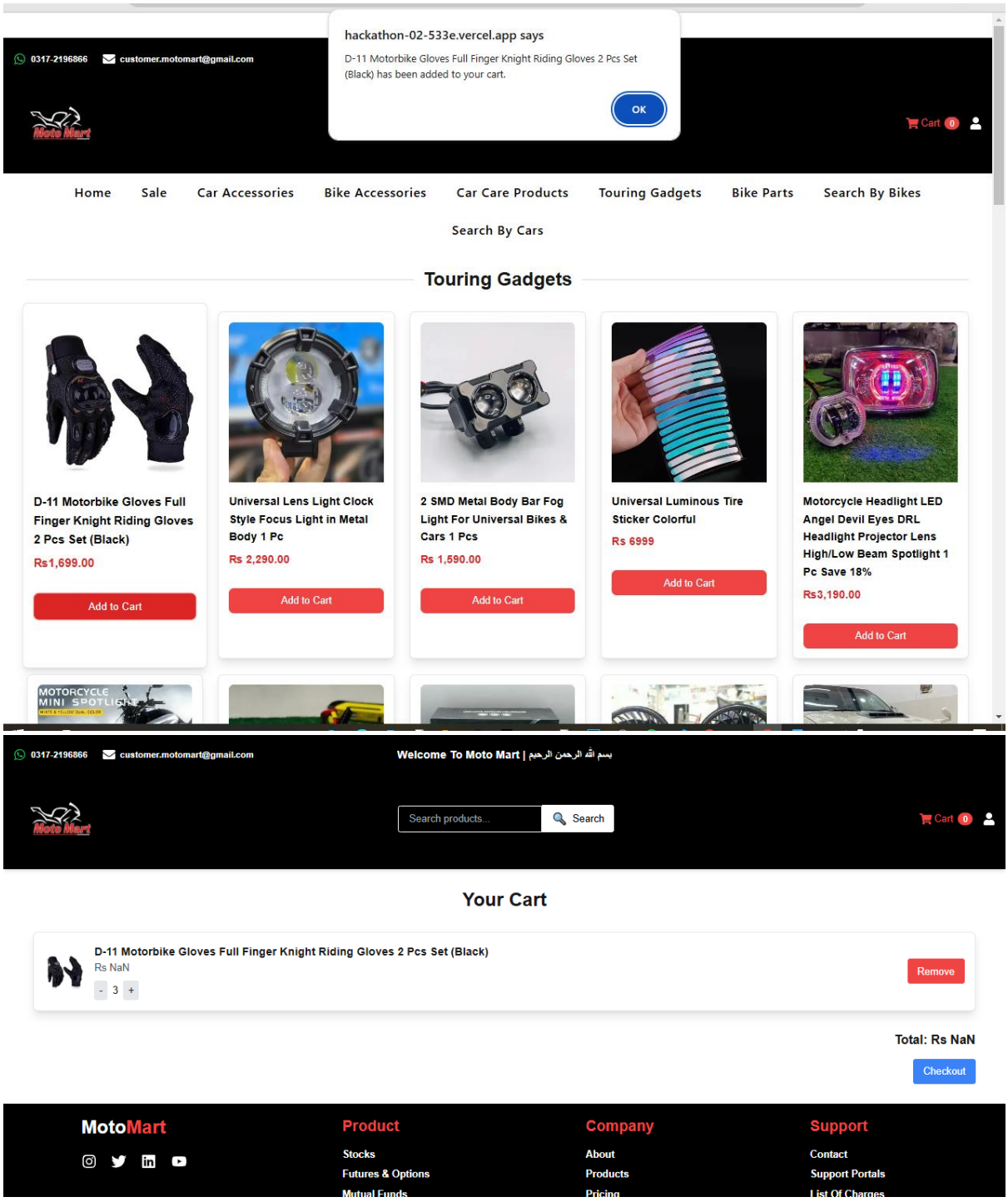
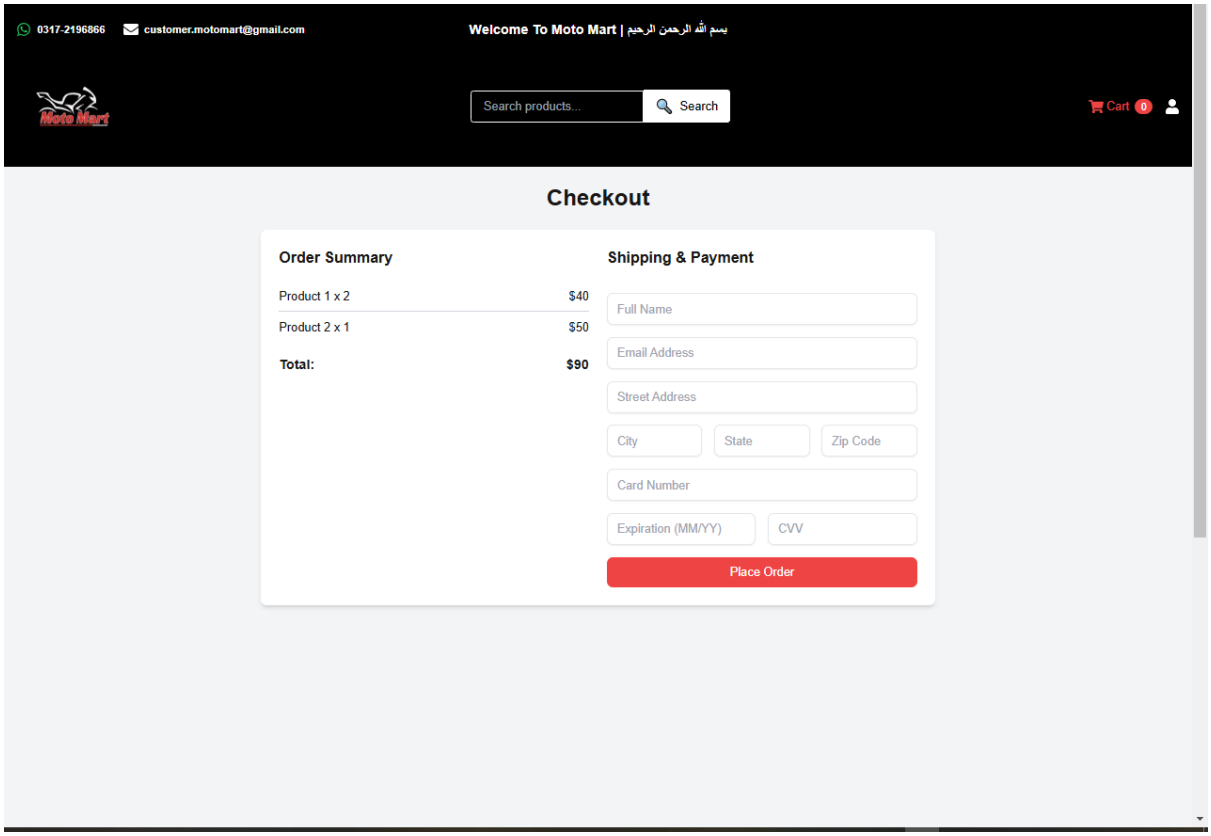
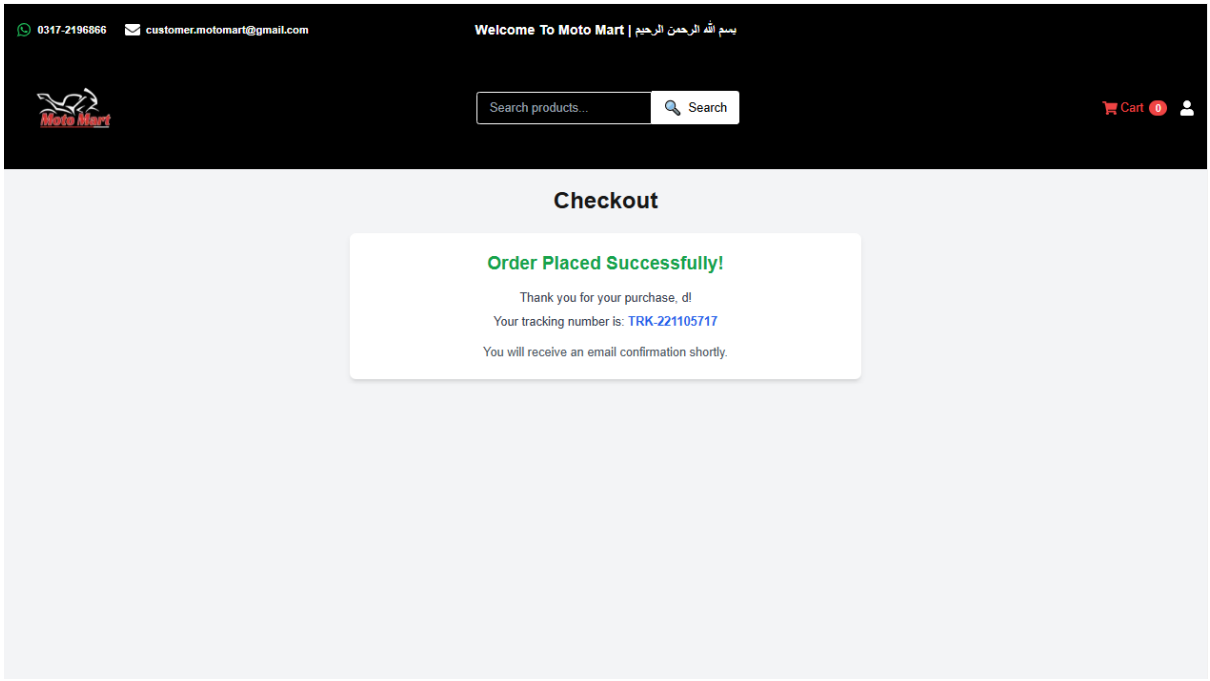
Document Title: "Day 5 - Testing and Backend Refinement - [Moto Mart]"

Functional Testing:




0317-2196866
customer.motomart@gmail.com
Welcome To Moto Mart | بسم الله الرحمن الرحيم
Moto Mart
Search products...
Search
Cart 0
Checkout
Order Summary
Product 1 x 2 $40
Product 2 x 1 $50
Total: $90
Shipping & Payment
Full Name
Email Address
Street Address
City
State
Zip Code
Card Number
Expiration (MM/YY)
CVV
Place Order


0317-2196866
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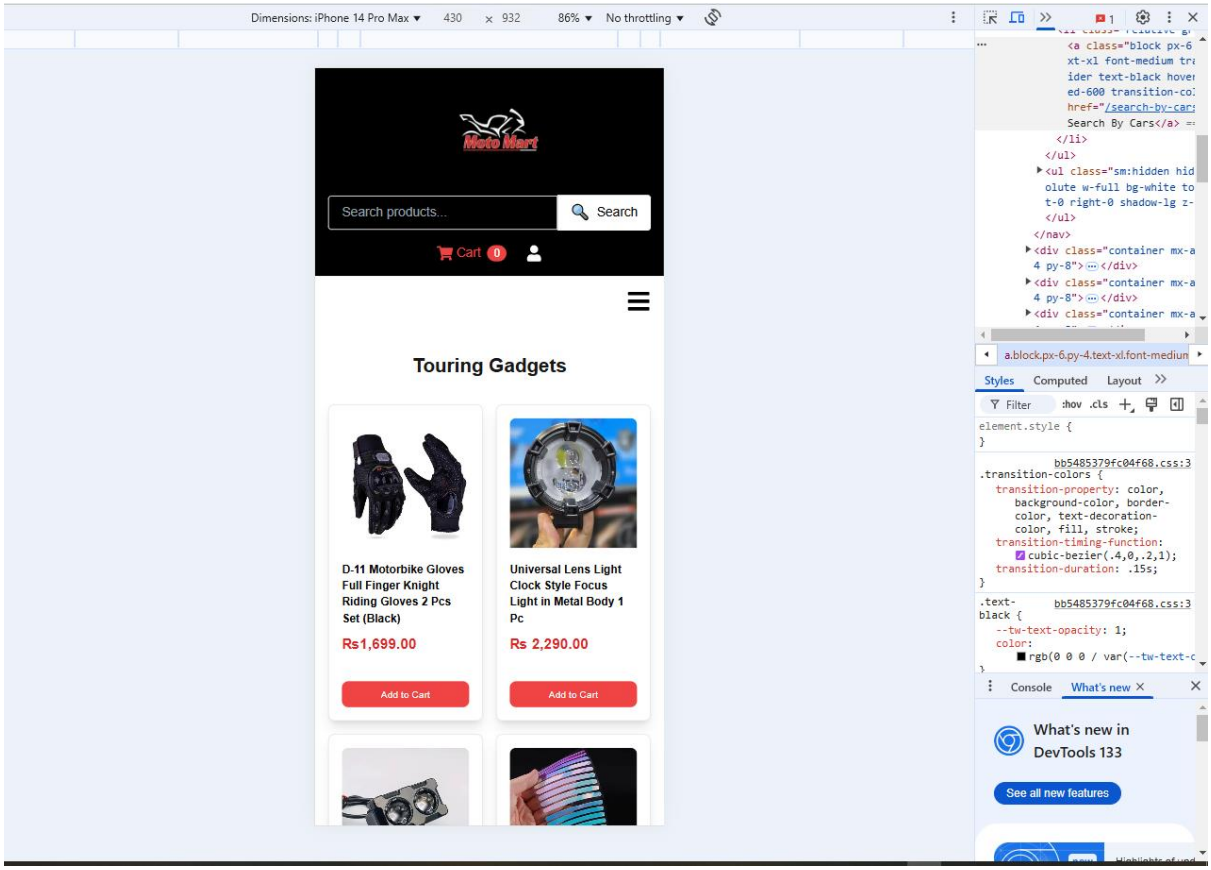
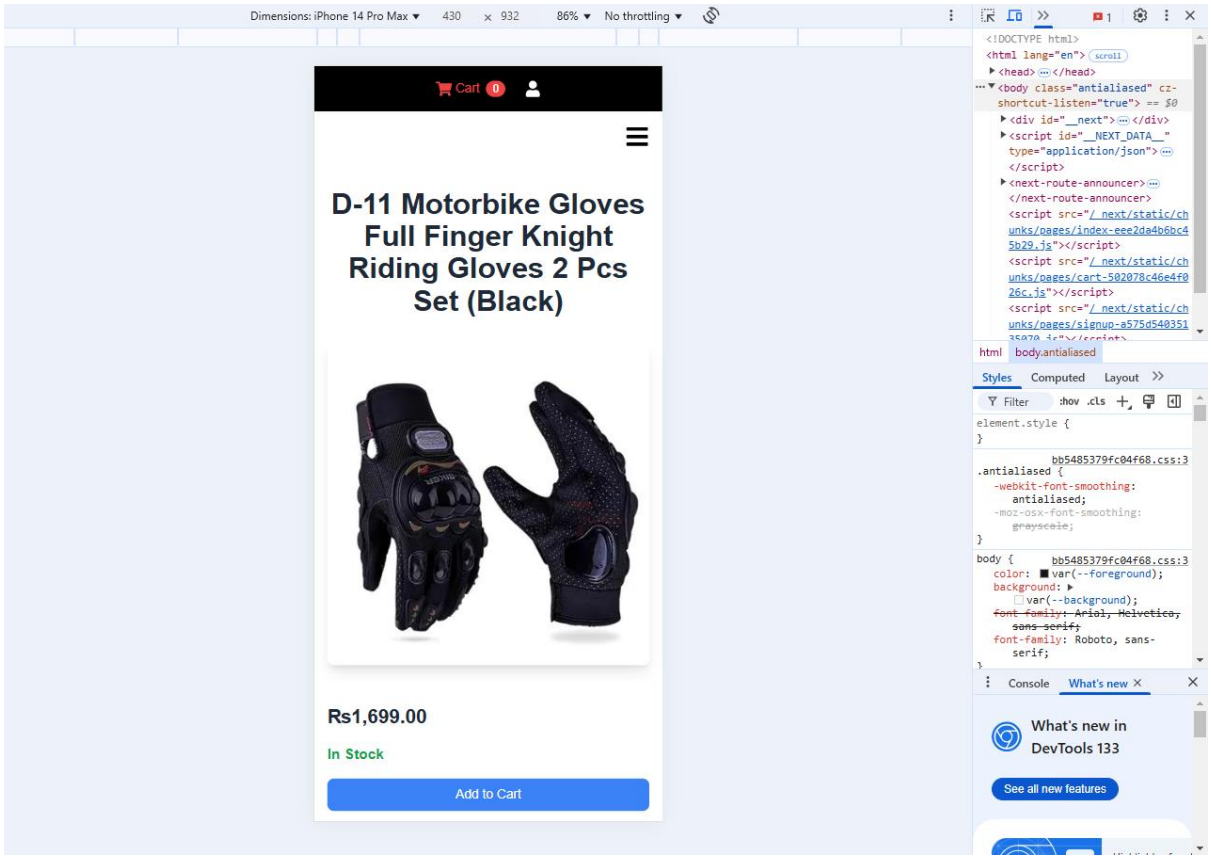
Welcome To Moto Mart | بسم الله الرحمن الرحيم
Moto Mart
Search products...
Search
Cart 0
Checkout
Order Placed Successfully!
Thank you for your purchase, d!
Your tracking number is: TRK-221105717
You will receive an email confirmation shortly.

Responsiveness:





Testing Report:

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks	
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low	-	No issues found
3	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium	-	Handled gracefully
4	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	Works as expected
5	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

PageSpeed Insights

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Diagnose performance issues

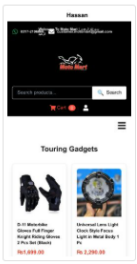
93 Performance | 82 Accessibility | 96 Best Practices | 82 SEO

93

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 0.8 s
- Largest Contentful Paint 3.2 s
- Total Blocking Time 20 ms
- Cumulative Layout Shift 0.049
- Speed Index 1.7 s

pagespeed.web.dev/analysis/https-hackathon-02-533e-vercel-app/relv1ju4i0?form_factor=mobile

PageSpeed Insights

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Report from Feb 8, 2025, 11:41:30 AM

https://hackathon-02-533e.vercel.app/ Analyze

Mobile Desktop

Discover what your real users are experiencing No Data

Diagnose performance issues

93 Performance | 82 Accessibility | 96 Best Practices | 82 SEO

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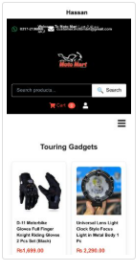

METRICS Expand view

PageSpeed Insights

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Mobile Desktop

First Contentful Paint
0.8 s

Largest Contentful Paint
3.2 s

Total Blocking Time
20 ms

Cumulative Layout Shift
0.049

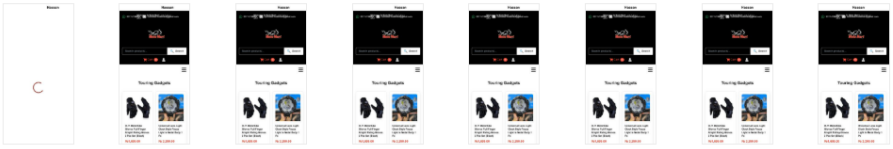
Speed Index
1.7 s

Captured at Feb 8, 2025, 11:41 AM GMT+5
Initial page load

Emulated Moto G Power with Lighthouse 12.2.3
Slow 4G throttling

Single page session
Using HeadlessChromium 131.0.6778.264 with lr

View Treemap



Show audits relevant to: All FCP LCP TBT CLS

DIAGNOSTICS

- Largest Contentful Paint image was lazily loaded
- Largest Contentful Paint element — 3,240 ms
- Properly size images — Potential savings of 137 KiB
- Reduce unused JavaScript — Potential savings of 62 KiB
- Avoid large layout shifts — 1 layout shift found

PageSpeed Insights

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Mobile Desktop

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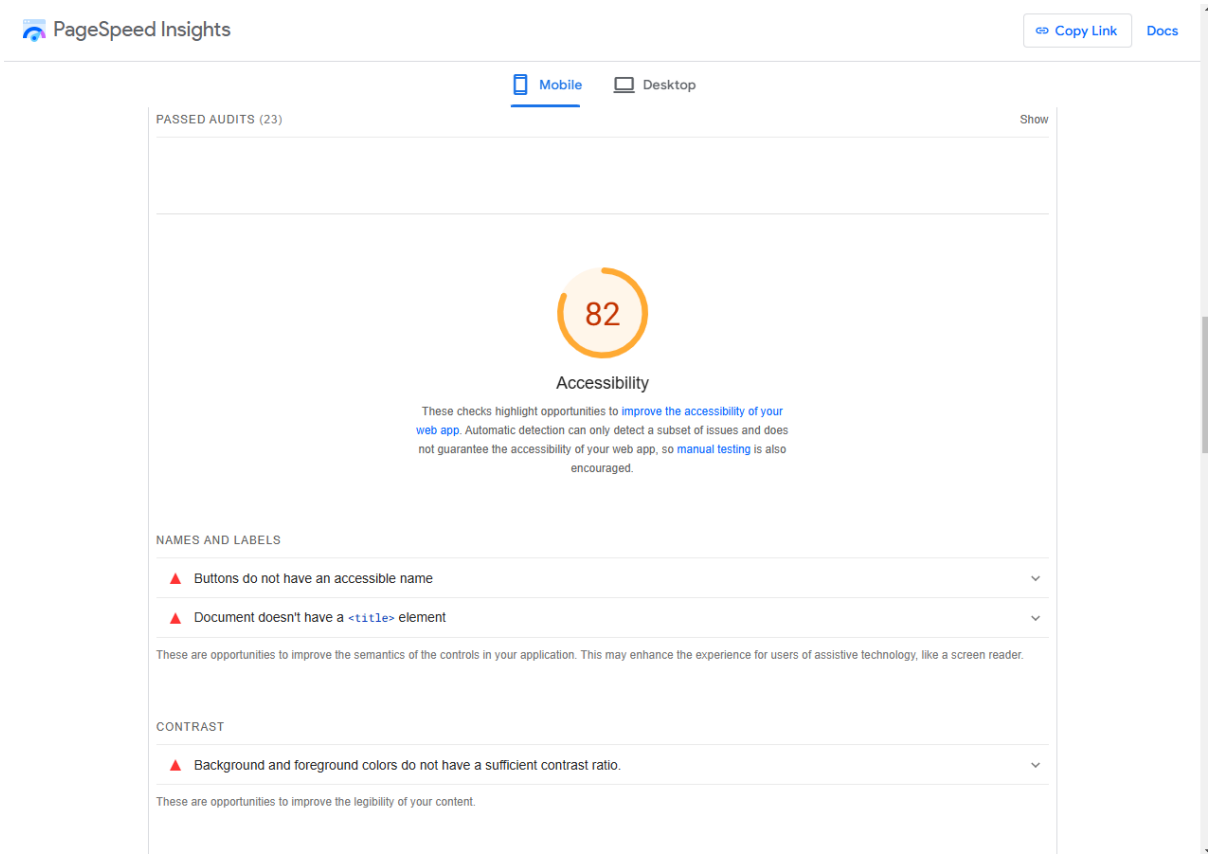
- Avoid large layout shifts — 1 layout shift found
- User Timing marks and measures — 8 user timings
- Initial server response time was short — Root document took 20 ms
- Avoids enormous network payloads — Total size was 620 KiB
- Avoids an excessive DOM size — 339 elements
- JavaScript execution time — 0.2 s
- Minimizes main-thread work — 0.5 s
- Minimize third-party usage — Third-party code blocked the main thread for 0 ms
- Avoid long main-thread tasks — 2 long tasks found

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (23) Show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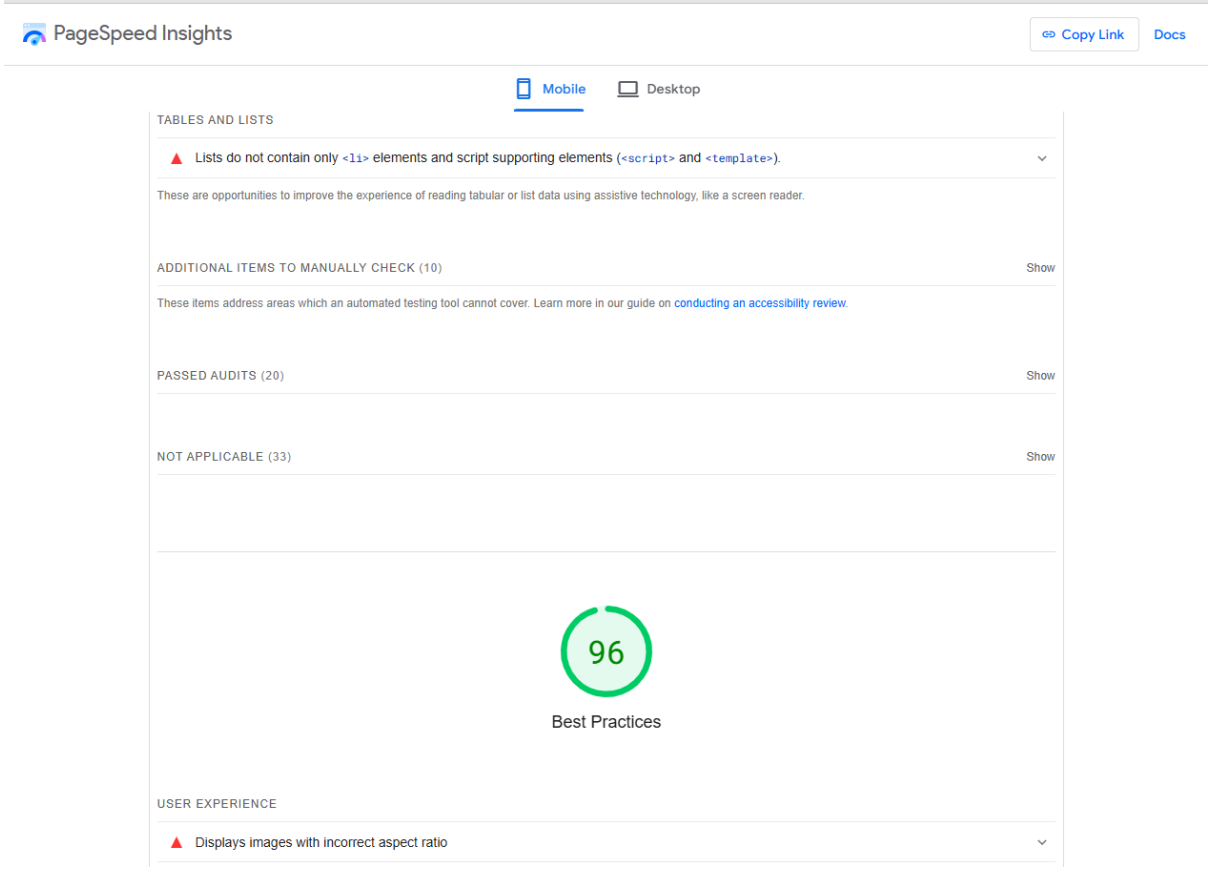
PASSED AUDITS (23)
Show
82
Accessibility
These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.
NAMES AND LABELS
Buttons do not have an accessible name
Document doesn't have a <title> element
These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.
CONTRAST
Background and foreground colors do not have a sufficient contrast ratio.
These are opportunities to improve the legibility of your content.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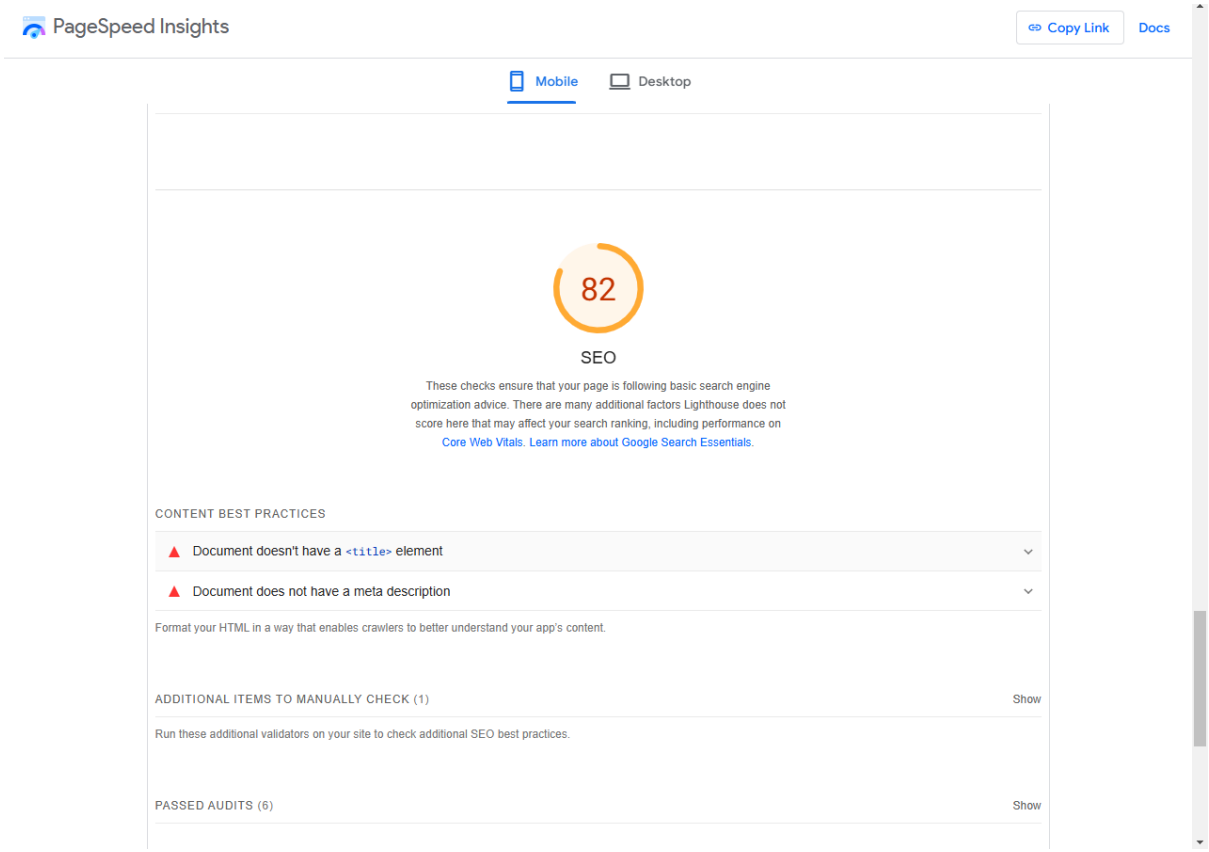
TABLES AND LISTS
Lists do not contain only <li> elements and script supporting elements (<script> and <template>).
These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.
ADDITIONAL ITEMS TO MANUALLY CHECK (10)
Show
These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.
PASSED AUDITS (20)
Show
NOT APPLICABLE (33)
Show
96
Best Practices
USER EXPERIENCE
Displays images with incorrect aspect ratio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SEO
These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more about Google Search Essentials.
CONTENT BEST PRACTICES
Document doesn't have a <title> element
Document does not have a meta description
Format your HTML in a way that enables crawlers to better understand your app's content.
ADDITIONAL ITEMS TO MANUALLY CHECK (1)
Show
Run these additional validators on your site to check additional SEO best practices.
PASSED AUDITS (6)
Show