

DAY 5 TESTING AND REFINEMENT

Overview

Functional testing to ensure smooth product browsing, filtering, and cart operations.

Robust error handling with user-friendly fallback messages and optimized try-catch blocks.

Performance optimization using Lighthouse audits, lazy loading, and image compression.

Cross-browser and device testing for flawless responsiveness.

Security measures to protect users and secure interactions.

User Acceptance Testing (UAT) to refine the overall user experience.

End Result: A high-performing, secure, and deployment-ready marketplace that's built to scale.

FULLY RESPONSIVE

THIS IS THE FULLY RESPONSIVE PRODUCT LISTING PAGE WHICH IS FETCHING DYNAMIC PRODUCTS DATA FROM SANITY AND DISPLAYING IN UI.

The desktop view shows a grid of products from various brands. At the top, brand logos for VERSACE, ZARA, GUCCI, PRADA, and Calvin Klein are displayed. Below them is a section titled "NEW ARRIVALS" featuring five products:

- T-shirt with Tape Details**: A black t-shirt. Rating: 4.4/5. Price: \$120.
- Skinny Fit Jeans**: An image of jeans. Description: "Stylish and durable skinny-fit denim." Rating: 3.5/5. Price: \$240, original \$260, -20% off.
- Checkered Shirt**: A red and blue plaid shirt.
- Sleeve Striped T-shirt**: An orange and black striped t-shirt. Rating: 3.5/5. Price: \$130, original \$160, -30% off.

A "View All" button is located at the bottom right of this section. A watermark for "Activate Windows Go to Settings to activate Windows" is visible in the bottom right corner of the page.

Desktop

NEW ARRIVALS

The mobile view shows a simplified layout with two items per row. The first item is a "T-shirt with Tape Details" and the second is "Skinny Fit Jeans". Each item has its name, rating (4.4/5 and 3.5/5 respectively), price (\$120 and \$208), and a small discount indicator (-30%). A "View All" button is located at the bottom right of the list.

Mobile View

FULLY RESPONSIVE PRODUCT DETAILS

THIS IS THE FULLY RESPONSIVE PRODUCT DETAILS PAGE WHICH IS FETCHING DYNAMIC PRODUCTS DATA AND SLUG FROM SANITY AND DISPLAYING IN UI.

The desktop view shows a large image of a pair of dark blue skinny-fit jeans. To the right, the product title is "Skinny Fit Jeans" with a 4.5/5 rating. The original price was \$260, now \$240, showing a 20% discount. A brief description follows: "Stylish and durable skinny-fit denim." Below this are color selection and size choice buttons. At the bottom, there's a quantity selector (1) and an "Add to Cart" button.

Desktop

The mobile view displays a large image of an orange t-shirt with black pinstripes on the body and black raglan sleeves. Below the image, the product title is "Sleeve Stripe T-Shirt" and the price is \$130. A detailed description highlights its design: "This product is a vibrant orange and black striped t-shirt with a sporty design. The shirt features vertical pinstripes in black on an orange base, complemented by contrasting black raglan sleeves for a casual, athletic-inspired look. Ideal for adding a bold touch to your casual wardrobe, this tee combines comfort and style, perfect for..." At the bottom, there's a "Activate Windows" message with a link to "Go to Settings to activate Windows".

Mobile View

Performance Report Of Shop.co



GT Matrix Report

Performance Metrics

The following metrics are generated using Lighthouse Performance data.

First Contentful Paint	OK, but consider improvement 936ms	Time to Interactive 1.0s
Speed Index	Good - Nothing to do here 943ms	Total Blocking Time 9ms
Largest Contentful Paint	Good - Nothing to do here 1.0s	Cumulative Layout Shift 0.03

Browser Timings

These timings are milestones reported by the browser.

<https://gtmetrix.com/reports/figma-template-main.vercel.app/NO3BgVXx/>

Import favorites | Nimrah-M-Jawaid | Github Profile | Tutor of all languages | @gaiac | Linktree | Dashboard | Clerk.c... | Dashboard | Clerk.c...

Summary | **Performance** | Structure | CrUX | Waterfall | Video | History | Alerts

IMPACT AUDIT

Show Audits Relevant to: All FCP LCP TBT CLS

Med-Low	Avoid multiple page redirects FCP LCP	Potential savings of 508ms
Low	Allow back/forward cache restoration	2 failure reasons
Low	Avoid long main-thread tasks TBT	2 long tasks found
Low	Avoid chaining critical requests FCP LCP	1 chain found
Low	Avoid enormous network payloads LCP	Total size was 645KB
Low	Reduce JavaScript execution time TBT	189ms spent executing JavaScript
Low	Avoid an excessive DOM size TBT	399 elements
Low	Reduce unused JavaScript LCP	Potential savings of 175KB
N/A	Largest Contentful Paint element LCP	1,010 ms
N/A	Reduce initial server response time FCP LCP	Root document took 12ms
N/A	Reduce the impact of third-party code TBT	Total size was 239KB
N/A	Eliminate render-blocking resources FCP LCP	Potential savings of 0 ms
N/A	Avoid large layout shifts CLS	

What do these audits mean?

These audits are best practices established by Google to help build websites for optimal front-end performance.

Each audit is assessed based on your adherence to them and ordered by the most likely impact to your page's performance.

Note that Structure audits do not directly affect your Performance score, however addressing them can serve as good starting point to improve page load times overall. Additionally, some of the audits are correlated and thus, fixing one audit may affect others.

[Learn about all the audits](#)

Need optimization help?

We've written various guides and articles to help you improve your page performance:

[How To Guides](#)

[Optimization Explained](#)

Need Assistance?

<https://gtmetrix.com/reports/figma-template-main.vercel.app/NO3BgVXx/>

Import favorites | Nimrah-M-Jawaid | Github Profile | Tutor of all languages | @gaiac | Linktree | Dashboard | Clerk.c... | Dashboard | Clerk.c...

Latest Performance Report for: https://figma-template-main.vercel.app

Report generated: Thu, Feb 6, 2025 1:29 PM -0800

Test Server Location: Canada

Using: Chrome 117.0.0.0, Lighthouse 11.0.0

GTmetrix Grade

A	Performance ? 97%	Structure ? 94%
----------	-----------------------------	---------------------------

Web Vitals

LCP ?	TBT ?	CLS ?
1.0s	9ms	0.03

Summary | Performance | **Structure** | CrUX | Waterfall | Video | History | Alerts

IMPACT AUDIT

Show Audits Relevant to: All FCP LCP TBT CLS

Med-Low	Avoid multiple page redirects FCP LCP	Potential savings of 508ms
---------	---------------------------------------	----------------------------

What do these audits mean?

These audits are best practices established by Google to help build websites for optimal front-end performance.

Light House Report

PageSpeed Insights

Copy Link Docs

Mobile Desktop

Diagnose performance issues

75 Performance 82 Accessibility 96 Best Practices 82 SEO

75 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

First Contentful Paint Largest Contentful Paint

Expand view

Activate Windows
Go to Settings to activate Windows

The screenshot shows a PageSpeed Insights report for the URL shop.co. The report is presented for the mobile platform. The overall score is 75, which is highlighted in orange. The report includes four main categories: Performance (75), Accessibility (82), Best Practices (96), and SEO (82). A large, prominent orange circle displays the Performance score of 75. Below this, there is a detailed breakdown of the Performance metric, stating: "Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator." There is also a preview of the website's mobile interface, featuring a sign-up offer and a "FIND CLOTHES THAT MATCHES YOUR STYLE" section. At the bottom, there are links for "First Contentful Paint" and "Largest Contentful Paint". On the right side, there are buttons for "Copy Link" and "Docs", and a note about activating Windows.

○ Functional Testing

○ Error Handling

○ Performance Optimization

○ Cross-Browser and Device Testing

○ Security Testing

○ Documentation

○ Final Review