

Description: Validate Dynamic Product Detail Pages.

Steps:

1. Open the product page.
2. Click on any product card.

Expected Result: Opens the product detail page.

Actual Result: Successfully opened the product detail page.

Severity Level: low.

Remarks: Successfully.




Nike Court Vision Low

The Nike Court Vision Low blends basketball-inspired style with everyday comfort. Featuring a sleek design and durable materials, this versatile shoe is perfect for any casual wardrobe.

₹ 5695

Total: ₹ 5695

 **Add To Cart**

5. Test Case ID: TC005

Description: Cross-Browser Compatibility.

Steps:

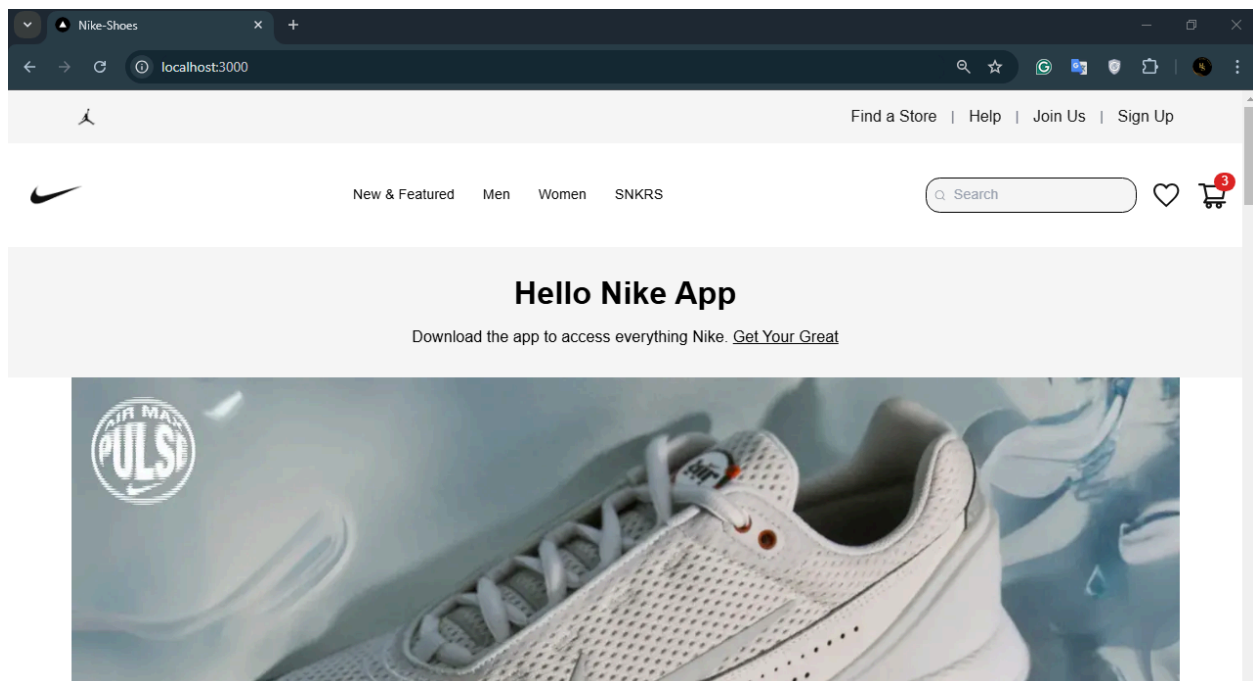
1. Open the website on different browsers (e.g., Yahoo, Chrome, Firefox, etc.)
2. Check functionality, noting that it works best on Chrome.

Expected Result: The website should work correctly across all browsers.

Actual Result: Website functions properly on all browsers, but Chrome offers the best performance.

Severity Level: Low.

Remarks: Successfully.



6. Test Case ID: TC006

Description: Ensure Mobile Responsiveness.

Steps:

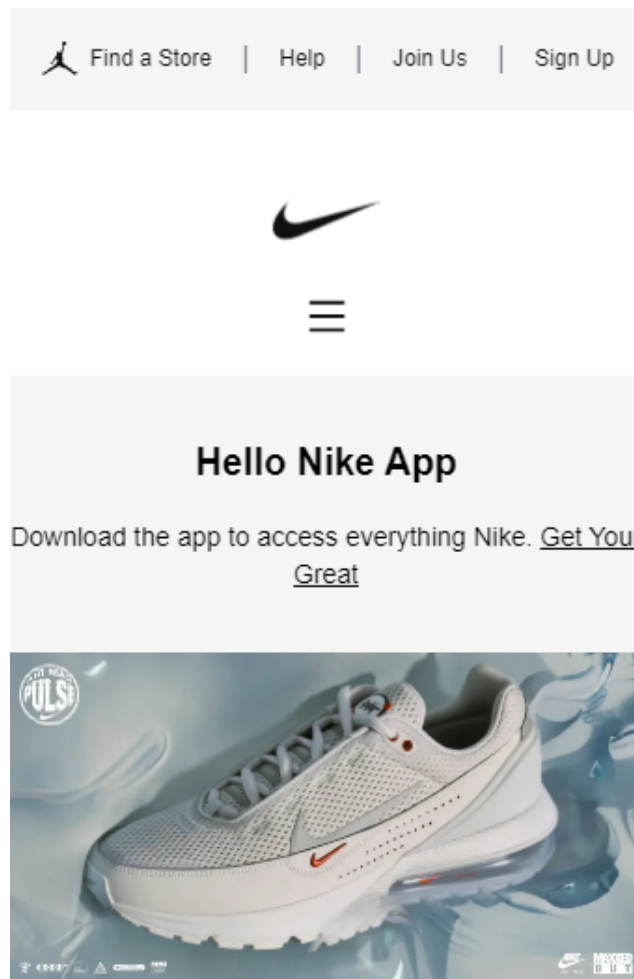
1. Inspect the website.
2. Use Device Toolbar and select a mobile device.

Expected Result: Content adjusts based on the selected device.

Actual Result: Content adjusts correctly.

Severity Level: Medium.

Remarks: Responsive.



First Look

Performance:

