

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

1. Functional Testing:

Product Listing: Products are displayed correctly with accurate details.

Cart Operations: Add, update, and remove functions work as expected, with correct total calculations.

Dynamic Routing: Product detail pages load correctly, and navigation is smooth.

Testing Tools:

HTTP

New Collection / New Request

Save

Share

GET

https://sanity-nextjs-application.vercel.app/api/hackathon/template7

Send

Params

Authorization

Headers (7)

Body

Scripts

Settings

Cookies

Body

Cookies

Headers (12)

Test Results

200 OK

1.15 s

1.24 KB

Save Response

JSON

Preview

Visualize

```
1  [
2    {
3      "id": 1,
4      "name": "Koenigsegg",
5      "type": "Sport",
6      "fuel_capacity": "90L",
7      "transmission": "Manual",
8      "seating_capacity": "2 People",
9      "price_per_day": "$99.00",
10     "image_url": "https://car-rental-website-five.vercel.app/_next/image?url=%2F_next%2Fstatic%2Fmedia%2Fcar.11698147.jpg&w=640&q=75",
11     "tags": [
12       "popular"
13     ]
14   },
15   {
16     "id": 2,
```

Activate Windows
Go to Settings to activate Windows.

Postbot

Runner

Start Proxy

Cookies

Vault

Trash

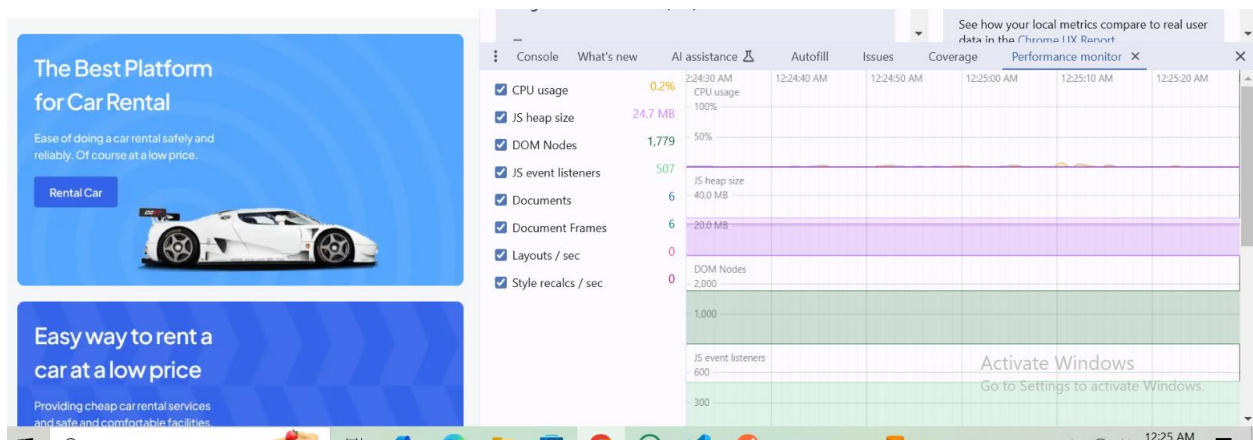
Testing Report:

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly
3	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message
4	TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product
5	TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size

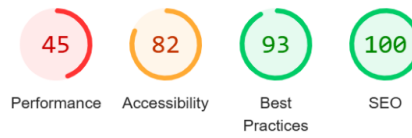
Developer Resources:

Status	URL	Initiator	Total Bytes	Error
success	chrome-extension://fmkadmapgo.../installHook.js.map	chrome-exten...	203 875	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWx		6 455	
success	/OiBib29sZWFuXG59XG5cbmNvbnN0IEJ1dHRvbiA9IFJl		3 006	
success	/json;charset=utf-8;base64,eyJ2ZXJzaW9uIjozLCJmaWx		479	
success	/ZTdkMjdlLCJzb3VyY2VzQ29udGVudCI6WyJpbXBvcnQ		3 393	
success	chrome-ext.../react_devtools_backend_compact.js.map	chrome-exten...	180 475	

Performance Monitor:

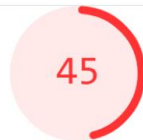


Performance:



There were issues affecting this run of Lighthouse:

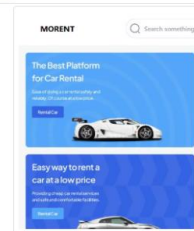
- Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.



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



METRICS

Expand view

▲ First Contentful Paint
3.7 s

▲ Largest Contentful Paint
4.4 s

▲ Total Blocking Time
10,930 ms

● Cumulative Layout Shift
0

■ Speed Index
4.7 s