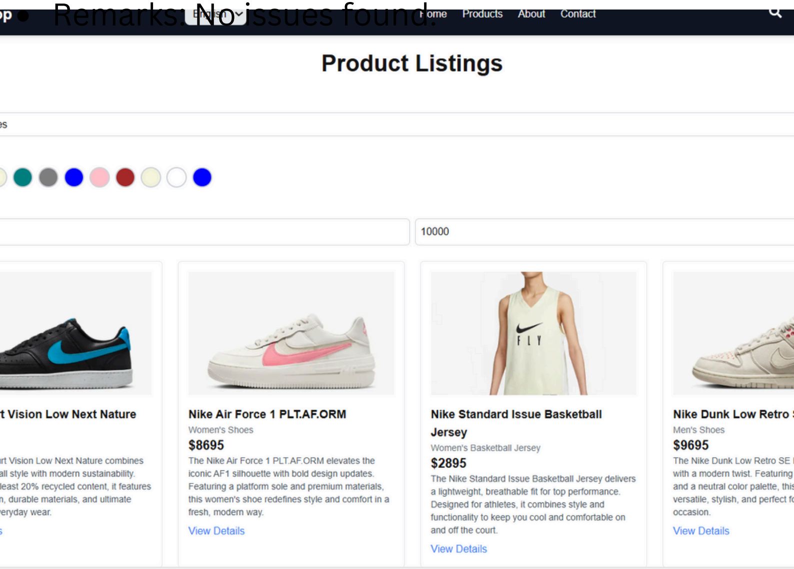
Testing and Backend Refinement task 5

- **Test Case TC001:**
- Validate Product Listing Page
- Test Case Description: Validate the product listing page.
- Test Steps: Open the product page and verify the products.
- Expected Result: Products are displayed correctly.
- Actual Result: Products are displayed correctly.
- Status: Passed
- Severity Level: High
- Assigned To: -
- Remarks: No issues found.



Product Listings

es

10000

t Vision Low Next Nature

rt Vision Low Next Nature combines all style with modern sustainability. least 20% recycled content, it features n, durable materials, and ultimate veryday wear.

s

Nike Air Force 1 PLT.AF.ORM

Women's Shoes

$8695

The Nike Air Force 1 PLT.AF.ORM elevates the iconic AF1 silhouette with bold design updates. Featuring a platform sole and premium materials, this women's shoe redefines style and comfort in a fresh, modern way.

View Details

Nike Standard Issue Basketball Jersey

Women's Basketball Jersey

$2895

The Nike Standard Issue Basketball Jersey delivers a lightweight, breathable fit for top performance. Designed for athletes, it combines style and functionality to keep you cool and comfortable on and off the court.

View Details

Nike Dunk Low Retro

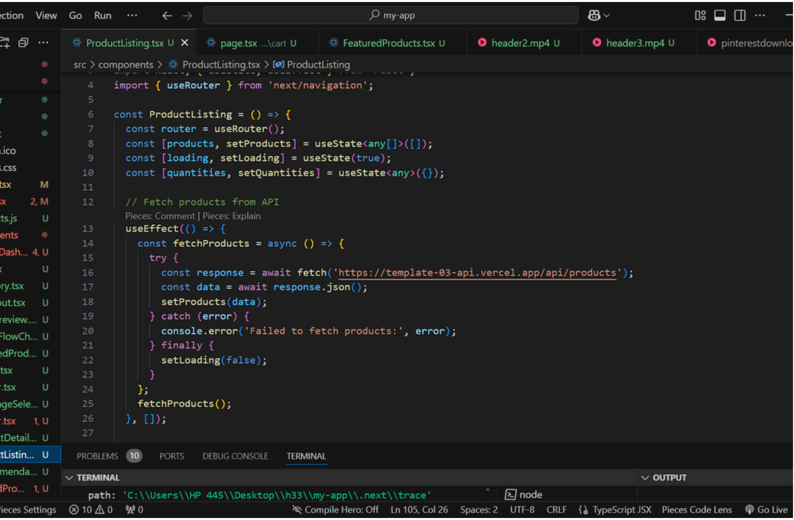
Men's Shoes

$9695

The Nike Dunk Low Retro SE with a modern twist. Featuring and a neutral color palette, this versatile, stylish, and perfect f occasion.

View Details

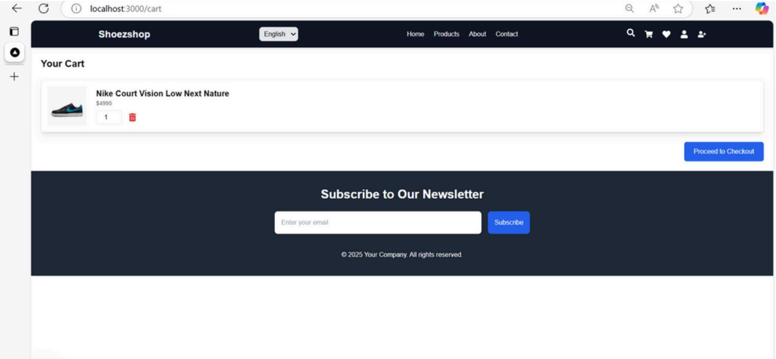
- **Test Case TC002:**
- Test API Error Handling
- Test Case Description: Test error handling when the API is disconnected.
- Test Steps: Disconnect the API and refresh the page.
- Expected Result: Show a fallback UI with an error message.
- Actual Result: Error message shown.
- Status: Passed
- Severity Level: Medium
- Assigned To: -
- Remarks: Handled gracefully.



```tsx
import { useRouter } from 'next/navigation';

const ProductListing = () => {
  const router = useRouter();
  const [products, setProducts] = useState<any[]>([]);
  const [loading, setLoading] = useState(true);
  const [quantities, setQuantities] = useState<any>({});

  // Fetch products from API
  useEffect(() => {
    const fetchProducts = async () => {
      try {
        const response = await fetch('https://template-03-api.vercel.app/api/products');
        const data = await response.json();
        setProducts(data);
      } catch (error) {
        console.error('Failed to fetch products:', error);
      } finally {
        setLoading(false);
      }
    };
    fetchProducts();
  }, []);

```

```
path: 'C:\\Users\\HP 445\\Desktop\\h33\\my-app\\.next\\trace'
```

- **Test Case TC003:**
- Check Cart Functionality
- Test Case Description: Verify the cart functionality.
- Test Steps: Add a product to the cart and verify the cart contents.
- Expected Result: The cart updates with the added product.
- Actual Result: The cart updates as expected.
- Status: Passed
- Severity Level: High
- Assigned To: -
- Remarks: Works as expected.



localhost:3000/cart

Your Cart

Nike Court Vision Low Next Nature
$4995
1

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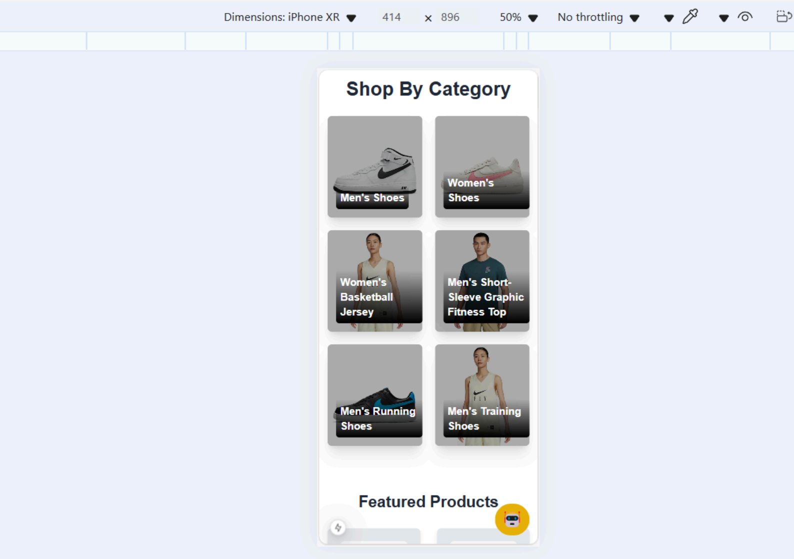
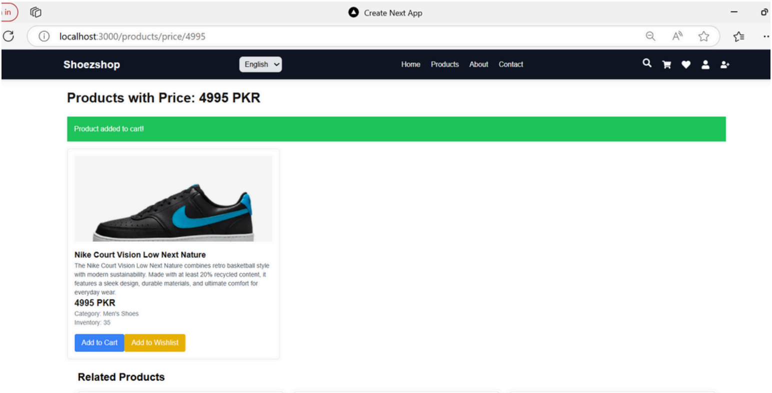
- **Test Case TC004:**
- Ensure Responsiveness on Mobile
- Test Case Description: Check the responsiveness of the page on mobile devices.
- Test Steps: Resize the browser window and check the layout.
- Expected Result: The layout adjusts properly to the screen size.
- Actual Result: The responsive layout is working as intended.
- Status: Passed
- Severity Level: Medium
- Assigned To: -
- Remarks: Successful.



Dimensions: iPhone XR ▼ 414 × 896 50% ▼ No throttling ▼

- **Test Case TC005:**
- Product Detail Page
- Test Case Description: Check the product detail page.
- Test Steps: Open the product page and view the details.
- Expected Result: The product should be displayed correctly.
- Actual Result: The product displays correctly.
- Status: Passed
- Severity Level: Medium
- Assigned To: -
- Remarks: Works as expected.



Products with Price: 4995 PKR

Product added to cart!

Nike Court Vision Low Next Nature

The Nike Court Vision Low Next Nature combines retro basketball style with modern sustainability. Made with at least 20% recycled content, it features a sleek design, durable materials, and ultimate comfort for everyday wear.

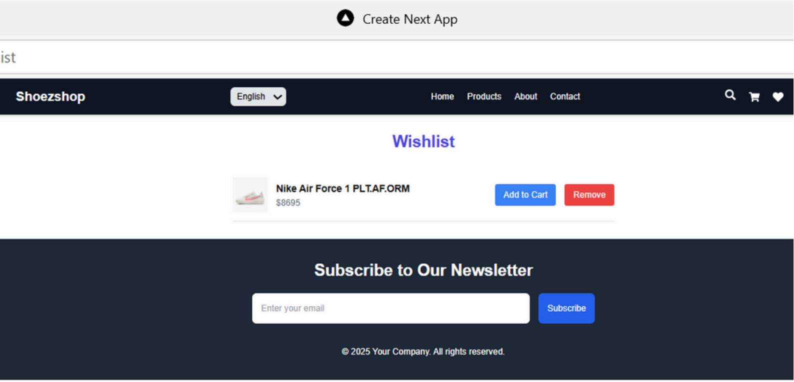
4995 PKR

Category: Men's Shoes

Inventory: 35

Related Products

- **Test Case TC006:**
- Wishlist Functionality
- Test Case Description: Verify the wishlist functionality.
- Test Steps: From the product listing, add a product to the wishlist.
- Expected Result: The product should be added to the wishlist.
- Actual Result: The product was successfully added.
- Status: Passed
- Severity Level: High
- Assigned To: -
- Remarks: Successful.



Wishlist

Nike Air Force 1 PLT.AF.ORM

$8695

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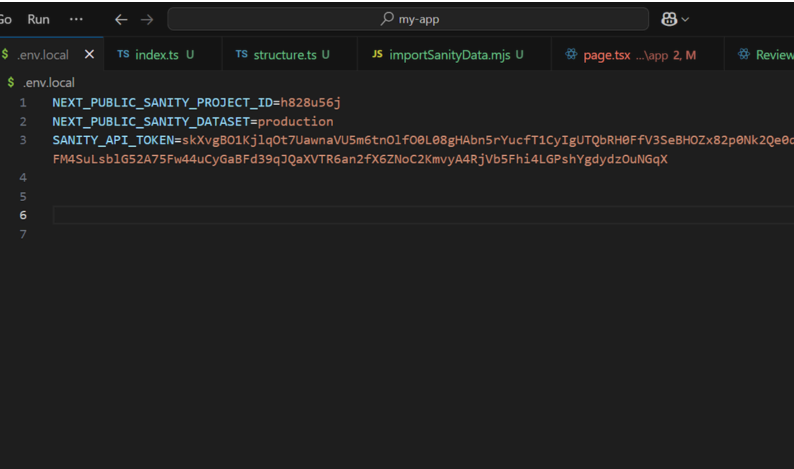
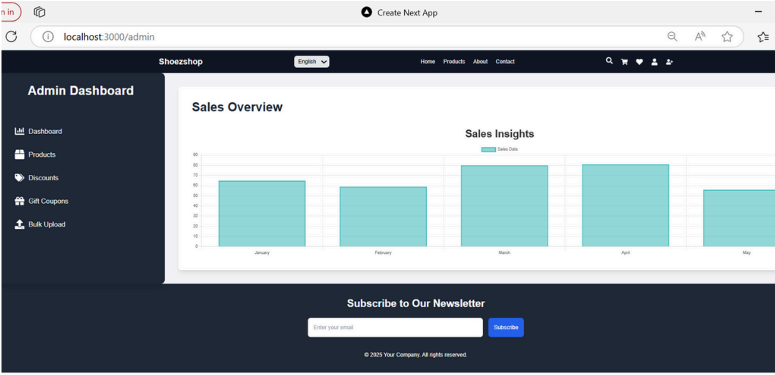
- **Test Case TC007:**
- Validate Security
- Test Case Description: Ensure all private keys are securely stored in the .env.local file.
- Test Steps:
- Verify the presence of all required private keys in the .env.local file.
- Confirm that no private keys are exposed in the codebase.
- Test application functionality to ensure environment variables are being utilized correctly.
- Expected Result:
- All private keys should be securely stored in the .env.local file with no exposure in the codebase.
- Actual Result:
- All private keys were verified and securely stored in .env.local.
- Status: Passed
- Severity Level: High
- Assigned To: -
- Remarks: Works as expected.

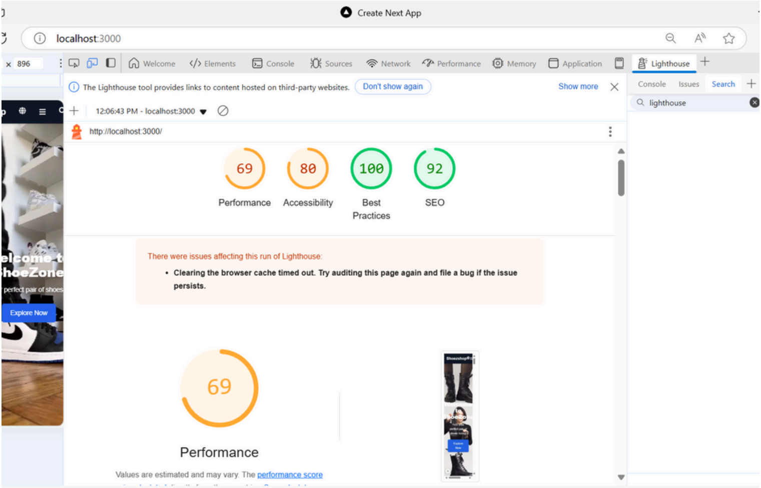


```
NEXT_PUBLIC_SANITY_PROJECT_ID=h828u56j
NEXT_PUBLIC_SANITY_DATASET=production
SANITY_API_TOKEN=skXvgBO1KjlqOt7UawnaVU5m6tnOlfO0L08gHAbn5rYucfT1CyIgUTQbRH0FfV3SeBHOZx82p0Nk2Qe0d
FM4SuLsblG52A75Fw44uCyGaBFd39qJQaXVTR6an2fX6ZNoC2KmvyA4RjVb5Fhi4LGPshYgdydzOuNGqX
```

- **Test Case TC008**: Admin Dashboard Functionality
- Test Case Description: Validate the functionalities of the Admin Dashboard, including sales overview, product management, voucher and coupon management, and bulk upload.
- Test Steps:
- Navigate to the Admin Dashboard.
- Access and test the following features:
- Sales Overview: Verify data accuracy in sales analytics.
- Product Management: Test product creation, updates, and deletion.
- Voucher and Coupon Management: Validate voucher and coupon operations.
- Bulk Upload: Ensure product data is uploaded correctly in bulk.
- Expected Result:
- All functionalities in the Admin Dashboard should work seamlessly.
- Actual Result:
- All features were tested and worked correctly.
- Status: Passed
- Severity Level: Medium
- Assigned To: -
- Remarks: Successfully validated.



Perfomance



The Lighthouse tool provides links to content hosted on third-party websites.

12:06:43 PM - localhost:3000

http://localhost:3000/

69 Performance

80 Accessibility

100 Best Practices

92 SEO

There were issues affecting this run of Lighthouse:

- **Clearing the browser cache timed out. Try auditing this page again and file a bug if the issue persists.**

69

Performance

Values are estimated and may vary. The performance score

Checklist

FUNCTIONAL		✓
ERROR HANDLING		✓
PERFOMANCE		✓
CROSS BROWSER		✓
SECURITY		✓
DOCUMENTATION		✓
FINAL REVIEW		✓