DAY 5

TESTING AND BACKED REFINMENT ECOMMERCE WEBSITE

RESPONSIVE AND FUNCTIONAILTY 😀

step:1

TEST TO FUNCTIONAILTY:

1. Add to Cart

✅ Verify that products can be added to the cart.
✅ Ensure the cart updates correctly when items are added.
✅ Check if the same product updates quantity instead of duplicating.
✅ Test removing items from the cart.

2. Search Bar

✅ Test searching for products by name, category, and keywords.
✅ Ensure search results update dynamically.
✅ Verify that an empty search shows a relevant message.

3. Filters

✅ Check if filters work correctly (e.g., price range, categories, brand).
✅ Ensure multiple filters can be applied simultaneously.
✅ Verify that removing filters updates the product list correctly.

4. Wishlist

✅ Test adding/removing products from the wish list.
✅ Ensure wish list persists after page refresh or logout/login.
✅ Verify that clicking a wish list item redirects to the product page.

5. Reviews & Ratings

✅ Ensure users can submit reviews with ratings.
✅ Check if reviews appear instantly after submission.
✅ Verify average rating calculations are correct.
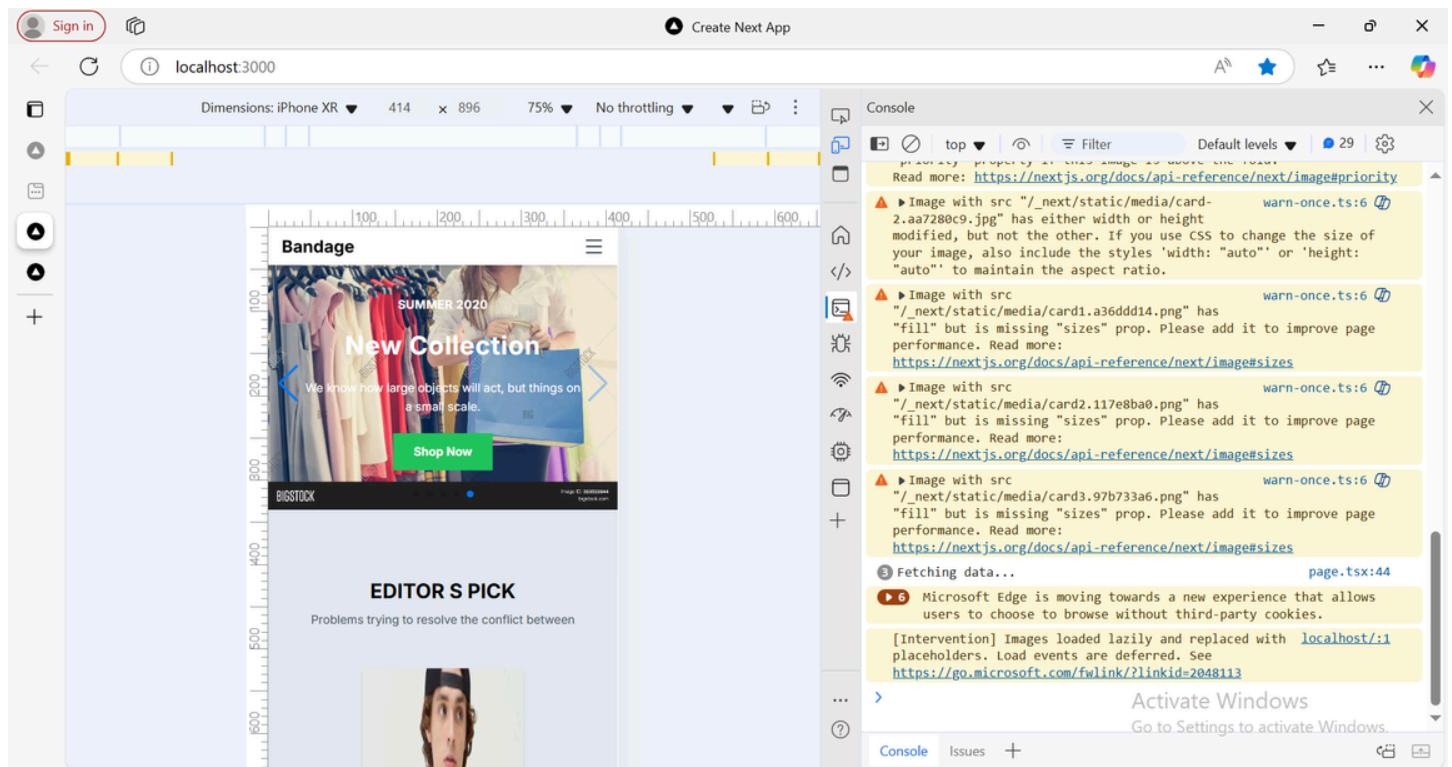✅ Ensure inappropriate content is not allowed (if moderation exists).

6. Swiper (Product Slider)

✅ Verify products slide smoothly without glitches.
✅ Ensure navigation arrows/buttons work properly.
✅ Check auto-play functionality (if enabled).

Step2

Test Responsive:

- all project are responsive

-

step3

POSTMAN API:

step:4

performance

lighthouse:

Mobile

https://pagespeed.web.dev/analysis/https-hackathon3-rho-vercel-app/js21tej4wa?form_factor=mobile

Report from Feb 7, 2025, 3:45:23 PM

https://hackathon3-rho.vercel.app/

Analyze

📱 Mobile   💻 Desktop

Discover what your real users are experiencing   ⓘ No Data

Diagnose performance issues

79	94	96	100
Performance	Accessibility	Best Practices	SEO
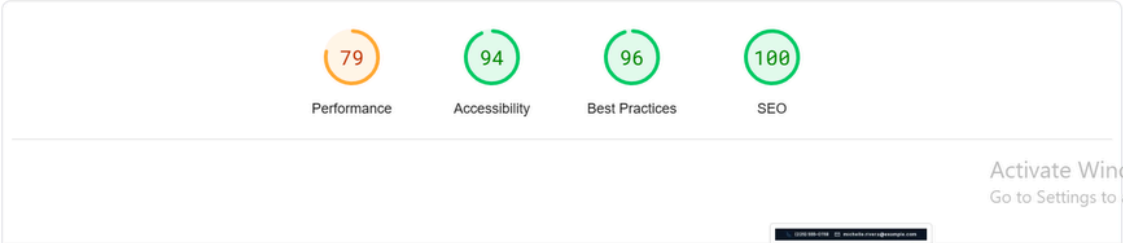
Activate Windows
Go to Settings to activate Windows.

PageSpeed Insights   ✕   DAY 5 - Doc - Canva   ✕   DAY4   ✕   +

← → C   🔒 pagespeed.web.dev/analysis/https-hackathon3-rho-vercel-app/js21tej4wa?form_factor=mobile   ☆   👤   ⋮

PageSpeed Insights   🔗 Copy Link   Docs

📱 Mobile   💻 Desktop

79

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

■ First Contentful Paint	▲ Largest Contentful Paint
2.3 s	4.7 s

Activate Windows
Go to Settings to activate Windows.

Desktop

https://pagespeed.web.dev/analysis/https-hackathon3-rho-vercel-app/js21tej4wa?form_factor=desktop

Report from Feb 7, 2025, 3:45:23 PM

https://hackathon3-rho.vercel.app/   **Analyze**

☐ Mobile   ☐ Desktop

Discover what your real users are experiencing   ⓘ No Data

Diagnose performance issues

96	84	96	100
Performance	Accessibility	Best Practices	SEO

☐ Mobile   ☐ Desktop

96

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

● First Contentful Paint   ● Largest Contentful Paint
0.7 s   **1.1 s**

☐ Mobile   ☐ Desktop

10 ms

■ Speed Index
1.4 s

🗓 Captured at Feb 7, 2025, 3:45 PM GMT+5	☐ Emulated Desktop with Lighthouse 12.2.3	⚙ Single page session
⏱ Initial page load	📶 Custom throttling	🌐 Using HeadlessChromium 131.0.6778.264 with lr

⊞ View Treemap

Show audits relevant to: **All** FCP LCP TBT CLS

DIAGNOSTICS

▲ Avoid multiple page redirects — Potential savings of 470 ms

▲ Largest Contentful Paint image was lazily loaded

■ Properly size images — Potential savings of 44 KiB ⌄

■ Reduce unused JavaScript — Potential savings of 173 KiB ⌄

○ Initial server response time was short — Root document took 200 ms ⌄

○ Avoid large layout shifts — 1 layout shift found ⌄

○ Avoids enormous network payloads — Total size was 843 KiB ⌄

○ Avoids an excessive DOM size — 366 elements ⌄

○ Avoid chaining critical requests — 2 chains found ⌄

○ JavaScript execution time — 0.4 s ⌄

○ Minimizes main-thread work — 0.7 s ⌄

○ Minimize third-party usage — Third-party code blocked the main thread for 0 ms ⌄

○ Largest Contentful Paint element — 1,130 ms ⌄

Activate Windows
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○ Avoid long main-thread tasks — 1 long task found ⌄

PageSpeed Insights | DAY 5 - Doc - Canva | DAY4 | +

pagespeed.web.dev/analysis/https-hackathon3-rho-vercel-app/js21tej4wa?form_factor=desktop

PASSED AUDITS (21)   Show

Full-screen Snip

84

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.

Activate Windows
Go to Settings to activate Windows.

Type here to search   28°C Haze   ENG INTL   4:22 pm 07/02/2025

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (20)

NOT APPLICABLE (33)

96

Best Practices

USER EXPERIENCE

▲ Displays images with incorrect aspect ratio   ⌄

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks   ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (3)   Show

Ecommerce website csv

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	high	-	Handled gracefully
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates with added product	Passed	High	-	Works as expected
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium	-	Test successful
TC005	Check wish cart functionality	Add product to cart > Verify wish cart contents	wish Cart updates with added product	wish cart updates with added product	Passed	High		