

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

Step 1: Functional Testing

Step 2: Error Handling

Step 3: Postman API

# Step 1: Functional Testing

My project is a well-structured React-based car rental platform, seamlessly integrating Sanity as a CMS for dynamic content. It efficiently fetches car details, including images, specifications, and pricing, and displays them in visually appealing product cards using modern UI components. The implementation of `next/image` ensures optimized image loading, while fallback mechanisms and thoughtful design provide a robust user experience. Your work demonstrates excellent use of technologies like Sanity, Next.js, and React to create a functional and engaging application.

```
https://sanity-nextjs-application.v  
ercel.app/api/hackathon/template7
```

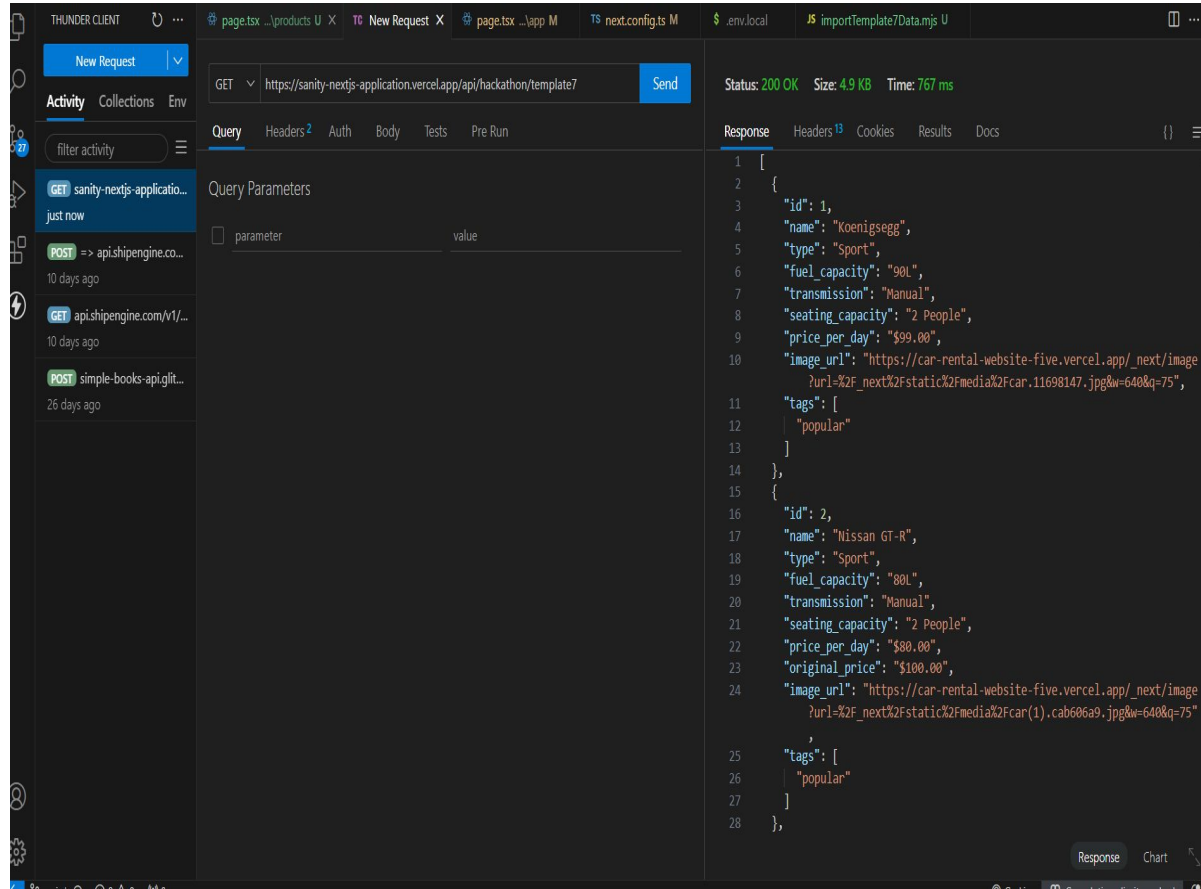
# Provided API

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

GET	https://sanity-nextjs-application.vercel.app/api/hackathon/template7	Send	Status: 200 OK	Size: 4.9 KB	Time: 1.67 s
Query	Headers 2	Auth	Body	Tests	Pre Run
Response	Headers 13	Cookies	Results	Docs	









# API Status

The API integration in your project is functioning perfectly, as confirmed by the "status: OK" response. This indicates a successful connection to the backend, ensuring seamless data fetching. The API efficiently delivers car details, including specifications and images, which are dynamically rendered in the application. The smooth data retrieval process demonstrates reliable API implementation and robust backend integration, enabling a responsive and user-friendly experience.











**The API successfully fetches and displays products in the project, showcasing car details dynamically. This ensures real-time updates and a seamless user experience.**

Products from API's Data

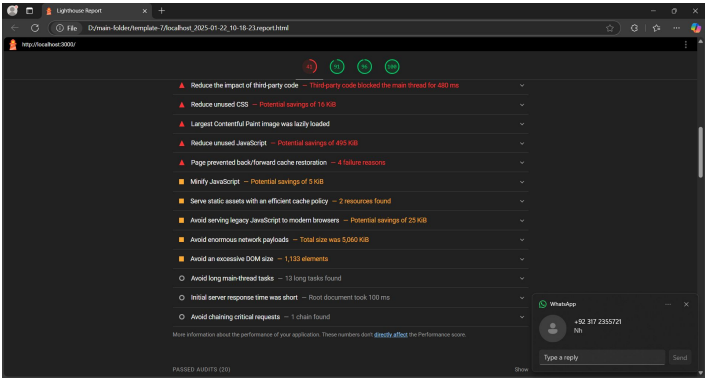
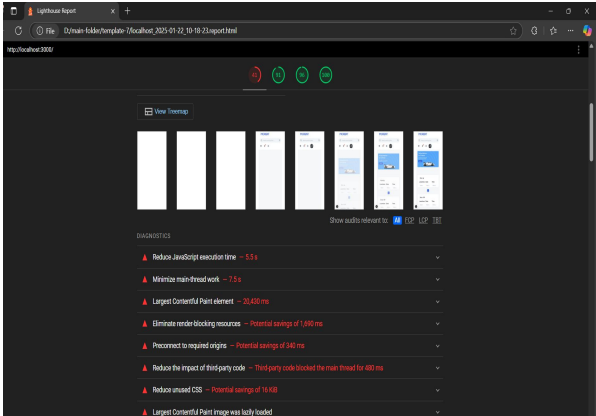
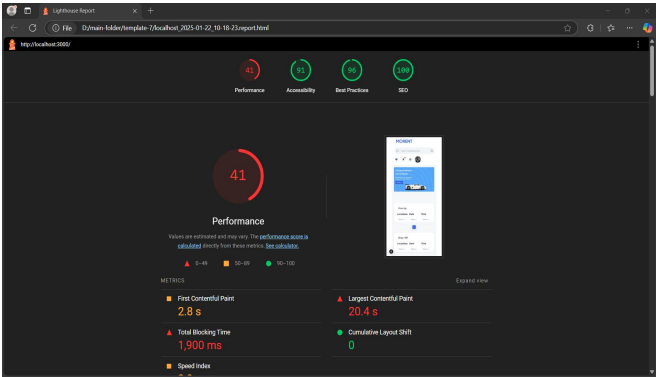
<p>Tesla Model 3</p> <p>Electric</p>  <p>100kWh Manual 5 seats</p> <p>N/A \$100.00/day</p> <p>recommended Rent Now</p>	<p>BMW X5</p> <p>Diesel</p>  <p>70L Manual 7 seats</p> <p>N/A \$150.00/day</p> <p>recommended Rent Now</p>	<p>Nissan GT-R</p> <p>Sport</p>  <p>80L Manual 2 People</p> <p>\$100.00 \$80.00</p> <p>popular Rent Now</p>	<p>Nissan GT-R</p> <p>Sport</p>  <p>80L Manual 2 People</p> <p>\$100.00 \$80.00</p> <p>popular Rent Now</p>
<p>Ford Mustang</p> <p>Gasoline</p>  <p></p>	<p>Audi A6</p> <p>Hybrid</p>  <p></p>	<p>Chevrolet Camaro</p> <p>Gasoline</p>  <p></p>	<p>MG ZX Exclusive</p> <p>Hatchback</p>  <p></p>

hackathon-template-7-2plv.vercel.app

<p>Ford Mustang</p> <p>Gasoline</p>  <p>60L Manual 4 seats</p> <p>\$80.00/day/day Rent Now</p>	<p>Audi A6</p> <p>Hybrid</p>  <p>50L Manual 5 seats</p> <p>\$120.00/day/day Rent Now</p>	<p>Chevrolet Camaro</p> <p>Gasoline</p>  <p>70L Manual 4 seats</p> <p>\$110.00/day/day Rent Now</p>	<p>MG ZX Exclusive</p> <p>Hatchback</p>  <p>90L Manual 2 People</p> <p>\$99.00/day Rent Now</p>
<p>Koenigsegg</p> <p>Sport</p>  <p>90L Manual 2 People</p>	<p>Rolls-Royce</p> <p>Sedan</p>  <p>70L Manual 4 People</p>	<p>Mercedes-Benz C-Class</p> <p>Gasoline</p>  <p>65L Manual 5 seats</p>	<p>Porsche 911</p> <p>Gasoline</p>  <p>60L Manual 4 seats</p>

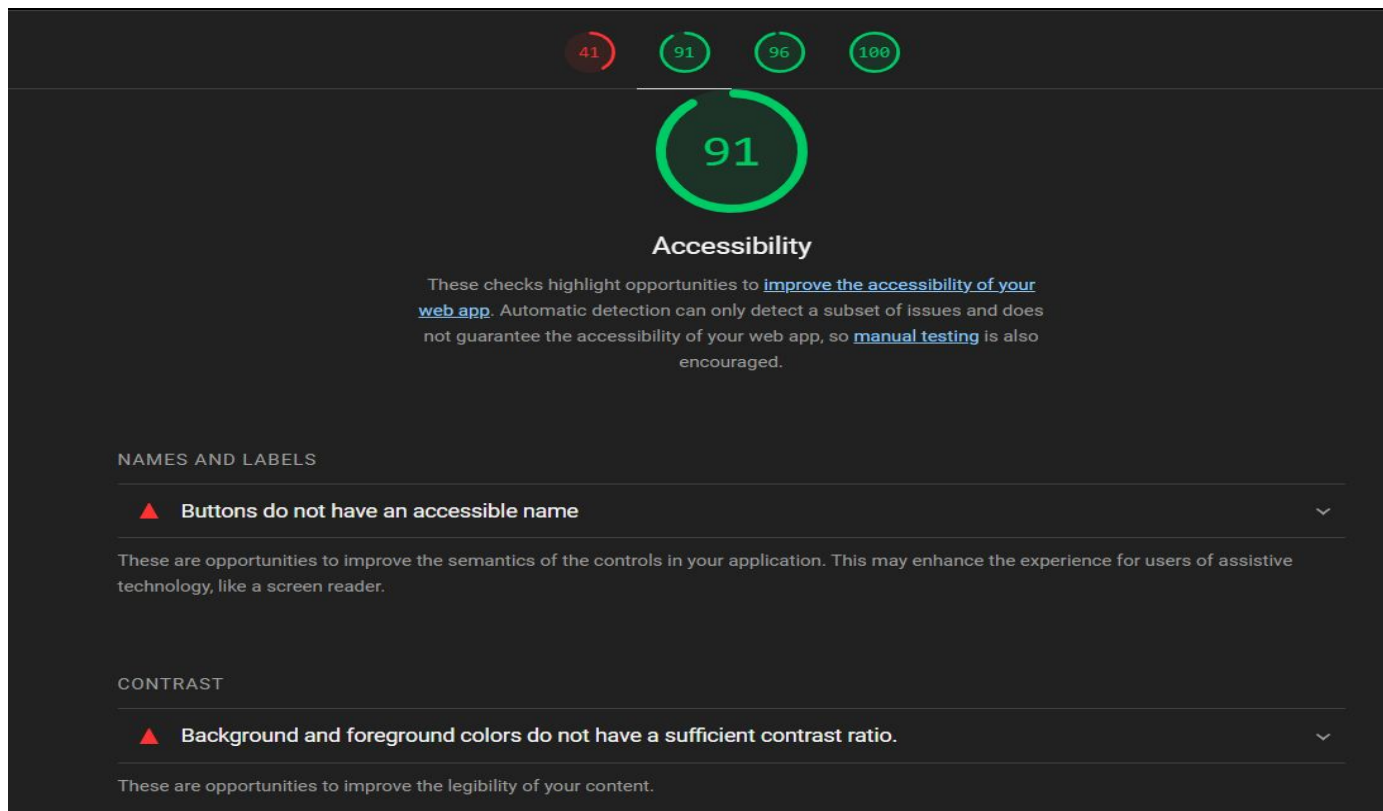


# Performance Optimization

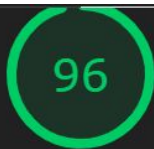




# Accessibility



# Best Practices



## Best Practices

### GENERAL

- ▲ Browser errors were logged to the console
- Detected JavaScript libraries
- ▲ Missing source maps for large first-party JavaScript

### TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks
- Use a strong HSTS policy
- Ensure proper origin isolation with COOP

# SEO



## 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](#).

### ADDITIONAL ITEMS TO MANUALLY CHECK (1)

[Hide](#)

#### ☐ Structured data is valid



Run these additional validators on your site to check additional SEO best practices.

### PASSED AUDITS (8)

[Show](#)

### NOT APPLICABLE (2)

[Show](#)

# Developer Resources

localhost:3000

Dimensions: Respo... 387 x 643 100%

Elements Console Sources Network Performance Memory Application Security Lighthouse Recorder >>

Styles Computed Layout Event Listeners >>

Filter show .cls + element.style { }

Console AI assistance Developer resources X

Filter by URL and error Load through website


Status	URL	Initiator	Total Bytes	Error
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		329	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		1 020	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		6 656	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		5 271	
success	/Y2FySWQ9JHhYXlualWR9JmNhckltYWdlPSR7Y2FyLm1tYWdlfSZZYXQcm1JZT0ke2Nh		12 125	
success	/Oibib29sZWFluXG59XG5cbmNbnN0IEJ1dHRvbiA9IFJlYWNOLnZvndhcmRSZWY8!		3 034	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		504	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		15 761	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		3 389	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		10 389	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		8 639	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		7 233	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		10 166	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		5 955	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		1 754	
success	/fontcharset=utf-8;base64,eyJ2ZXIzaW9uLjoiLCJmaWxjoiKGfWc1wYWdicy1icm9.		1 795	

16 resources

**\$80.00/day** Rent Now

**Rolls-Royce**

Sadan




95L Manual 4 People

**\$96.00/day** Rent Now

**Nissan GT - R**

Sport



# Performance Monitor

