


"Day 5 - Testing and Backend Refinement - [Avion E-commerce]"

1. Functional Deliverables:

Products Displayed on the UI


New Ceramics



Modern Serenity

£480

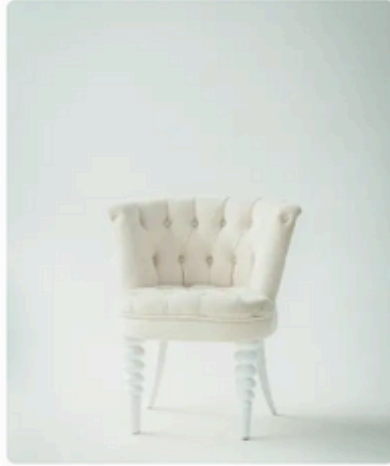
Add to Cart



Reflective Haven

£300

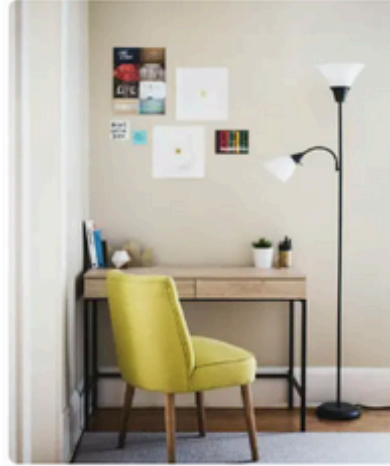
Add to Cart



Cloud Haven Chair

£230

Add to Cart



Bright Space

£180

Add to Cart

cart (1)

Search Bar is Functioning Properly:

Q

Avion


cart (1)

Search...

Categories:


Ceramics Chairs Crockory Cutlery Plant Pots Tables Tableware

Products in "tableware"




The Poplar suede sofa

\$980




Tropical Vibe

\$550



Sunny Chic

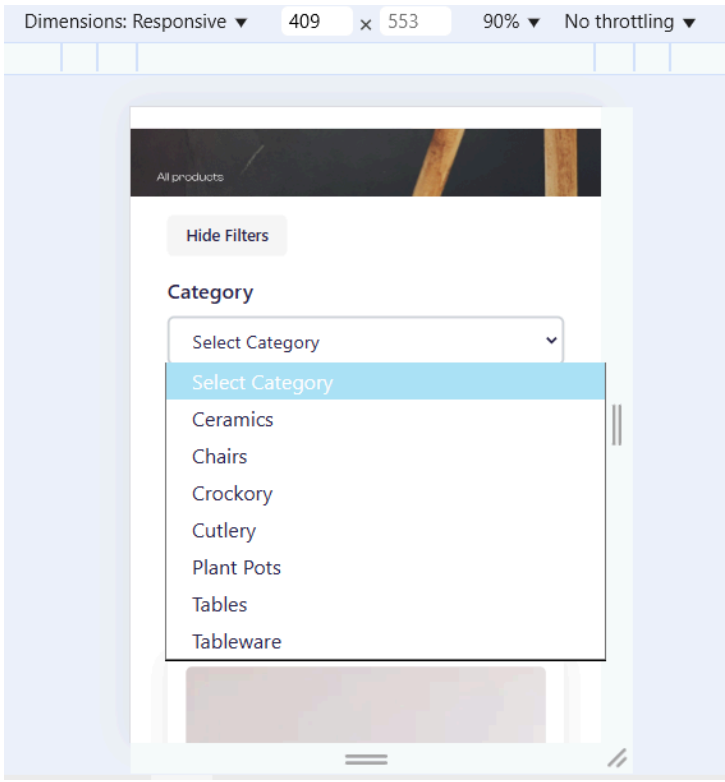
\$400



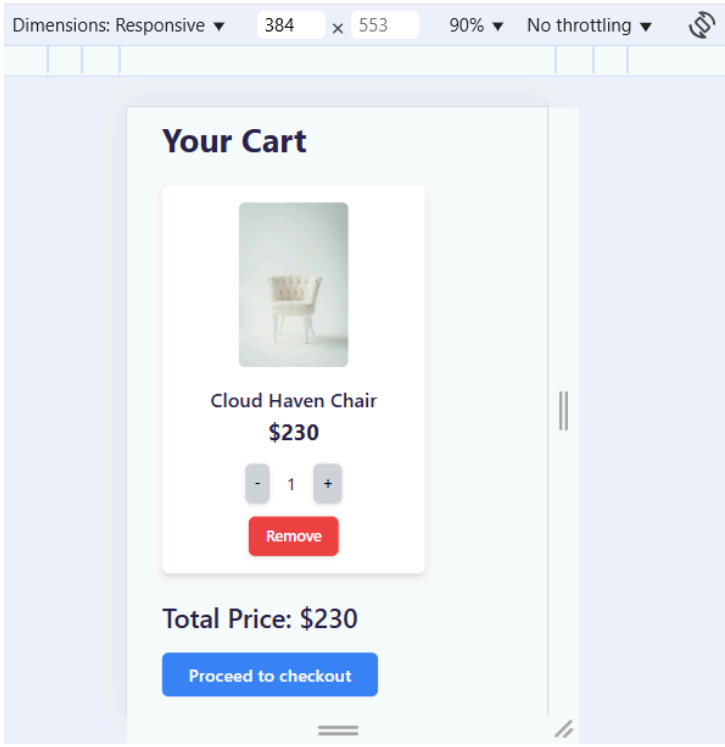
Bold Nest

\$260

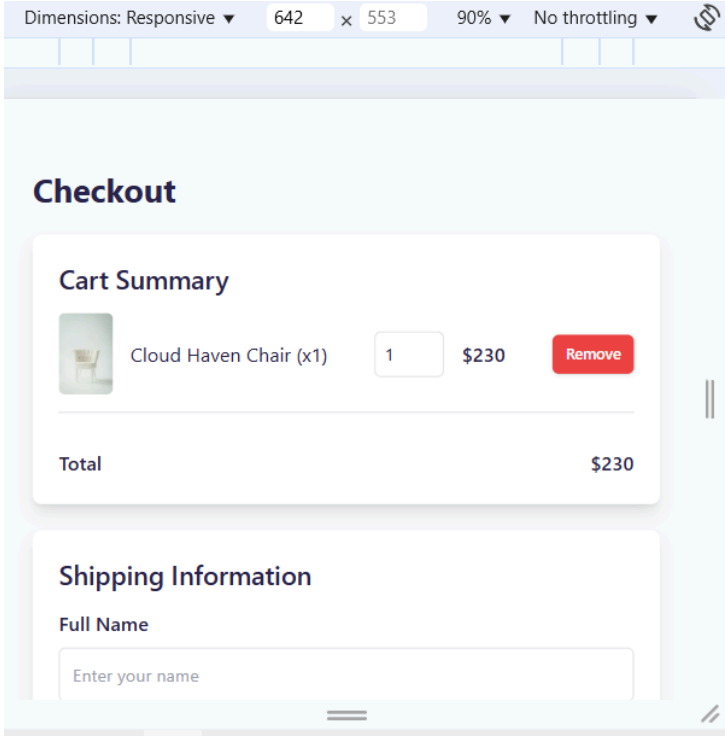
Filter is Responsive:



Cart is Responsive:

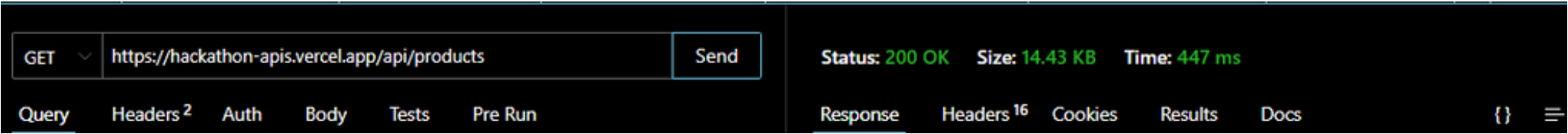
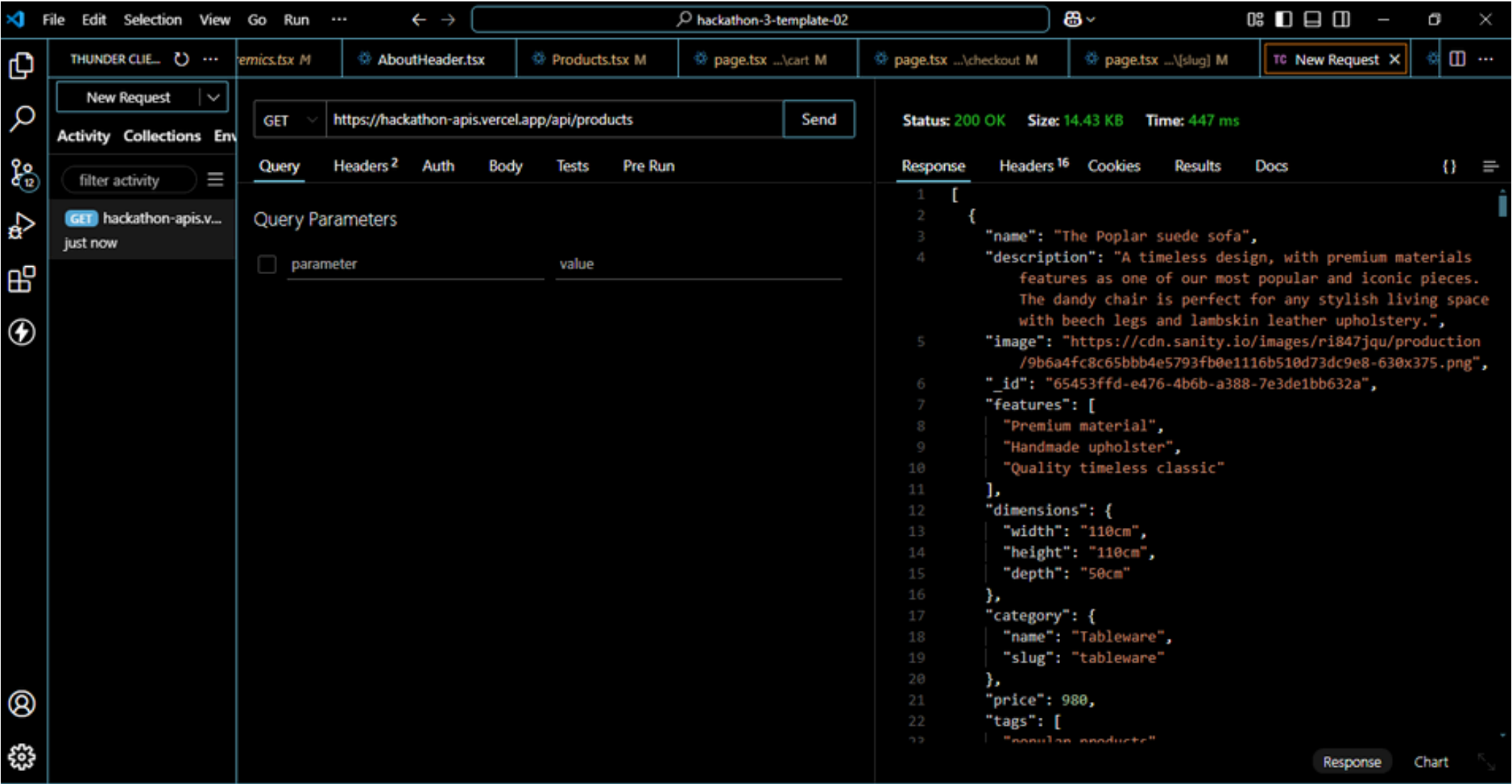


Checkout is Responsive:



2. A professionally formatted report detailing:

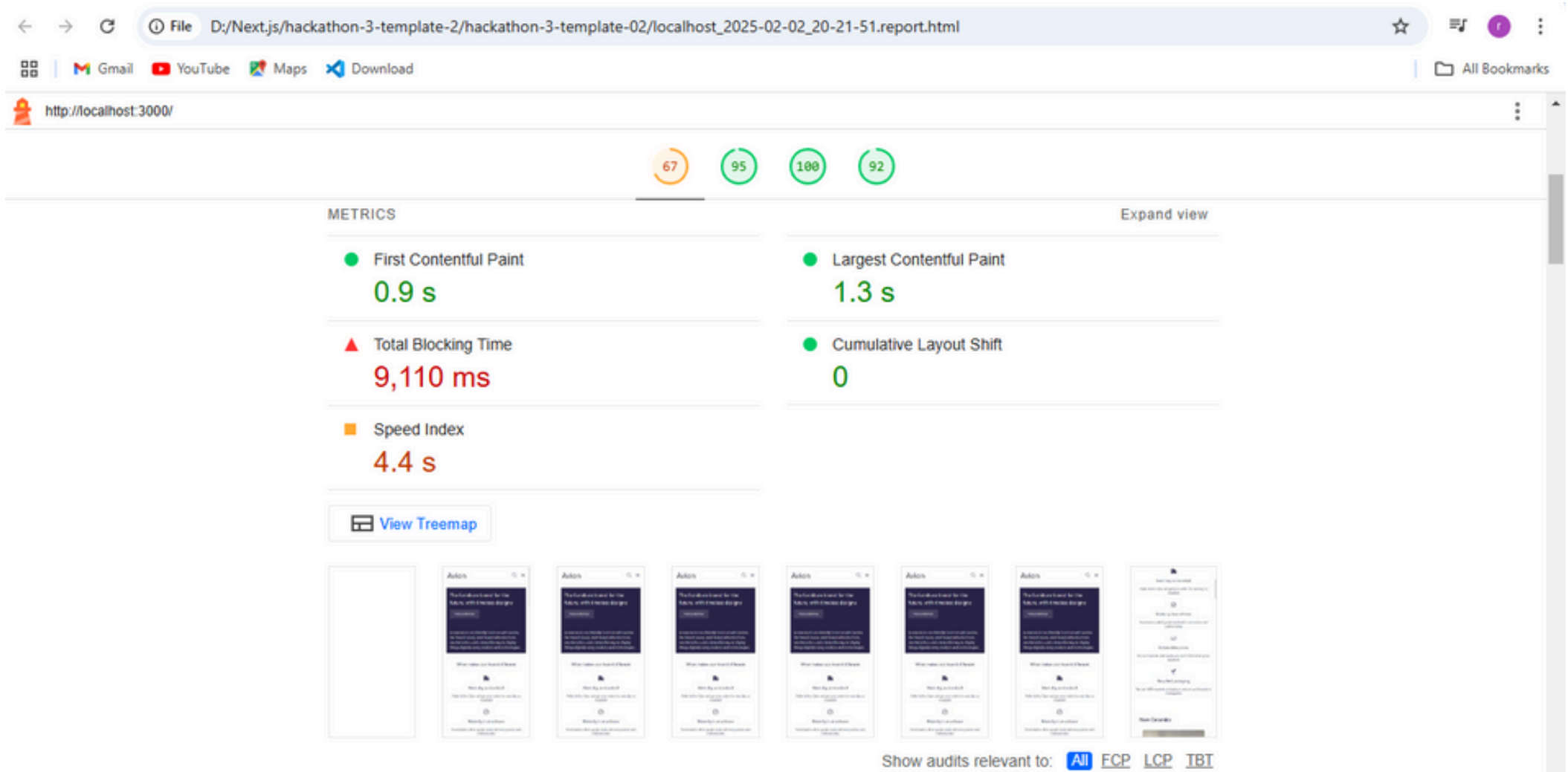
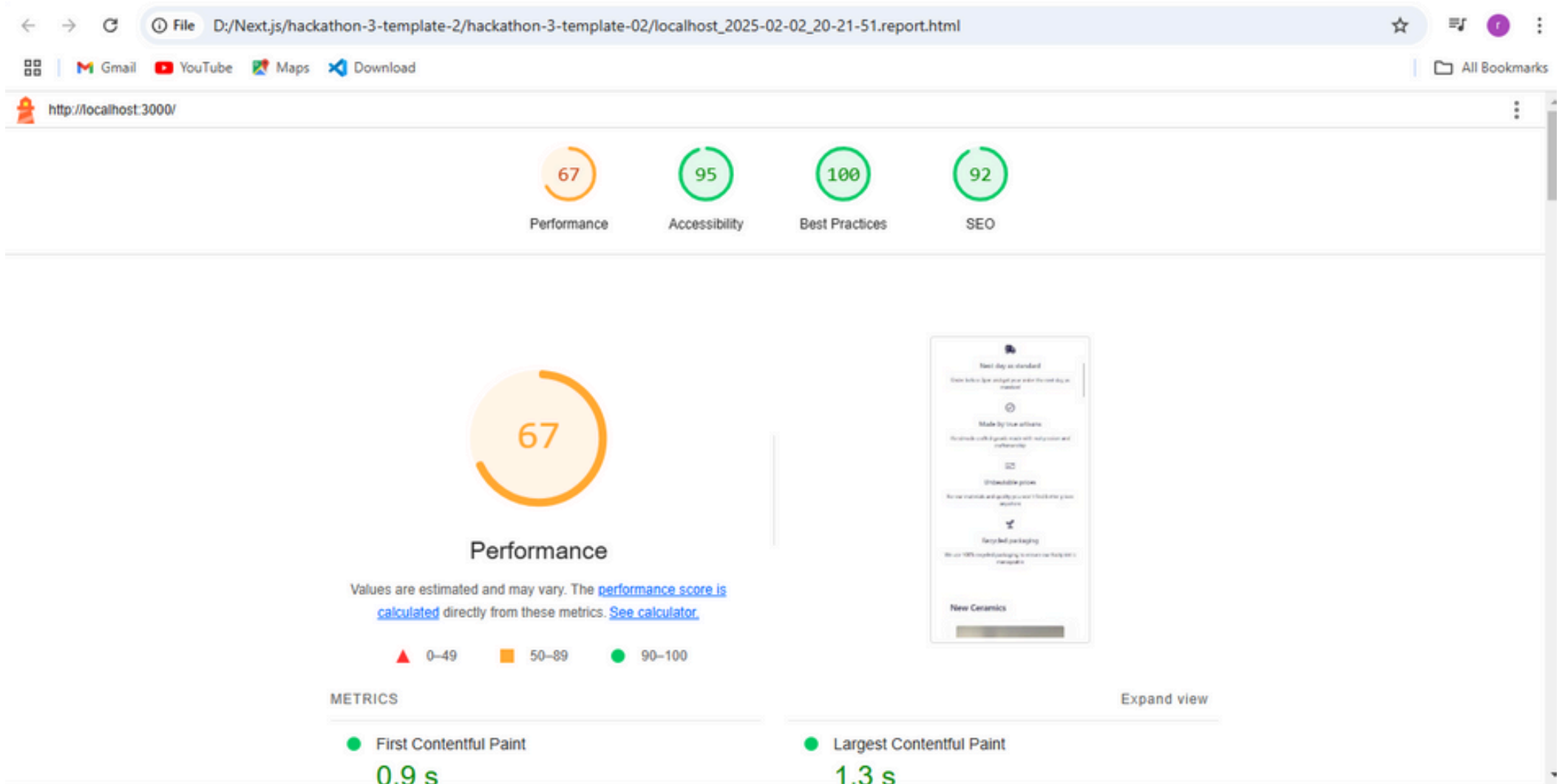
Template-2 API (<https://hackathon-apis.vercel.app/api/products>)



Test cases executed and their results.

1	Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Remarks
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	High	No issues found
3	TC002	Test API error handling	Disconnect API > Refresh page	No Fallback No Error Message	No Error message shown	Passed	High	Tested Successfully
4	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	Medium	need little improvement
5	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	High	No issue found

LightHouse Report:



File

D:/Next.js/hackathon-3-template-2/hackathon-3-template-02/localhost_2025-02-02_20-21-51.report.html

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http://localhost:3000/

67

95

100

92

DIAGNOSTICS

▲ Minimize main-thread work — 11.3 s

▲ Reduce JavaScript execution time — 9.3 s

▲ Reduce initial server response time — Root document took 920 ms

▲ Page prevented back/forward cache restoration — 4 failure reasons

■ Minify CSS — Potential savings of 2 KiB

■ Minify JavaScript — Potential savings of 5 KiB

■ Eliminate render-blocking resources — Potential savings of 0 ms

■ Properly size images — Potential savings of 24 KiB

■ Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB

■ Avoid enormous network payloads — Total size was 7,312 KiB

○ Avoid long main-thread tasks — 10 long tasks found

File

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○ Avoid chaining critical requests — 1 chain found

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

○ Largest Contentful Paint element — 1,310 ms

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (23)

Show

File

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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

▲ Links do not have a discernible name

▲ Image elements have `[alt]` attributes that are redundant text.

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.

File

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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 (23)

Show

NOT APPLICABLE (32)

Show

100

Best Practices

File

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TRUST AND SAFETY

○

Ensure CSP is effective against XSS attacks

○

Use a strong HSTS policy

○

Ensure proper origin isolation with COOP

GENERAL

▲

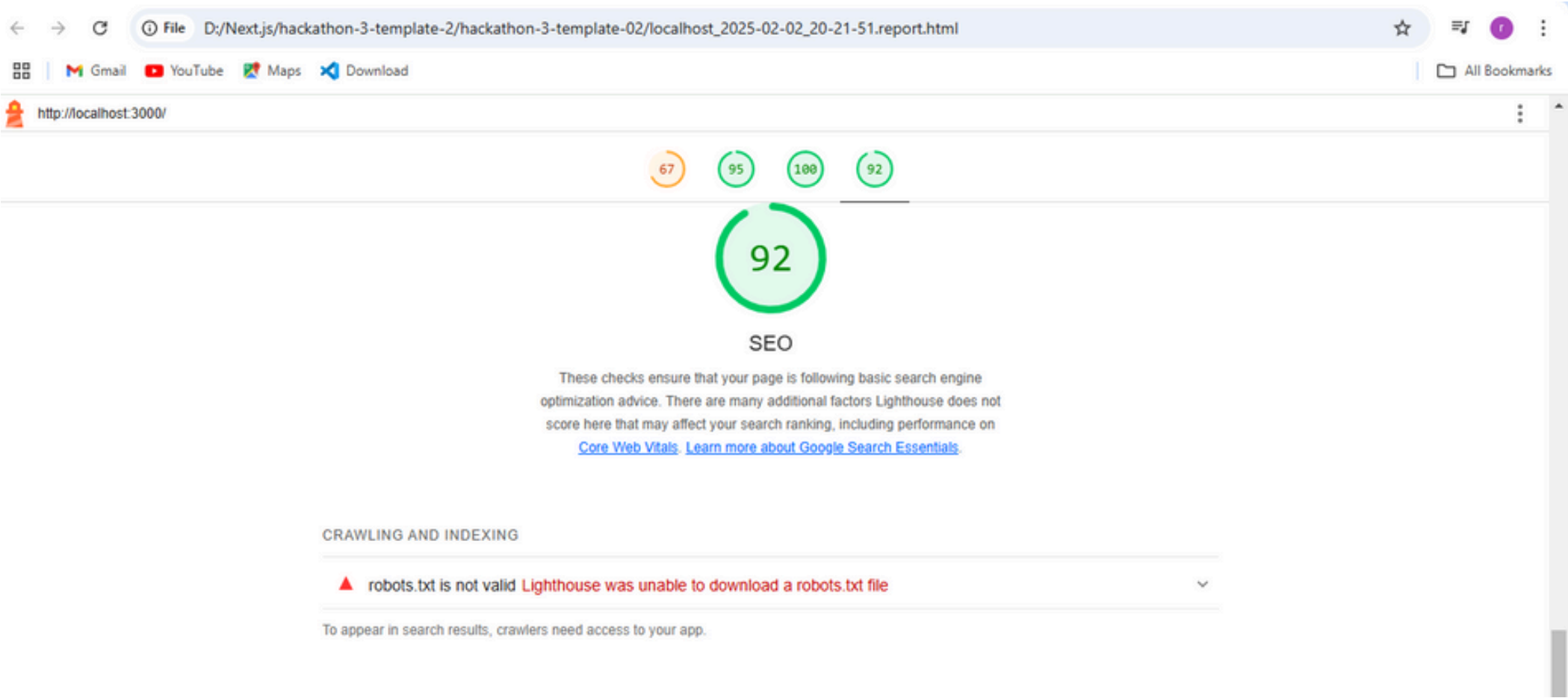
Missing source maps for large first-party JavaScript

PASSED AUDITS (14)

Show

NOT APPLICABLE (2)

Show



Performance optimization steps taken.

Developer Resources:

localhost:3000

Gmail

YouTube

Maps

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All Bookmarks

Dimensions: ... 409 x 553 9...

Elements Console Sources Network Performance Memory Application >> 2

Avion

The furniture brand for the future, with timeless designs

View collection

A new era in eco-friendly furniture with Avelon, the French luxury retail brand with nice fonts, tasteful colors, and a beautiful way to display things digitally using modern web technologies.

What makes our brand different

<script src="/_next/static/chunks/webpack.js?v=1738509327474" async></script>

<script>(self.__next_f=self.__next_f||[]).push([0]);self.__next_f.push([2,null])</script>

<script></script>

<script></script>

div.w-full.md\\w-[760px\\].h-auto.md\\h-[584px\\].bg-[\\#2A254B\\].my-0.md\\my-10 div.p-4.md\\p-14.text-white

Console What's new AI assistance Issues Developer resources

Filter by URL and error Load through website

Status	URL	Initiator	Total Bytes	Error
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		3 665	
success	/IFwiVmldyBMZXNzXCIGOiBcllZpZXcgQ29sbGVjc		20 778	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		3 196	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		491	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		674	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		1 173	
success	/YjM4YyJdLCJzb3VyY2VzQ29udGVudCI6WyJpbXB		2 414	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		4 724	
success	/YTY5NiJdLCJzb3VyY2VzQ29udGVudCI6WyJclnVz		15 439	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		814	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		2 036	
success	/IFwiVmldyBMZXNzXCIGOiBcllZpZXcgQ29sbGVjc		8 859	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJr		2 450	
success	/lChcclxulCAGlCAGlCAGlDxwIGNsYXNzTmFtZT1cll		10 821	

15 resources

Performance Monitor:

localhost:3000

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All Bookmarks

Dimen... 348 x 553

Elements Console Sources Network Performance Memory Application >> 2

Avion

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<script>(self.__next_f=self.__next_f||[]).push([0]);self.__next_f.push([2,null])</script>

<script></script>

<script></script>

div.w-full.md\\w-[760px\\].h-auto.md\\h-[584px\\].bg-[\\#2A254B\\].my-0.md\\my-10 div.p-4.md\\p-14.text-white

Console What's new AI assistance Issues Developer resources Performance monitor

☒ CPU usage 0.1%

☒ JS heap size 42.3 MB

☒ DOM Nodes 763

☐ JS event listeners

☐ Documents

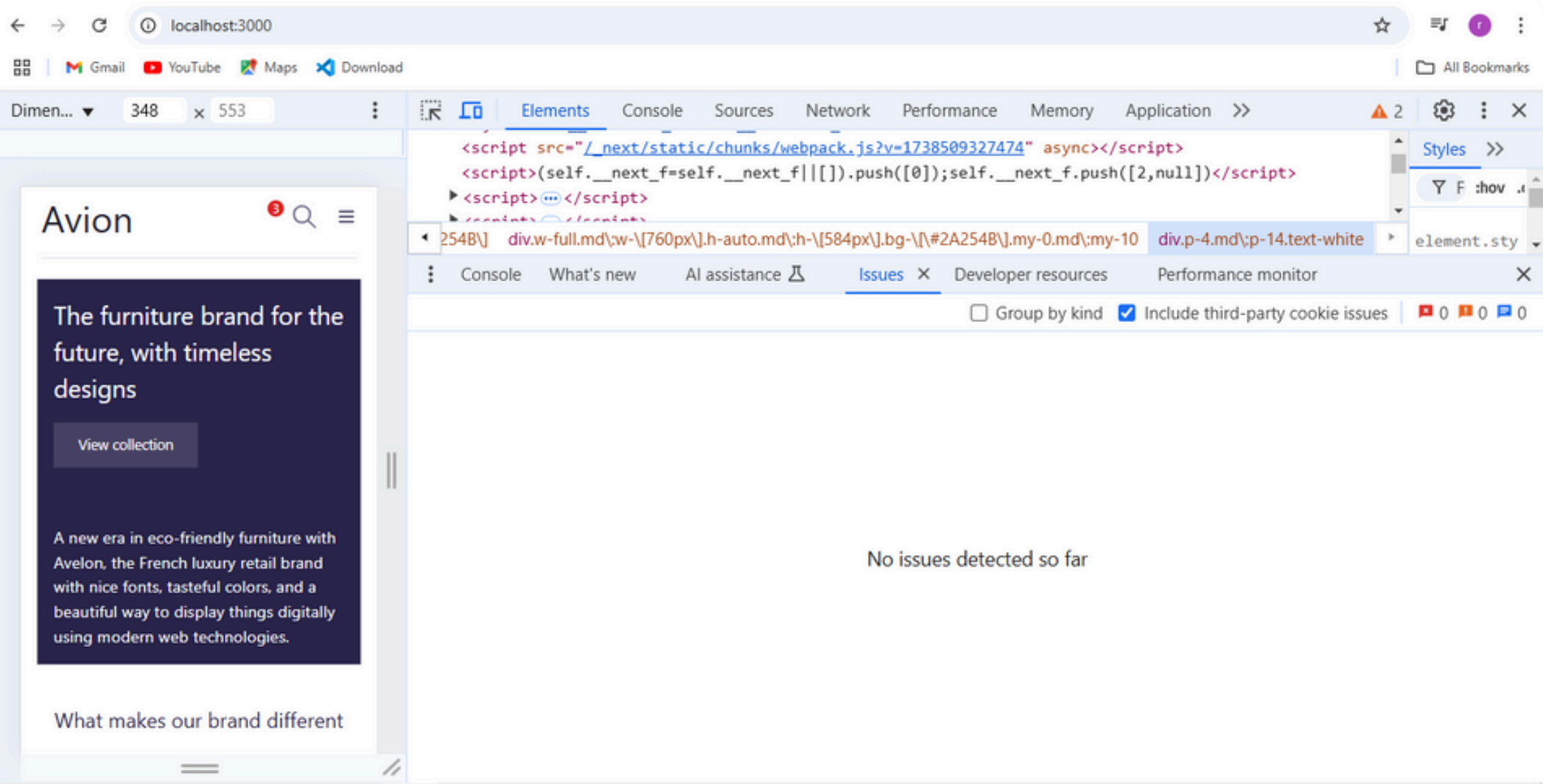
☐ Document Frames

☐ Layouts / sec

☐ Style recalcs / sec

	20:44:50	20:45:00	20:45:10	20:45:20	20:45:30	20:45:40
CPU usage	100%					
JS heap size	60.0 MB					
DOM Nodes	800					

Issues:



Security:

