# <u>Document Title Day 5 BUILDING DYNAMIC FRONTEND COMPONENTS FOR</u> <u>AVION</u>

**Created Avion General E-Commerce Market Place with following components** 

### 01, All Products.

Display details of all products

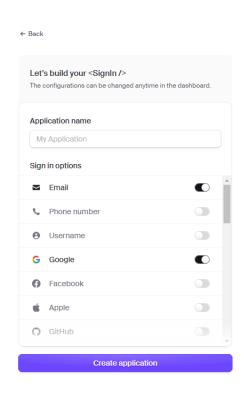
## 02. Categories.

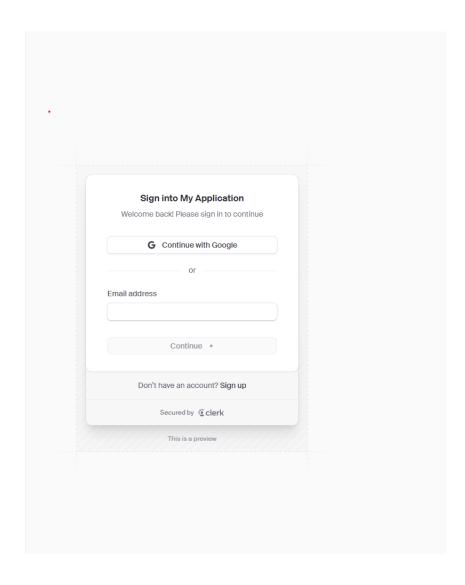
Display details of all categories.

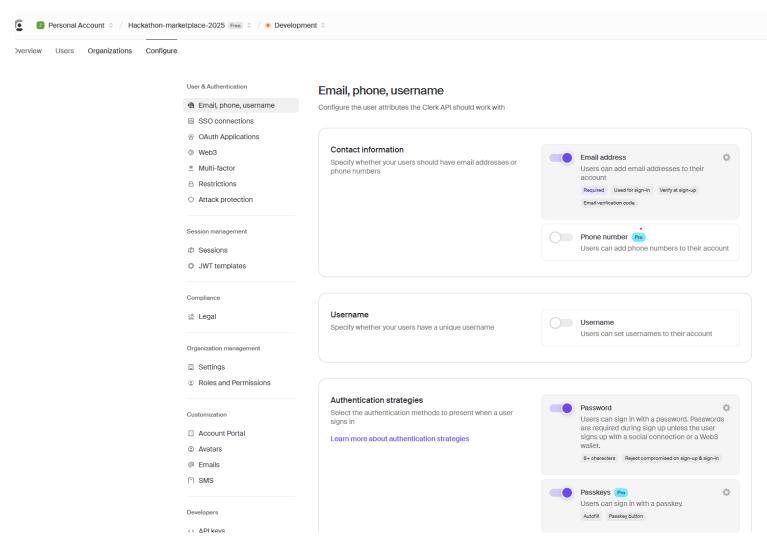
## 03. Product Card Page.

Display details of each product.

#### 04. **Sign in page.** Implementing clerk for authentication.

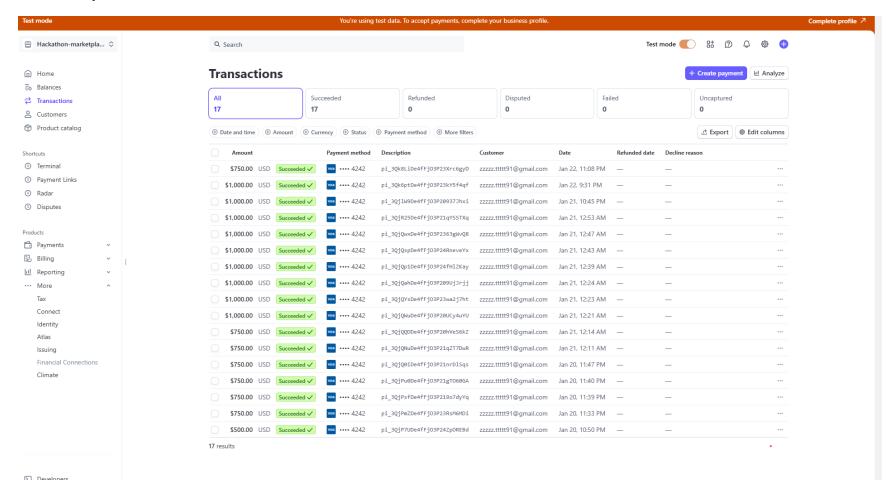






Use Password and Passkeys for login

#### 05. **Stripe.**



Implementing Stripe for payments.

**Tables** 

Chairs Crockery

Tableware

Cutlery

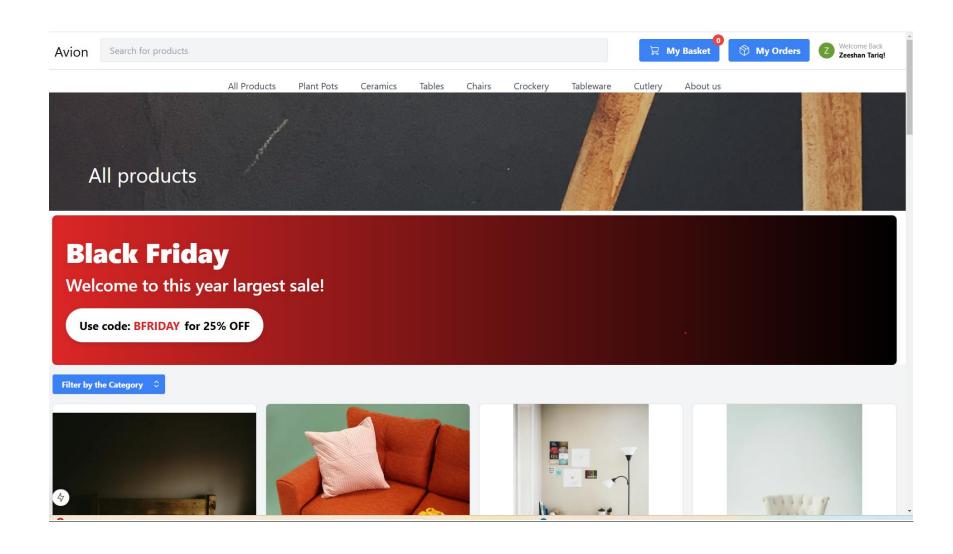
About us

# 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.





All Products Plant Pots Ceramics Tables Chairs Crockery Tableware Cutlery About us



#### **Bold Nest**

#### \$260.00

#### Description

A timeless design, with premium materials features as one of our most popular and iconic pieces. The dandy chair is perfect for any stylish living space with beech legs and lambskin leather upholstery.

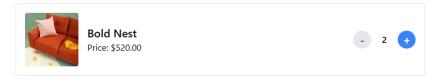
- Premium material
- Handmade upholstery
- Quality timeless classic

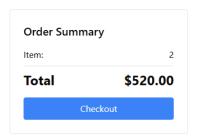
#### Dimensions

Height Width Depth 110cm 75cm 50cm

You might also like

#### **Your Basket**





.

Hackathon-marketplace-2025

Pay Hackathon-marketplace-2025

\$520.00

Bold Nest

Pay with link

S amazon pay

Email 2707 HINTO Commission

Payment method

Card

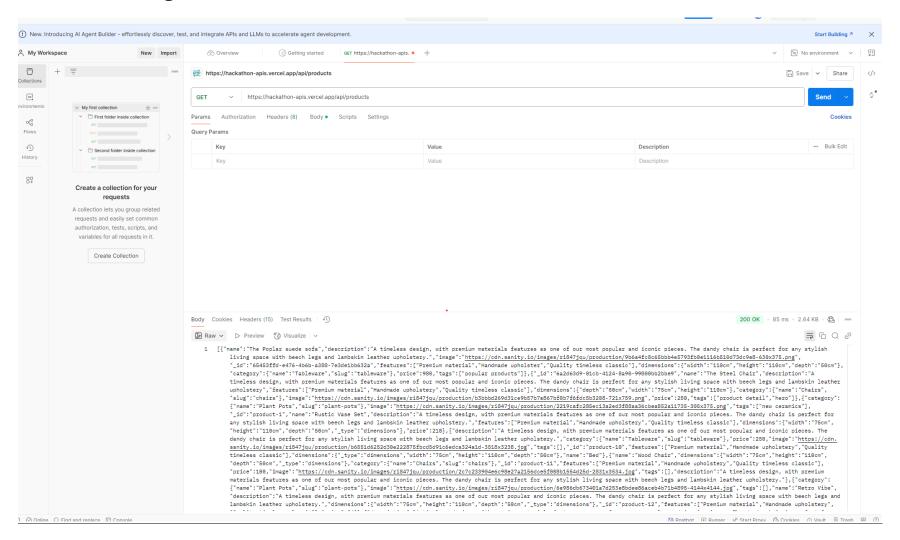
S Cash App Pay

Securely save my information for 1-click checkout
Pay faster on Hackathon-marketplace-2025 and everywhere Link is accepted.

Pay

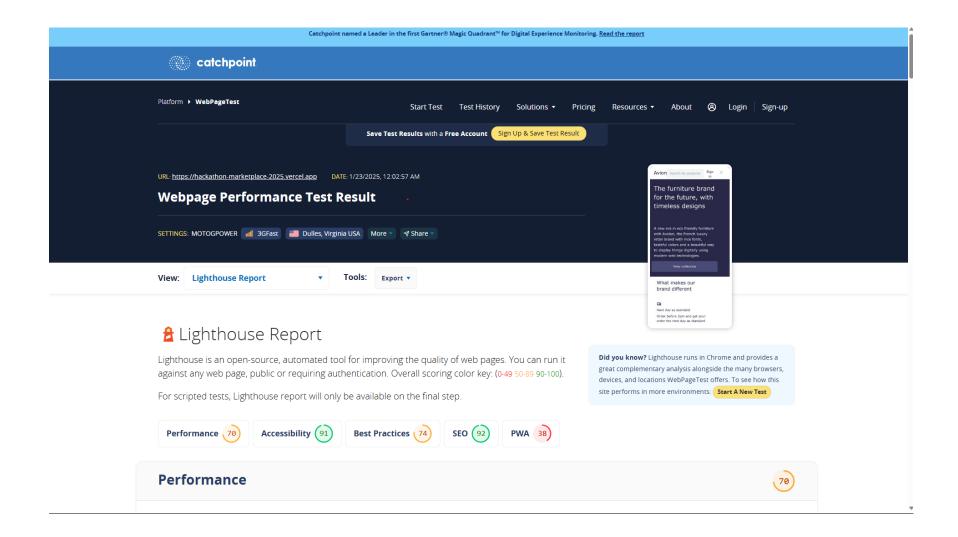
Powered by stripe Terms Privacy

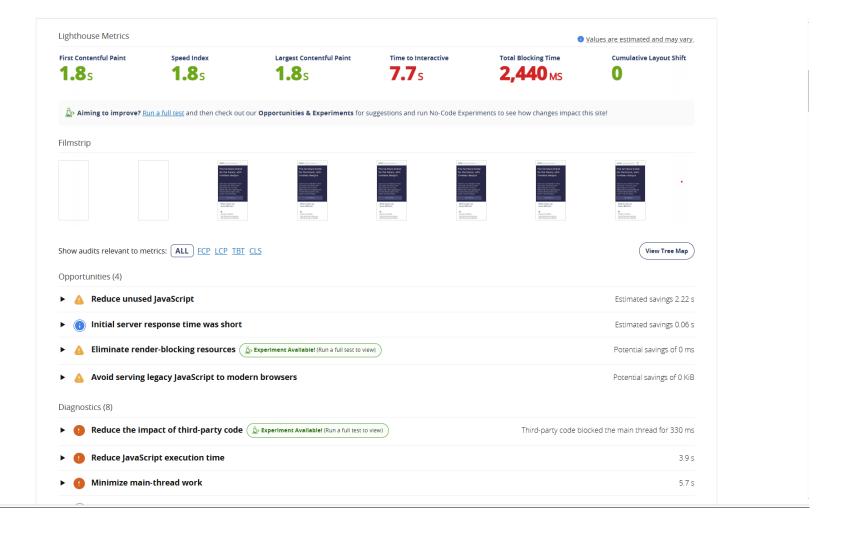
#### API Status using Postman code 200 oK



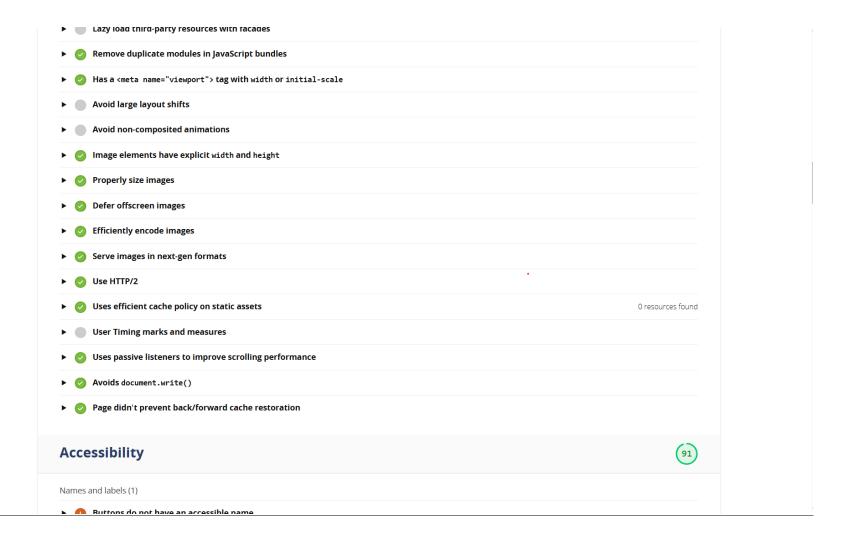
# **Testing Report**

Test			Expected			
Case ID	Description	Steps	Result	<b>Actual Result</b>	Status	Remarks
	Validate product	Open product page > Verify	Products	Products		No Issues
TC001	listing	products	displayed	displayed	Passed	found
	Test API error	Disconnect API > Refresh	Show fallback	Fallback		Handled
TC002	handling	page	message	message shown	Passed	gracefully
	Check	Add item to cart > Verify	Cart updates	Cart updates		Works as
TC003	functionality cart	cart	correctiy	correctiy	Passed	expected
	Test					
	responsiveness	Resize browser window >	Layout adjusts	Layout adjusts		Responvise
TC004	layout	Check layout	properly	properly	Passed	verified





Diagnostics (8)	
Reduce the impact of third-party code ( Experiment Available! (Run a full test to view)	Third-party code blocked the main thread for 330 ms
Reduce JavaScript execution time	3.9 s
Minimize main-thread work	5.7 s
Avoid chaining critical requests	1 chain found
Largest Contentful Paint element	1,790 ms
Avoids enormous network payloads	Total size was 607 KiB
Avoid long main-thread tasks	18 long tasks found
Avoids an excessive DOM size	227 elements
Passed Audits (27)	
Avoid multiple page redirects	
Enable text compression	
Preconnect to required origins	
Preload key requests	
<ul> <li>All text remains visible during webfont loads</li> </ul>	
Minify JavaScript	
Minify CSS	
Reduce unused CSS	
Preload Largest Contentful Paint image	
. 📤 11 - 11 - 12 - 12 - 13 - 13 - 13 - 13 -	



#### Accessibility



Names and labels (1)

▶ ■ Buttons do not have an accessible name

Navigation (1)

▶ ● Heading elements are not in a sequentially-descending order

Additional Items to Check Manually (10)

- ► Interactive controls are keyboard focusable
- ▶ Interactive elements indicate their purpose and state
- ► The page has a logical tab order
- ▶ Wisual order on the page follows DOM order
- ▶ User focus is not accidentally trapped in a region
- ▶ The user's focus is directed to new content added to the page
- ▶ HTML5 landmark elements are used to improve navigation
- ► Offscreen content is hidden from assistive technology
- ► Custom controls have associated labels
- ► Custom controls have ARIA roles

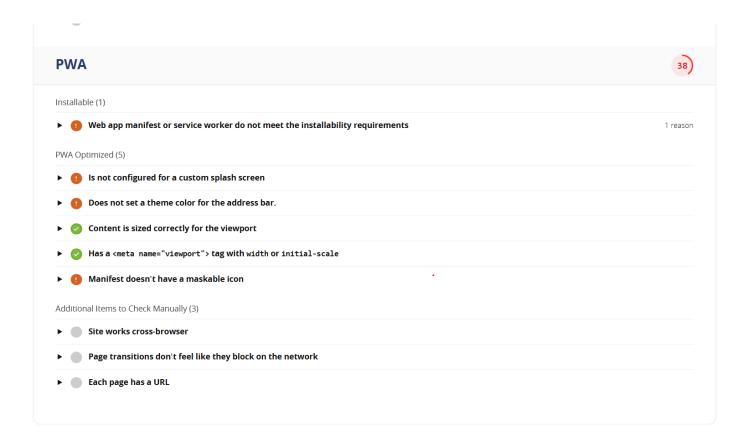
Passed Audits (18)

▶ 🕢 [aria-\*] attributes match their roles

Values assigned to role="" are valid ARIA roles. ▶ ② [aria-hidden="true"] is not present on the document <body> ▶ ② [aria-\*] attributes have valid values ▶ 🕝 [aria-\*] attributes are valid and not misspelled ▶ 🕝 Background and foreground colors have a sufficient contrast ratio ▶ Ocument has a <title> element <html> element has a [lang] attribute <html> element has a valid value for its [lang] attribute Form elements have associated labels ▶ 📀 [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5. Not Applicable (34)

# **Best Practices** Trust and Safety (1) ► ■ Ensure CSP is effective against XSS attacks General (3) ▶ **(I)** Uses third-party cookies 2 cookies found ▶ ■ Browser errors were logged to the console ▶ ■ Issues were logged in the Issues panel in Chrome Devtools Passed Audits (11) ▶ **O** Uses HTTPS ▶ ⊘ Avoids requesting the geolocation permission on page load ▶ ⊘ Avoids requesting the notification permission on page load Allows users to paste into input fields ▶ O Displays images with correct aspect ratio ► O Serves images with appropriate resolution ► Page has the HTML doctype ► Properly defines charset Avoids unload event listeners Avoids deprecated APIs Page has valid source maps

# SEO Crawling and Indexing (1) ► **1** Links are not crawlable Additional Items to Check Manually (1) ▶ Structured data is valid Passed Audits (11) Document has a <title> element Document has a meta description Page has successful HTTP status code ► Links have descriptive text Page isn't blocked from indexing Image elements have [alt] attributes Document has a valid hreflang Document uses legible font sizes 100% legible text Document avoids plugins 100% appropriately sized tap targets Not Applicable (2)













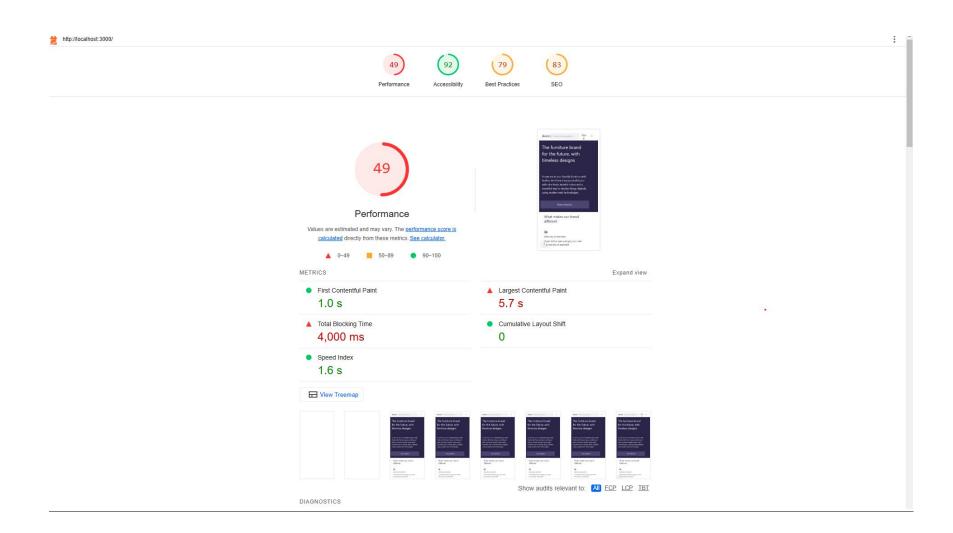
Find us on: 
O

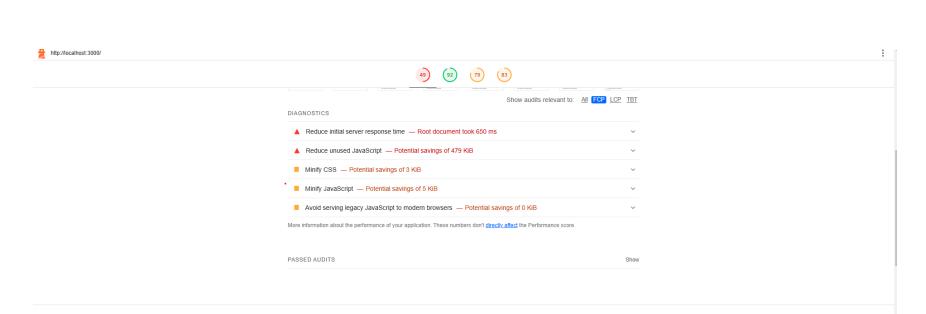
Contact Sales

Terms of Service

Privacy Policy

Catchpoint Systems, Inc. All rights reserved.







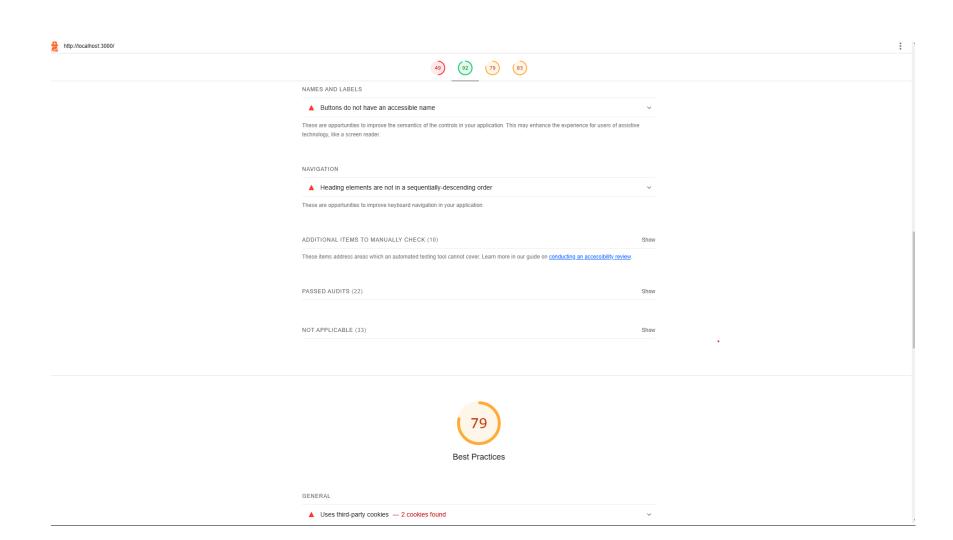
#### Accessibility

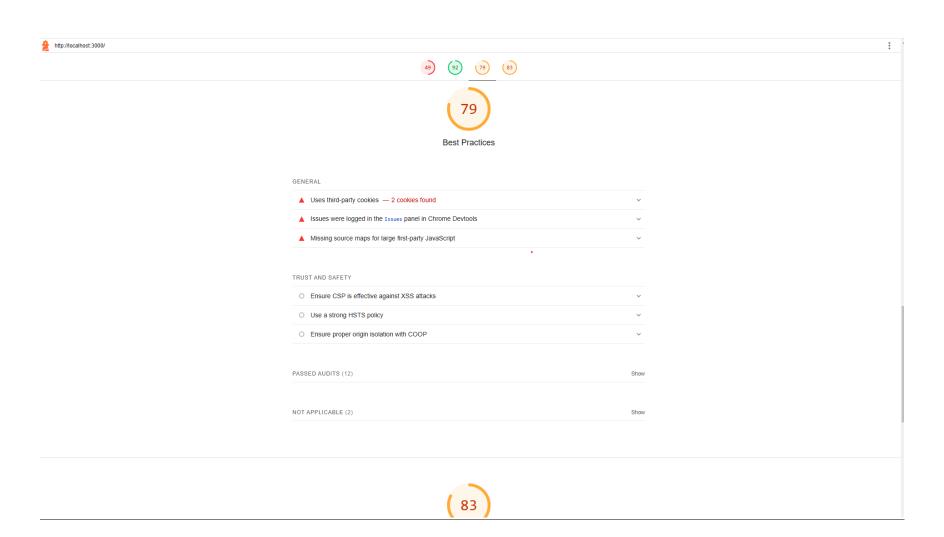
These checks highlight opportunities to <u>improve the accessibility of your web app</u>. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so <u>manual testing</u> is also encouraged.

#### NAMES AND LABELS

▲ Buttons do not have an accessible name

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.

















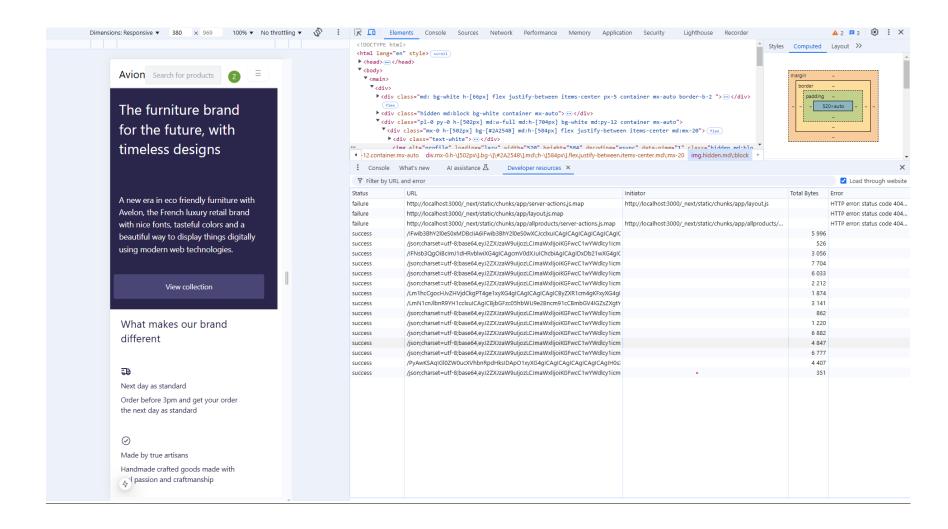
These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on

Core Web Vitals. Learn more about Google Search Essentials.

CRAWLING AND INDEXING							
▲ Links are not crawlable							
▲ robots.txt is not valid Lighthouse was unable to download a robots.txt file							
To appear in search results, crawlers need access	ss to your app.						
ADDITIONAL ITEMS TO MANUALLY CHECK (1)							
Run these additional validators on your site to check additional SEO best practices.							
PASSED AUDITS (7)		Show					
NOT APPLICABLE (1)		Show					
<ul><li>☐ Captured at Jan 23, 2025, 12:16 AM</li><li>GMT+5</li><li>Ō Initial page load</li></ul>	□ Emulated Moto G Power with Lighthouse 12.3.0  → Slow 4G throttling	♣ Single page session  ★ Using Chromium 132,0,0,0 with cli  ★ Using Chromium 132,0,0,0 with clip  ★ Using Chromium 132,0,0 with clip  ★ Using Chromium 132,0,0,0 with clip  ★ Using Chromium 132,0,0 with clip  ★ Using Chromium 132,0,0,0 with clip  ★ Using Chromium 132,0,0 with clip  ★ Using Chromium 132,0,0 with clip  ★ Using Chromium 132,0 with clip  ★					

Generated by Lighthouse 12.3.0 | File an issue

#### **Developer Resourses**



#### **Performance monitor**

