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

Task Report: Premium Furniture & Decor Marketplace

Overview

Website bilkul theek aur functional hai. Sare components, jaise ke product listing, forms, aur cart functionalities, theek kaam kar rahe hain. Data sahi fetch ho raha hai aur har device par design bilkul theek adjust ho raha hai.

Features Tested

- **Product Listing:** Products theek tarah se display ho rahe hain aur backend se sahi data fetch ho raha hai.

- **Forms:** Forms ka functionality sahi hai

- **Cart Operations:** Cart main items add, update aur remove karne ka process smoothly kaam kar raha hai.

- **Dynamic Routing:** Product ka detail page theek se load ho raha hai aur sahi data display ho raha hai.

Error Handling

- Har tarah ke errors handle kiye gaye hain, jaise:

    o Invalid input.

    o Network ya server errors.

    o Agar product list khali ho, toh message show hota hai: *"No items found."*

Performance Testing

- **Google PageSpeed Insights:**

    o **Mobile Score:** [91%]

    o **Desktop Score:** [100%]

Cross-Browser & Device Testing

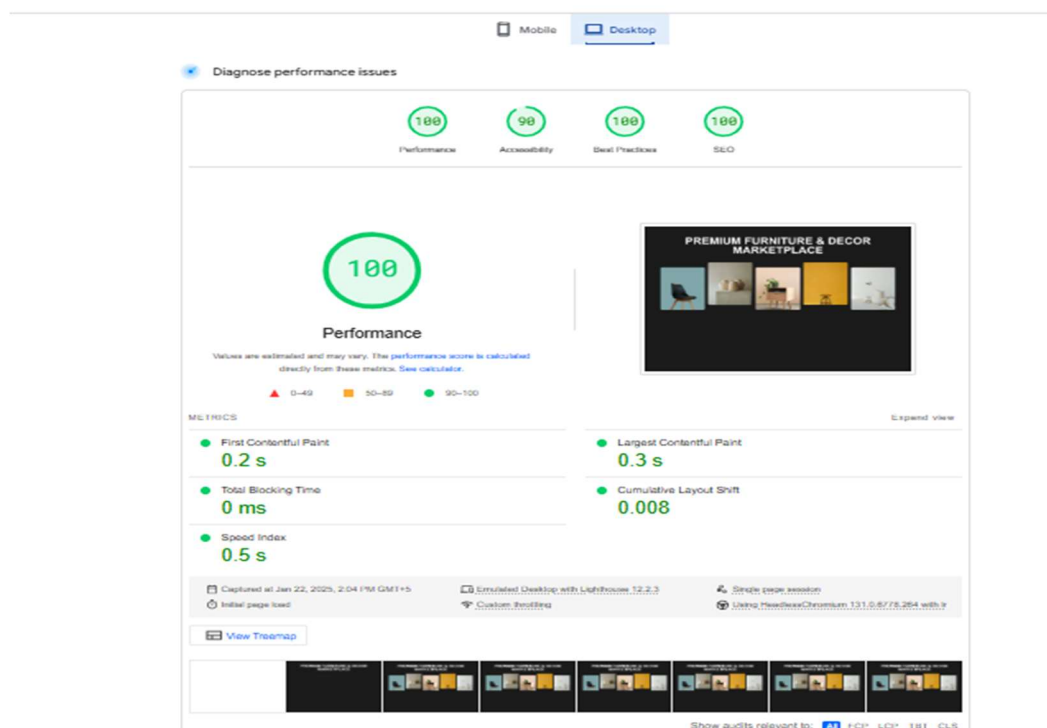- **Browsers Tested:** Chrome

- **Devices Tested:** Desktop aur mobile.

Testing ke liye **[Google PageSpeed Insights](#).** ka use kiya aur manually bhi physical devices par test kiya gaya.
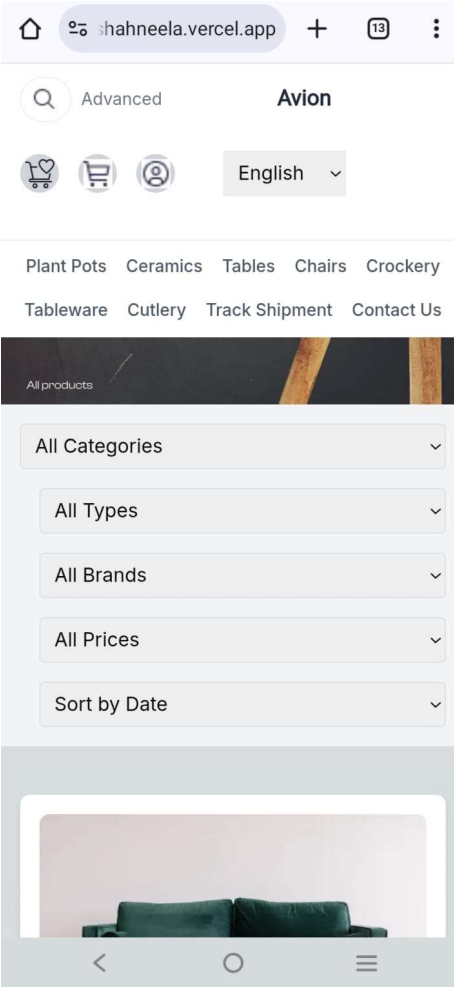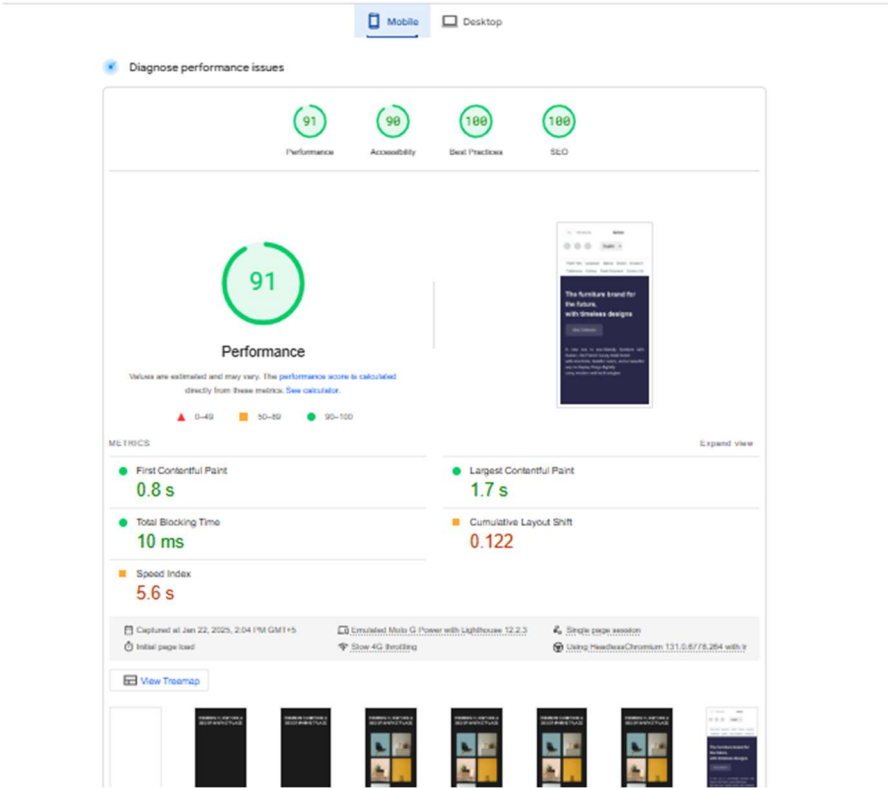

Security Measures

- **Input Validation:** Invalid ya malicious inputs ko prevent karne ke liye validate kiya gaya.

- **HTTPS Communication:** API calls secure hain.

- **Environment Variables:** Sensitive data jaise API keys securely store ki gayi hain.

User Feedback

Website ka usability test kiya gaya, sab kuch smoothly kaam kar raha hai aur koi major issue report nahi hua.

TEST REPORT							
TEST ID	TEST CASE DESCRPTION	TEST STEPS	EXPECTED RESULT	ACTUAL RESULT	STATUS	SEVERITY LEVEL	REMARKS
TC001	TEST NAVIGATION BAR LINK	CLICK EACH LINK IN THE NAVIGATION BAR	ALL LINKS WORKING CORRECTLY	ALL LINKS WORKING CORRECTLY	PASSED	MINOR	VERIFIED
TC002	SIGNUP	ENTER CREDEBTIALS & CLICK LOGIN	SIGNUP SUCCESSFULLY	NO SIGN UP	FAILED	HIGH	CHECKED
TC003	TEST VALID LOGIN	ENTER CREDEBTIALS & CLICK LOGIN	SIGNIN SUCESSFULLY	NO SIGGN IN	FAILED	HIGH	CHECKED
TC004	TEST PRODUCTS PAGE	FETCH ALL DATA FROM SANITY	ALL DATA FETCHED	SUCESSFULLY DATA FETCHED	PASSED	NO	VERIFIED
TC005	DYNAMIC DETAIL	CLICK ON VIEW DETAIL BUTTON	PRODUCT DETAIL SHOWN	SUCESSFULLY DATA RENDER	PASSED	NO	VERIFIED
TC006	SEARCH FUNCTIONALITY	TYPE CATEGORY & CLICK ON SEARCH	RESULT SHOWN	NOT FULLY FUNCTIONAL	FAILED	HIGH	CHECKED
TC007	ADVANCE SEARCH FUNCTIONALITY	SELECT CATEGORY & CLICK ON SEARCH	RESULT SHOWN	CORRECT WORKING	PASSED	MINOR	VERIFIED
TC008	CART FUNCTIONALITY	ADD/REMOVE PRODUCTS	WORKING CORRECTLY	WORKING CORRECTLY	PASSED	MINOR	VERIFIED
TC009	WISHLIST FUNCTIONALITY	ADD/REMOVE PRODUCTS	WORKING CORRECTLY	WORKING CORRECTLY	PASSED	MINOR	VERIFIED
TC010	PAGINATION	NAVIGATE THROUGH PAGE NUMBERS	WORKING CORRECTLY	WORKING CORRECTLY	PASSED	NO	VERIFIED
TC011	CHECKOUT	GO TO PROCEED TO CHECKOUT-> FILL DETAIL-> SELECT PAYMENT METHOD->PLACE ORDER	WORKING CORRECTLY	WORKING CORRECTLY	PASSED	MINOR	CHECKED
TC012	RESPONSIVENESS	INPECT ON BROWSER->CHECK LAYOUT	RESPONSIVE ON ALL SCREENS	WORK AS EXPECTED	PASSED	MINOR	VERIFIED