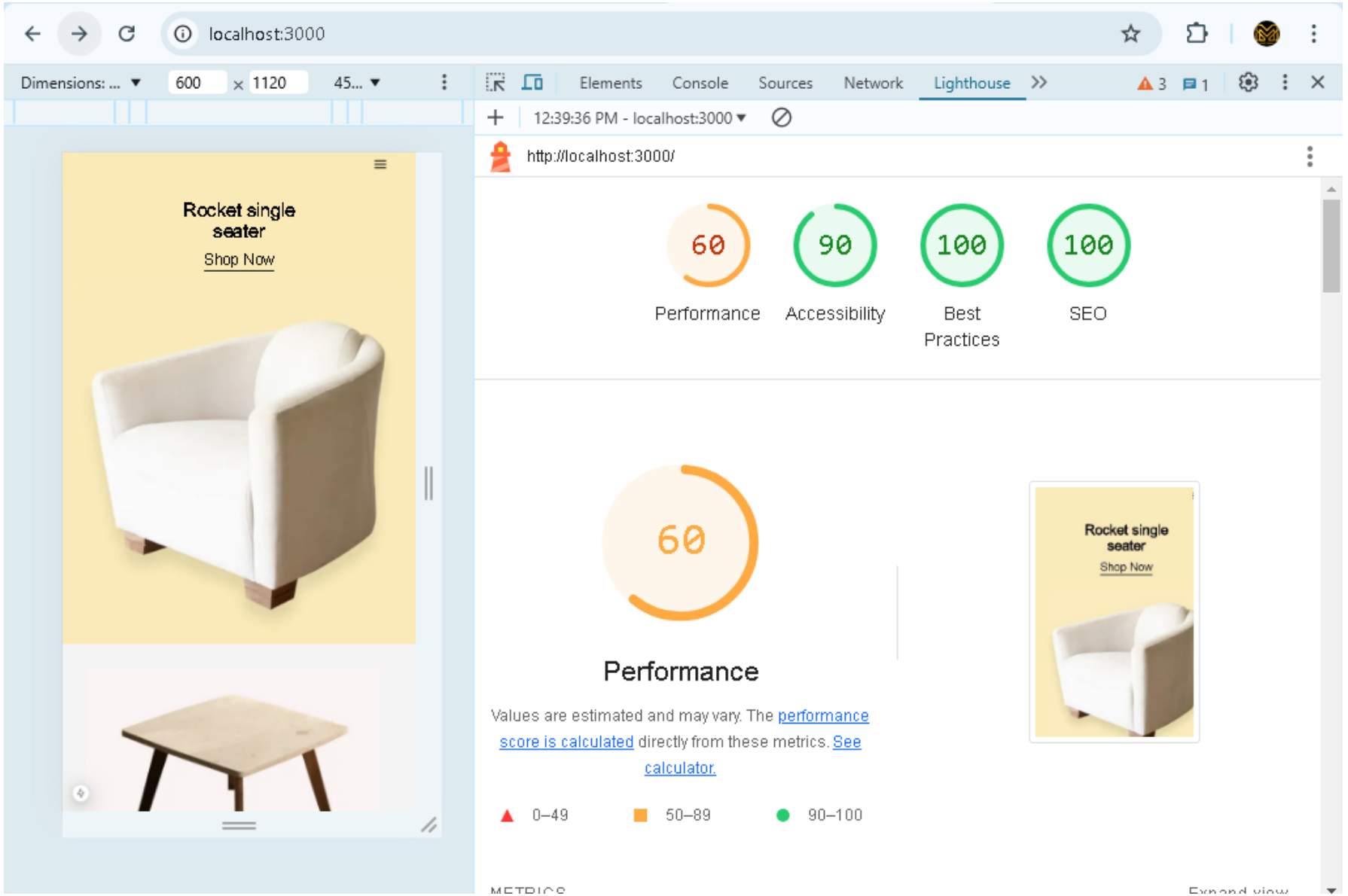
DAY 5: TESTING, ERROR HANDLING, AND BACKEND INTEGRATION, REFINEMENT:

CSV TEST REPORT:

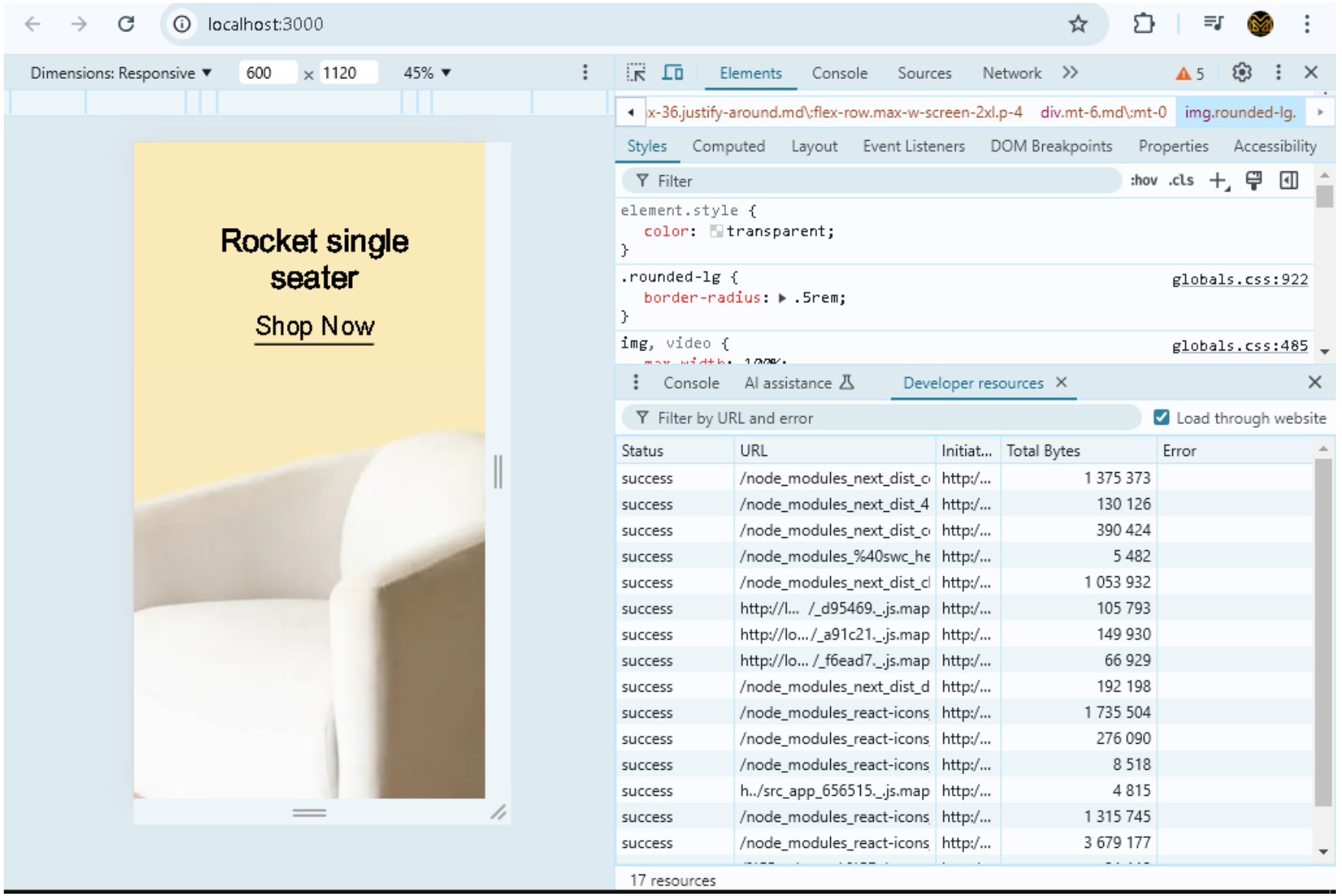
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Remarks
TC001	Validate product listing page	Open product page > Verify products	Product displayed properly aligned and correctly.	Product displayed properly aligned and correctly.	Passed	No Issues	No issues found products displayed correctly.
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	No Issues	Handled gracefully

TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	No Issues	Cart Works as expected
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended on mobile and large computer screens.	Passed	No Issues	Test successful Fully responsive.

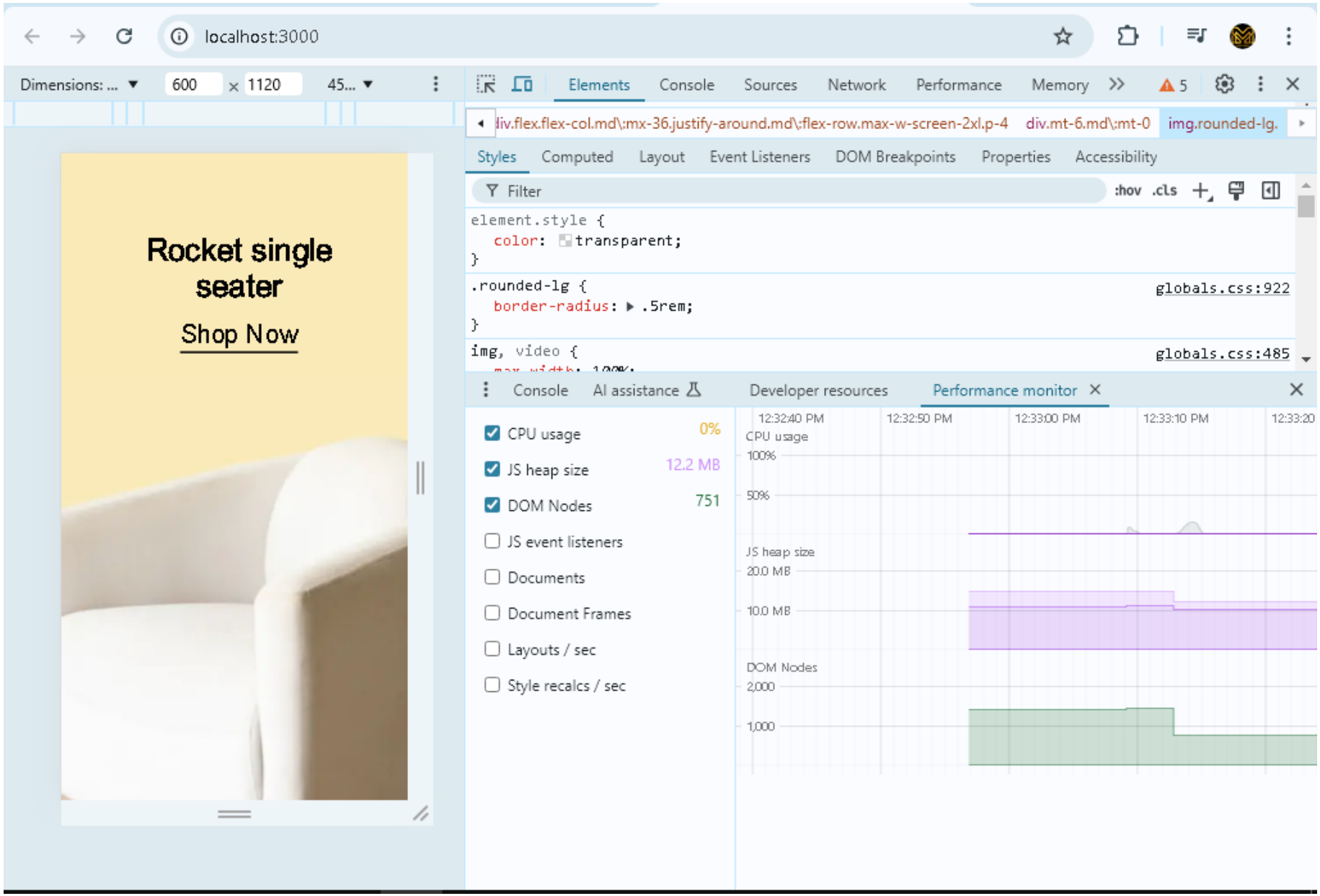
PERFORMANCE OPTIMIZATION (LightHouse):


localhost:3000
Dimensions: ...
600
1120
45...
Elements
Console
Sources
Network
Lighthouse
3
1
12:39:36 PM - localhost:3000
http://localhost:3000/
Rocket single seater
Shop Now
60
90
100
100
Performance
Accessibility
Best Practices
SEO
60
Performance
Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.
0–49
50–89
90–100
Rocket single seater
Shop Now
METRICS
Expand view

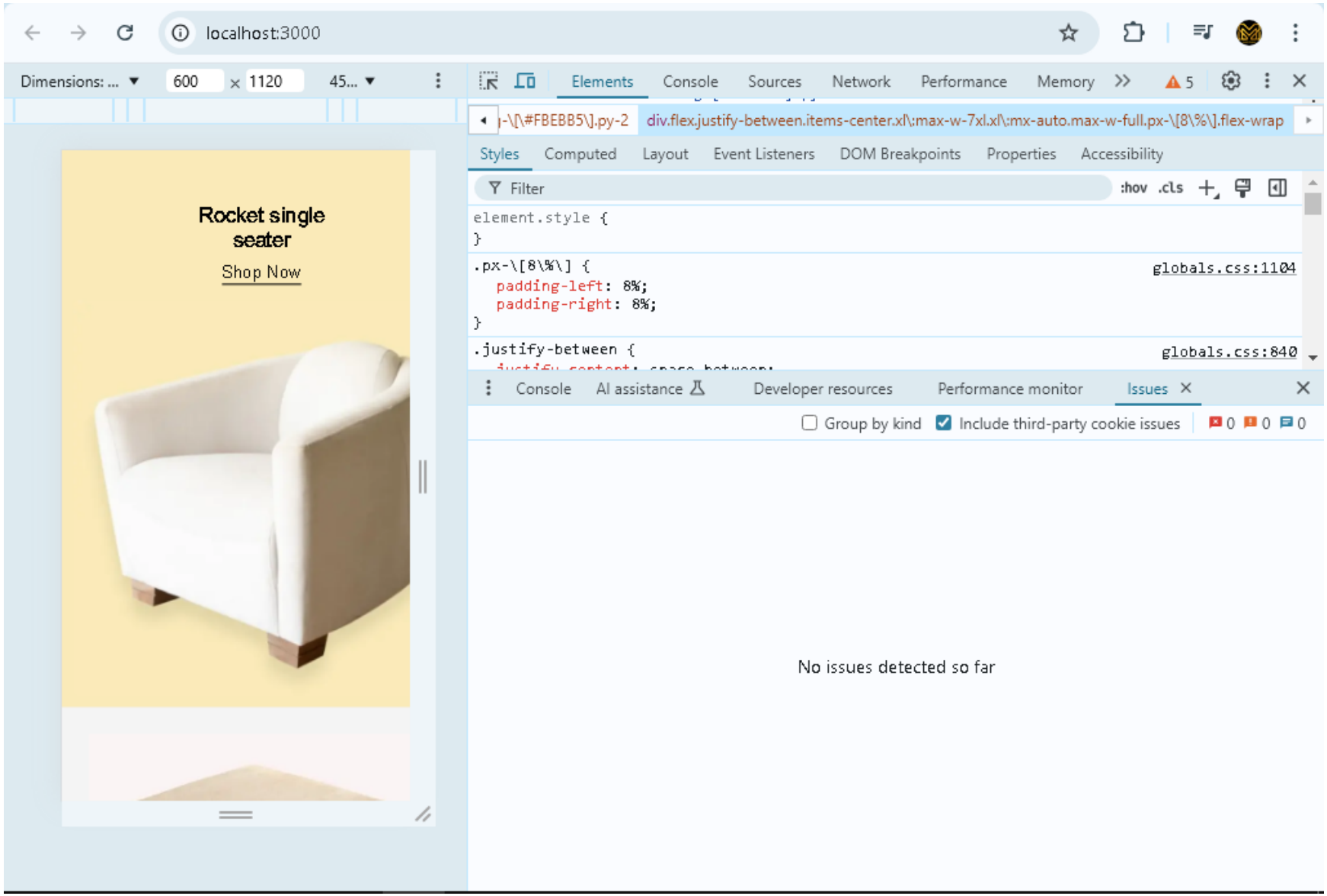
DEVELOPER RESOURCES:


localhost:3000
Dimensions: Responsive
600
1120
45%
Rocket single seater
Shop Now
Elements
Console
Sources
Network
5
x-36.justify-around.md\:flex-row.max-w-screen-2xl.p-4
div.mt-6.md\:mt-0
img.rounded-lg.
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Filter
:hov .cls
element.style {
color: transparent;
}
.rounded-lg {
globals.css:922
border-radius: .5rem;
}
img, video {
globals.css:485
Console
AI assistance
Developer resources
Filter by URL and error
Load through website
Status
URL
Initiat...
Total Bytes
Error
success /node_modules_next_dist_c http:/... 1 375 373
success /node_modules_next_dist_4 http:/... 130 126
success /node_modules_next_dist_c http:/... 390 424
success /node_modules_%40swc_he http:/... 5 482
success /node_modules_next_dist_cl http:/... 1 053 932
success http://l... /_d95469._.js.map http:/... 105 793
success http://lo.../_a91c21._.js.map http:/... 149 930
success http://lo... /_f6ead7._.js.map http:/... 66 929
success /node_modules_next_dist_d http:/... 192 198
success /node_modules_react-icons http:/... 1 735 504
success /node_modules_react-icons http:/... 276 090
success /node_modules_react-icons http:/... 8 518
success h../src_app_656515._.js.map http:/... 4 815
success /node_modules_react-icons http:/... 1 315 745
success /node_modules_react-icons http:/... 3 679 177
17 resources

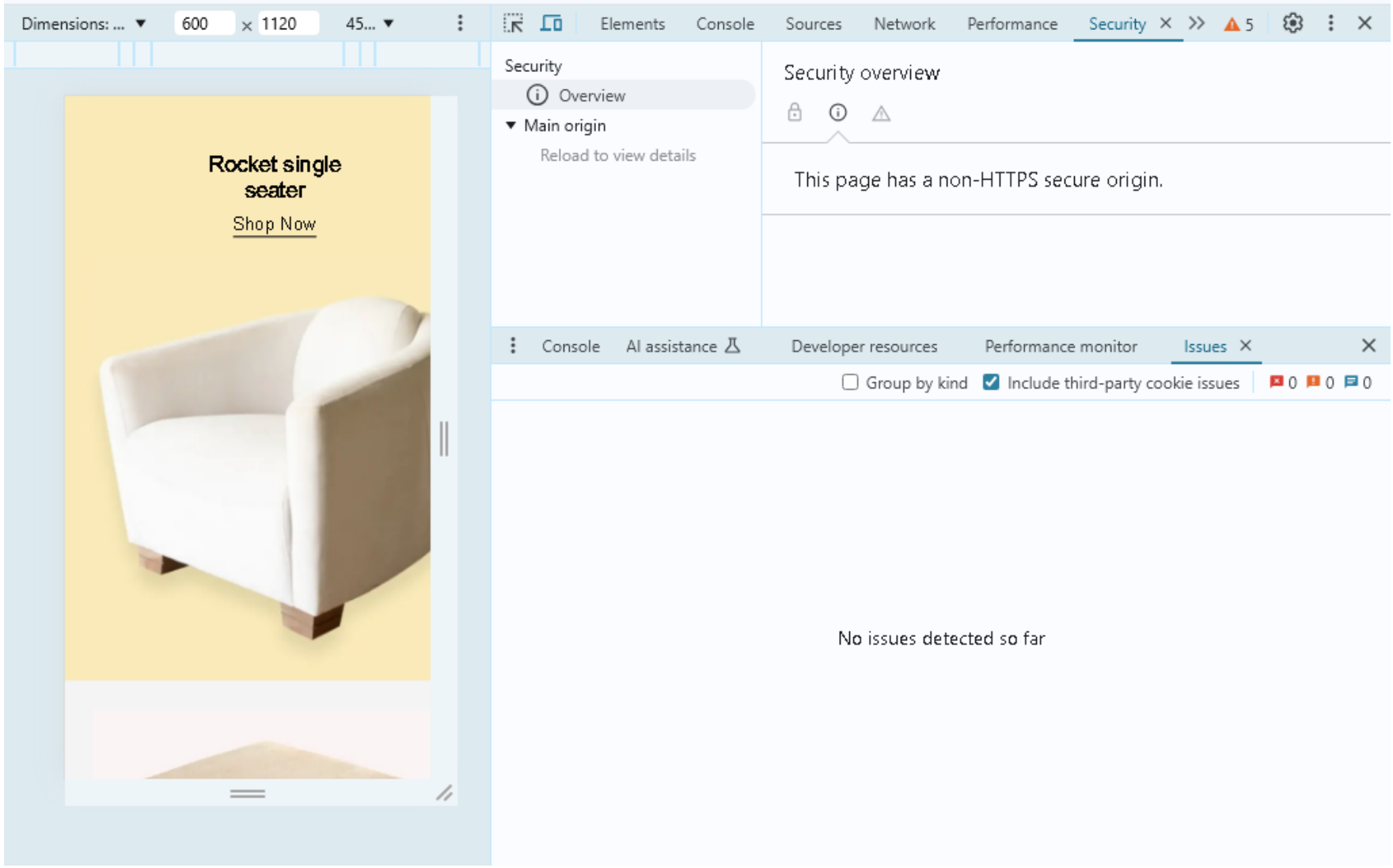
PERFORMANCE MONITOR:

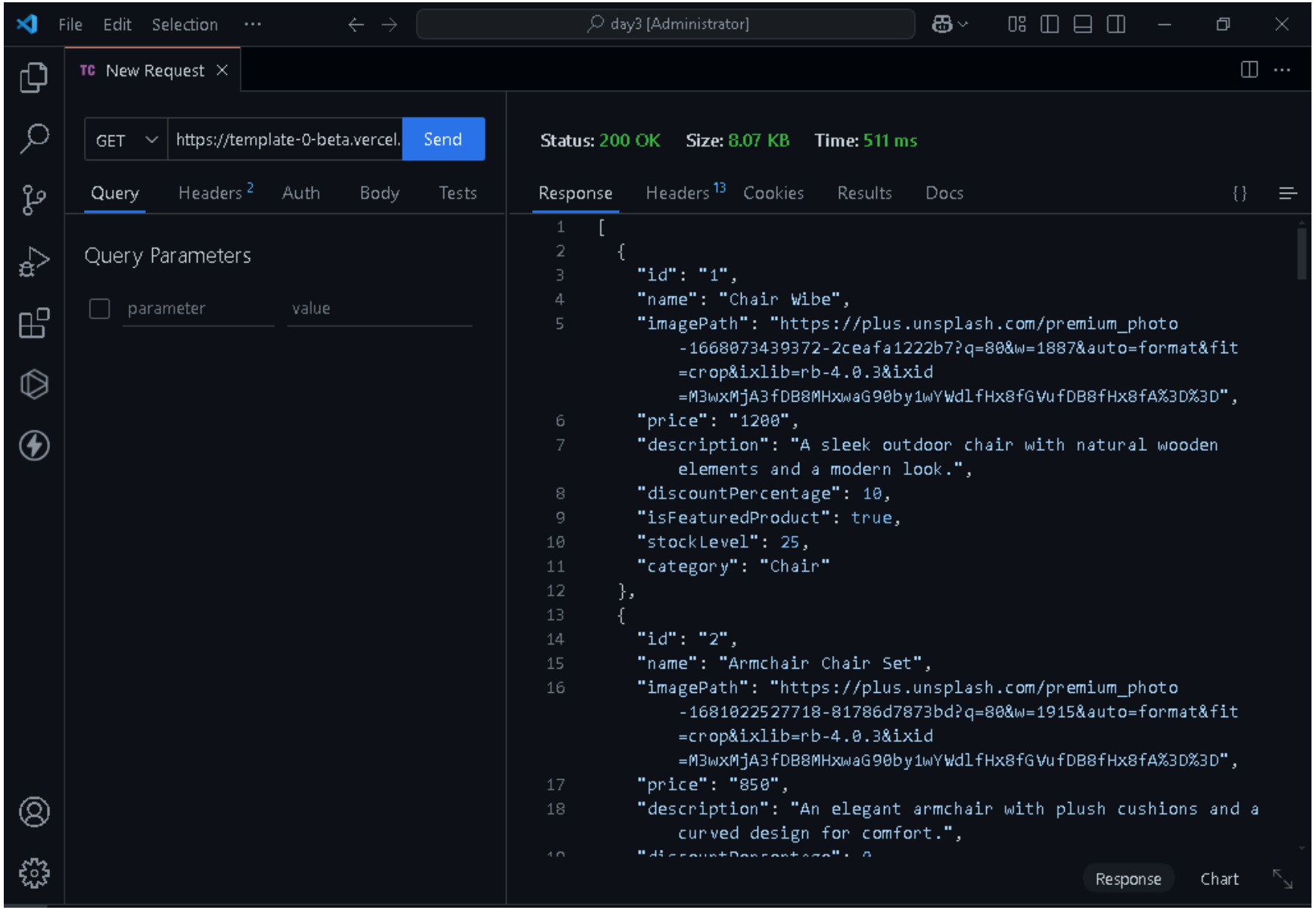

localhost:3000
Dimensions: ...
600
1120
45...
Rocket single seater
Shop Now
Elements
Console
Sources
Network
Performance
Memory
5
div.flex.flex-col.md\:mx-36.justify-around.md\:flex-row.max-w-screen-2xl.p-4
div.mt-6.md\:mt-0
img.rounded-lg.
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Filter
:hov
.cls
element.style {
color: transparent;
}
.rounded-lg {
border-radius: .5rem;
}
globals.css:922
img, video {
globals.css:485
Console
AI assistance
Developer resources
Performance monitor
CPU usage
0%
JS heap size
12.2 MB
DOM Nodes
751
JS event listeners
Documents
Document Frames
Layouts / sec
Style recalcs / sec
12:32:40 PM
12:32:50 PM
12:33:00 PM
12:33:10 PM
12:33:20
CPU usage
100%
50%
JS heap size
20.0 MB
10.0 MB
DOM Nodes
2,000
1,000

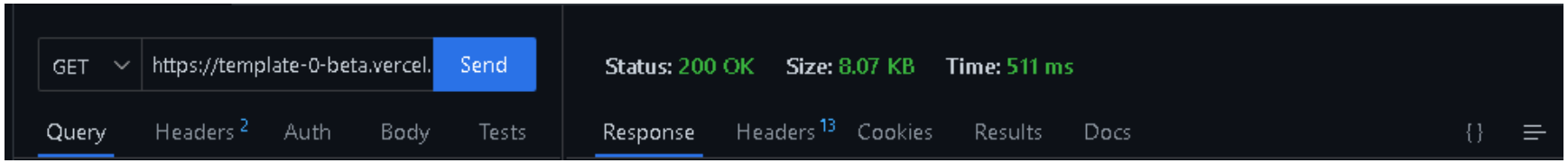
ISSUES:


localhost:3000
Dimensions: ...
600
1120
45...
Elements
Console
Sources
Network
Performance
Memory
Rocket single seater
Shop Now
Styles
Computed
Layout
Event Listeners
DOM Breakpoints
Properties
Accessibility
Filter
element.style {
}
.px-\[8\%\] {
padding-left: 8%;
padding-right: 8%;
}
globals.css:1104
.justify-between {
globals.css:840
Console
AI assistance
Developer resources
Performance monitor
Issues
Group by kind
Include third-party cookie issues
No issues detected so far

SECURITY OVERVIEW:




File Edit Selection
day3 [Administrator]
New Request
GET
https://template-0-beta.vercel.
Send
Query
Headers 2
Auth
Body
Tests
Query Parameters
parameter
value
Status: 200 OK
Size: 8.07 KB
Time: 511 ms
Response
Headers 13
Cookies
Results
Docs
{}
[
{
"id": "1",
"name": "Chair Wibe",
"imagePath": "https://plus.unsplash.com/premium_photo
-1668073439372-2ceafa1222b7?q=80&w=1887&auto=format&fit
=crop&ixlib=rb-4.0.3&ixid
=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D",
"price": "1200",
"description": "A sleek outdoor chair with natural wooden
elements and a modern look.",
"discountPercentage": 10,
"isFeaturedProduct": true,
"stockLevel": 25,
"category": "Chair"
},
{
"id": "2",
"name": "Armchair Chair Set",
"imagePath": "https://plus.unsplash.com/premium_photo
-1681022527718-81786d7873bd?q=80&w=1915&auto=format&fit
=crop&ixlib=rb-4.0.3&ixid
=M3wxMjA3fDB8MHxwaG90by1wYWdlfHx8fGVufDB8fHx8fA%3D%3D",
"price": "850",
"description": "An elegant armchair with plush cushions and a
curved design for comfort.",
Response
Chart


GET
https://template-0-beta.vercel.
Send
Status: 200 OK
Size: 8.07 KB
Time: 511 ms
Query
Headers 2
Auth
Body
Tests
Response
Headers 13
Cookies
Results
Docs
{}