

Day 5 - Testing and Backend Refinement (Comforty)

Overview

Today, I have completed the final rounds of testing, error handling, and backend integration refinements for the Comforty Marketplace. This platform specializes in offering a wide variety of stools, chairs, and sofas. The objective was to ensure that all website components functioned smoothly, were optimized for speed, and were ready for real-world deployment.

Overview of Tasks Completed:

Functional Testing:

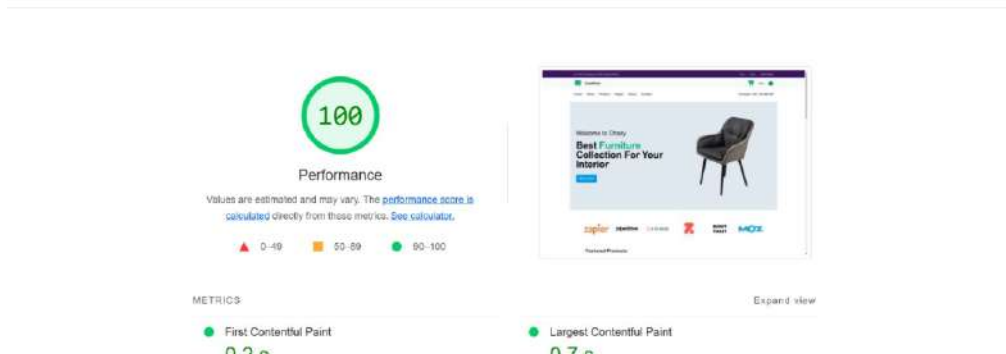
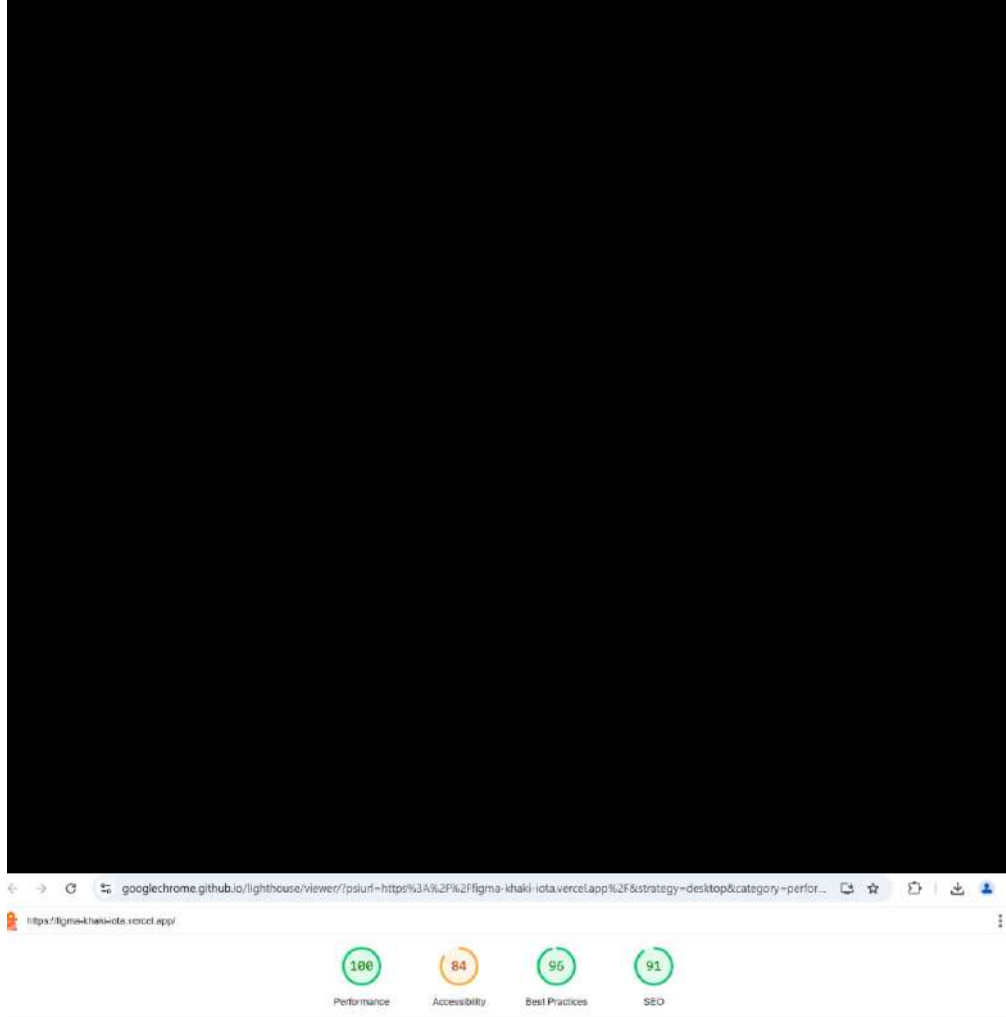
- I thoroughly tested the core features of the website, including product pages for stools, chairs, and sofas, category listings, cart operations, and user profile management.
- I manually ensured that each page is loading correctly, that products are displayed with their details, and that users can navigate between pages without issues.

Error Handling:

- I added error messages for situations where something goes wrong, like network failures or missing data. For example, if a product is not found or a category has no products, I made sure the website shows a clear message to the user: "No products available" or similar.
- I implemented fallback UI elements to provide a better experience if the site encounters problems, ensuring users know something went wrong.

Backend Integration:

- I worked on integrating the backend so the product data is fetched properly from the server. If the server fails, the website shows a fallback UI that handles the error smoothly without crashing.
- I also ensured that the API correctly serves product data, so users see the latest updates to the product catalog.



A	B	C	D	E	F	G
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	Low
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Passed	Medium
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Passed	High
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Passed	Medium