

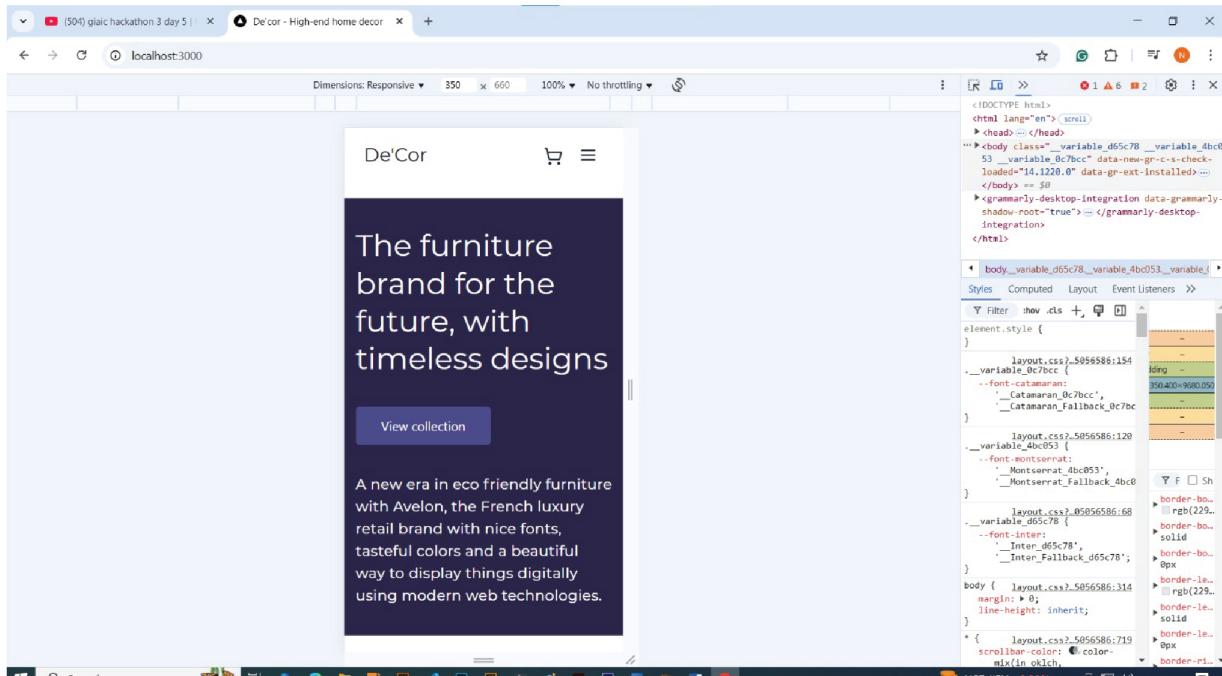
DAY-5

Marketplace " De'cor "

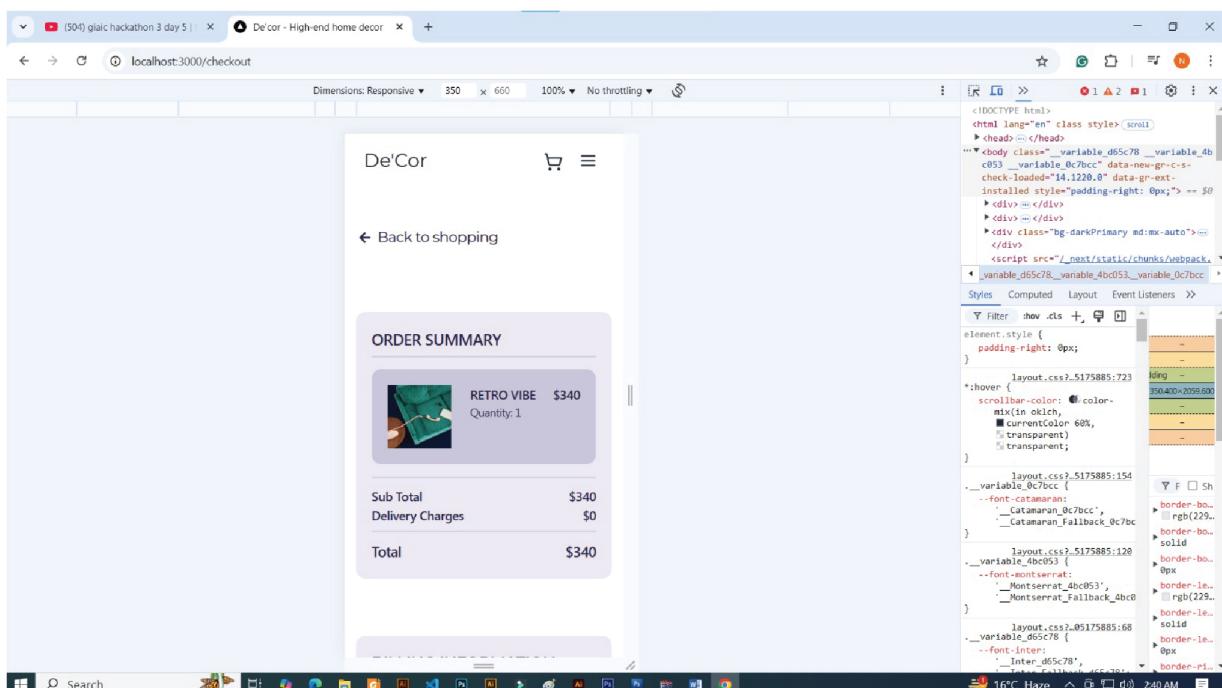
TESTING, ERROR HANDLING, AND BACKEND INTEGRATION REFINEMENT

I am doing documentation after completion all six days of work done

All Components are Mobile Responsive and Functional



The screenshot shows the De'Cor marketplace homepage. The main content features a dark background with white text. It displays a headline: "The furniture brand for the future, with timeless designs". Below this is a button labeled "View collection". To the right, there is a sidebar with a "View collection" button. The bottom section contains a paragraph about Avelon, the French luxury retail brand, highlighting eco-friendly furniture, nice fonts, and modern web technologies. A mobile developer tools overlay is visible on the right side, showing the HTML structure and CSS styles for the current page.



The screenshot shows the De'Cor marketplace checkout page. The main content displays an "ORDER SUMMARY" section. It includes a product thumbnail for "RETRO VIBE" priced at \$340, with a quantity of 1. Below this, the "Sub Total" is listed as \$340, "Delivery Charges" as \$0, and the "Total" as \$340. A "Back to shopping" link is also present. A mobile developer tools overlay is visible on the right side, showing the HTML structure and CSS styles for the current page.

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API Test on Thunder Client -----> Status: 200 ok
API works perfect

The screenshot shows the Thunder Client interface. On the left, there's a sidebar with various icons and a search bar. The main area has tabs for 'New Request' and 'New Request X'. A sub-tab 'TC Release Notes' is active. Below that, a 'Query' tab is selected, showing a GET request to 'https://hackathon-apis.vercel.app/api/products'. The status bar indicates 'Status: 200 OK', 'Size: 14.43 KB', and 'Time: 167 ms'. The response pane on the right displays a JSON object representing a product. The JSON includes fields like 'name', 'slug', 'price', 'name', 'description', 'features', 'tags', 'id', 'dimensions', 'image', and 'name'. The JSON is heavily annotated with line numbers from 427 to 451.

Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	High	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	High	-	Handled gracefully
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High	-	No issues found
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	High	-	No issues found
TC005	Dynamic Routing	Verify individual page > load correctly	Dynamic page should work properly	working properly	Passed	High	-	Work as expected
TC006	Filters	user selected filters > product display	user selected field working properly	all filters working properly	Passed	High	-	Work as expected

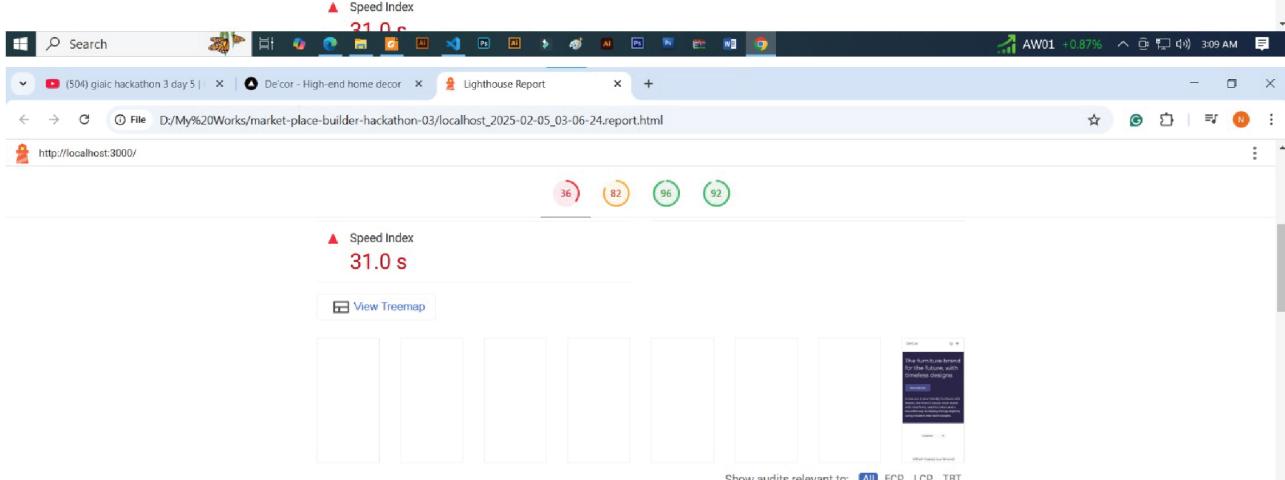
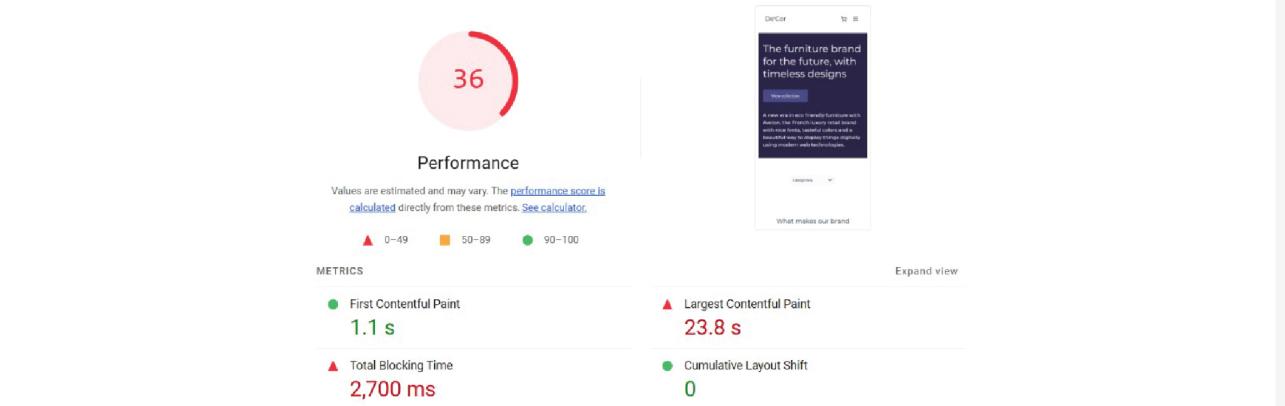
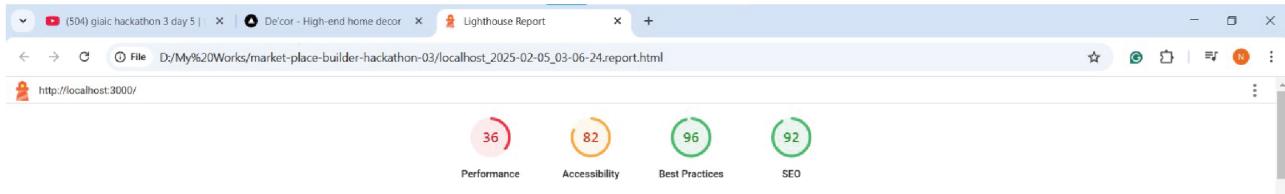
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Reports from Lighthouse



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Reports from Lighthouse

Lighthouse Report

http://localhost:3000/

36 82 96 92

- ▲ Page prevented back/forward cache restoration – 4 failure reasons
- Minify CSS – Potential savings of 3 KiB
- Minify JavaScript – Potential savings of 5 KiB
- Eliminate render-blocking resources – Potential savings of 0 ms
- Avoid serving legacy JavaScript to modern browsers – Potential savings of 0 KiB
- Reduce unused CSS – Potential savings of 12 KiB
- Avoid enormous network payloads – Total size was 4,085 KiB
- Avoid long main-thread tasks – 7 long tasks found
- Avoids an excessive DOM size – 321 elements
- Avoid chaining critical requests – 1 chain found
- Minimize third-party usage – Third-party code blocked the main thread for 0 ms

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (20)

Show

AWD1 +0.87% 8:10 AM

Search

Lighthouse Report

http://localhost:3000/

82

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

- ▲ Buttons do not have an accessible name
- ▲ Links do not have a discernible name
- ▲ Image elements have [alt] attributes that are redundant text.

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Reports from Lighthouse

The screenshot shows a Lighthouse report for a website. The overall score is 96 out of 100 for Best Practices. The report includes sections for ADDITIONAL ITEMS TO MANUALLY CHECK (10), PASSED AUDITS (20), and NOT APPLICABLE (32). The report is displayed in a browser window with a dark theme.

Best Practices (Score: 96)

User Experience

- ▲ Displays images with incorrect aspect ratio

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 (13)

NOT APPLICABLE (2)

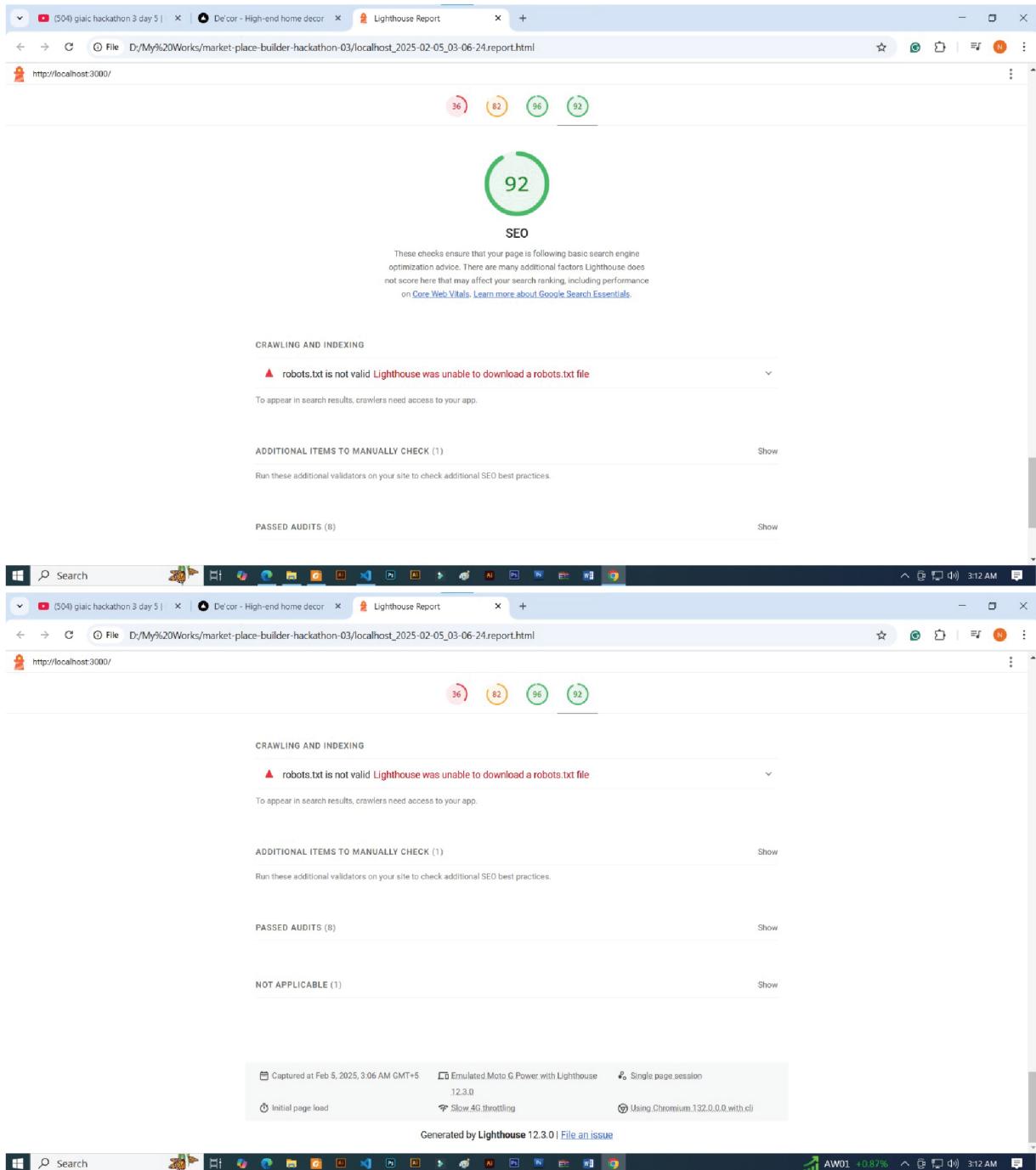
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Reports from Lighthouse



Performance : 36 | Accessibility : 82 | Best Practices : 96 | SEO : 92

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Developer Resources

The screenshot shows a web browser's developer tools open to the 'Developer resources' section. The 'Elements' tab is active, displaying the HTML and CSS code for a chair component. The 'Network' tab shows a list of requests made to the server, including various static files and API endpoints. The 'Performance' tab is also visible at the bottom.

Performance Monitor

The screenshot shows a web browser's developer tools open to the 'Performance monitor' tab. This tab displays real-time performance data across multiple metrics: CPU usage, JS heap size, DOM Nodes, JS event listeners, Documents, Document Frames, Layouts / sec, and Style recalcs / sec. Each metric has a corresponding chart showing its value over time, with specific data points labeled.

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Security

