

Day 5 - Testing, Error Handling, and Backend Integration Refinement

[Elegant Peace]

Test Report

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Overview:

Today, I worked on my furniture website and implemented error handling to ensure smooth functionality. I also reviewed dynamic routing and the slug field to enhance the website's structure.

1. Functional Testing

I manually tested the core features of my furniture website, including product listings, search functionality, cart operations, and dynamic routing, to ensure they are working as intended.








2. Error Handling


I manually tested error handling on my furniture website to ensure that errors are properly caught and displayed, preventing unexpected crashes and improving user experience.

3. Backend Integration

I conducted manual testing of backend integration on my furniture website to ensure smooth data flow between the frontend and backend. This included verifying API responses, database interactions, and error handling to maintain seamless functionality and a reliable user experience.

Testing Report(CSV Format)

Test Case ID	Feature	Test Steps	Expected Result	Actual Result	Status
TC-001	Product Listing	1. Open homepage. 2. Check if products are listed.	Products should be displayed correctly.	Products displayed correctly.	 Passed
TC-002	Product Details	1. Click on a product. 2. Check if product details page loads.	Product details page should open.	Product details page opened successfully.	 Passed
TC-003	Product Search	1. Enter "productName" in the search bar. 2. Click Search.	Search results should show.	Search results displayed correctly.	 Passed
TC-004	Filter Functionality	1. Select filter option 2. Check if products are filtered.	Products should be filtered by selected tags.	Products filtered correctly.	 Passed
TC-005	Add to Cart	1. Add a product to the cart. 2. Check if the cart is updated.	Cart should update with the added product.	Cart updated with selected product.	 Passed
TC-006	Remove from Cart	1. Add product to the cart. 2. Remove product from the cart.	Cart should remove the product correctly.	Product removed from the cart.	 Passed
TC-007	Dynamic Routing	1. Click on a product. 2. Check if product detail page loads correctly.	Product detail page should load with correct data.	Correct product details displayed.	 Passed

TC-008	Cart Operations	1. Add multiple products to the cart. 2. Update quantity of an item.	Cart should update the total price and quantity.	Cart updated correctly.	 Passed
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Conclusion:

During the testing process, I faced several challenges, but overcoming them was an exciting and rewarding experience. Identifying and resolving issues helped improve the functionality and reliability of the system. Overall, it was a great learning journey! 🚀

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