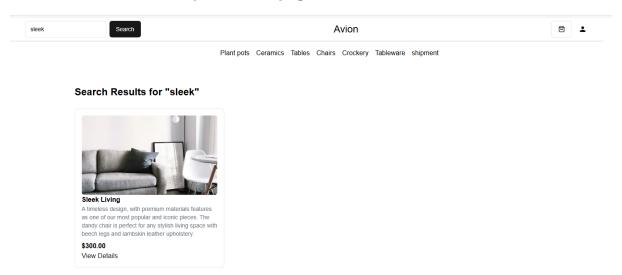
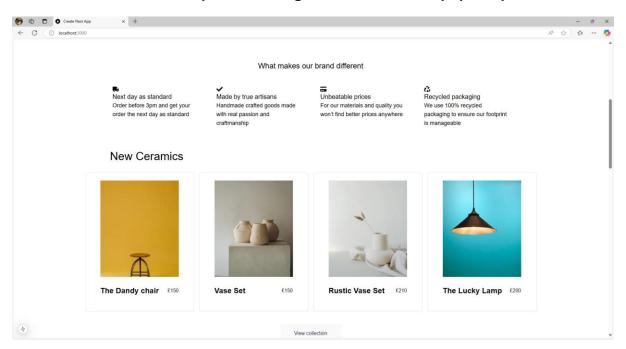
DAY 5 - TESTING, ERROR HANDLING, AND BACKEND INTEGRATION REFINEMENT

1. Functional Deliverables:

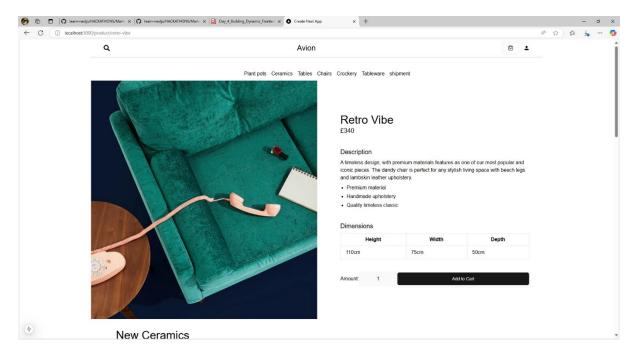
i- Search component and page:



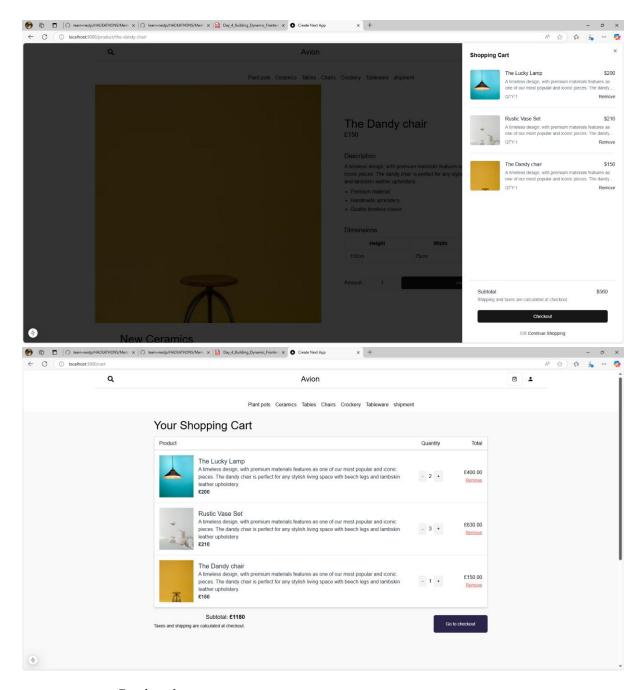
ii- Product component for tag new ceramics and popular products:



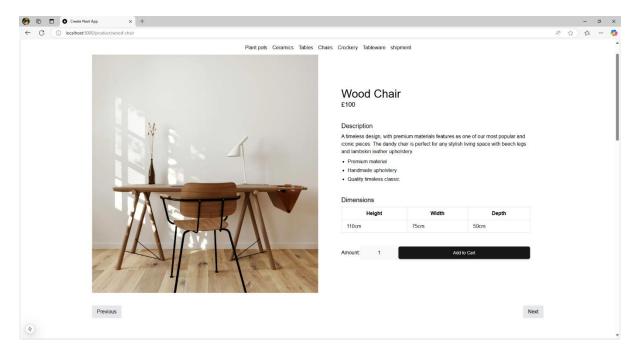
iii- Product detail dynamic route:



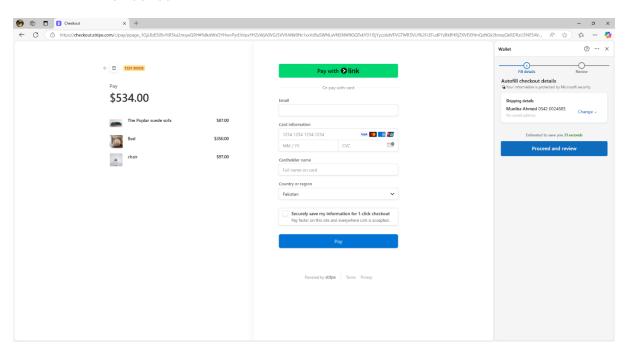
iv- Add to cart component and page:



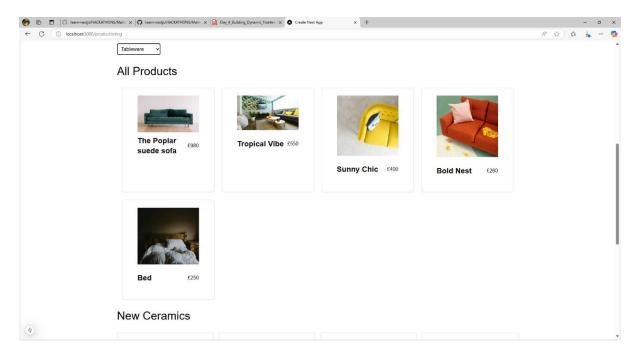
v- Pagination:



vi- Checkout:

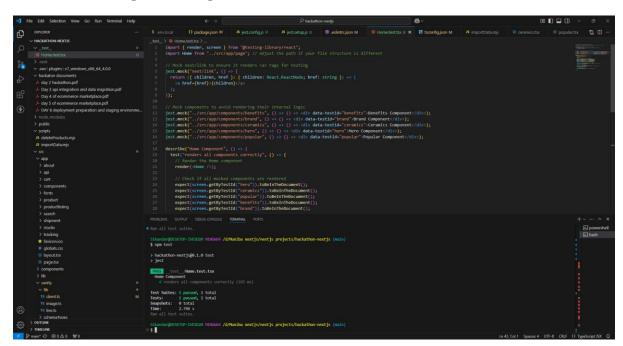


vii- Category filter component:



Use of React Testing Library(RTL):

I- For testing Home Page:

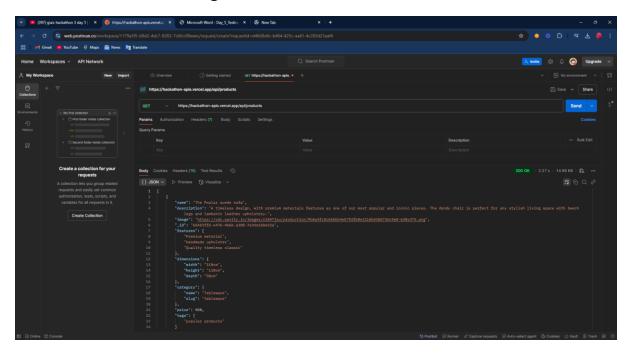


ii- For Product Listing Page:

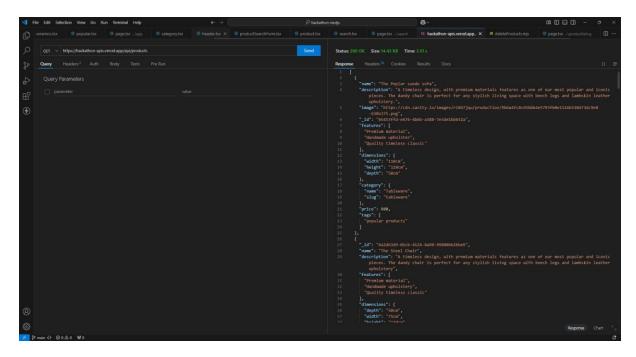
```
| Total Selection View On the Year Company | C
```

Api testing:

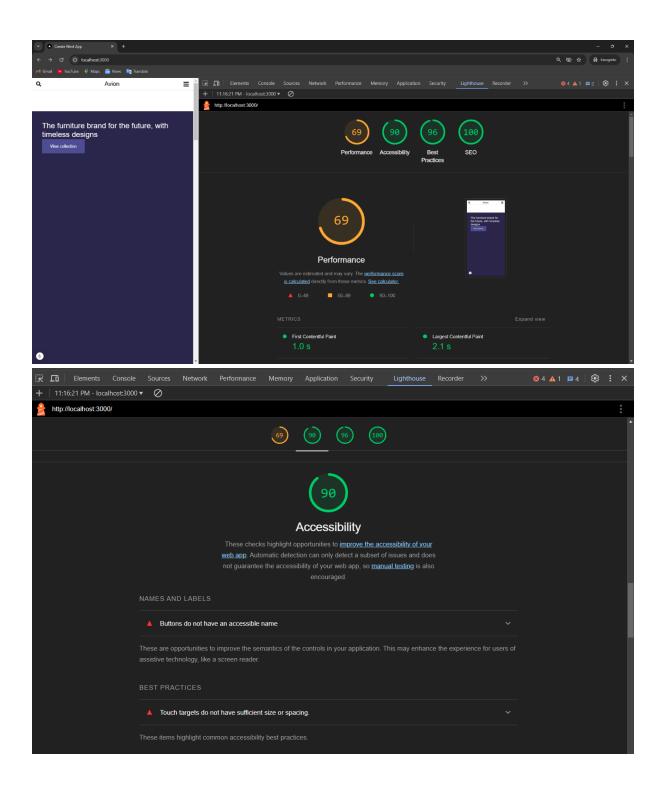
i- With Postman testing tool:

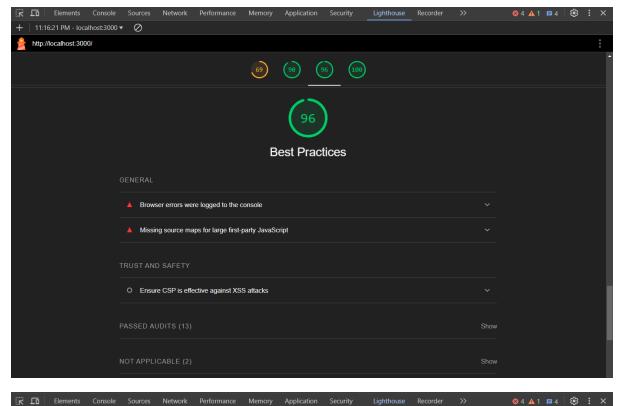


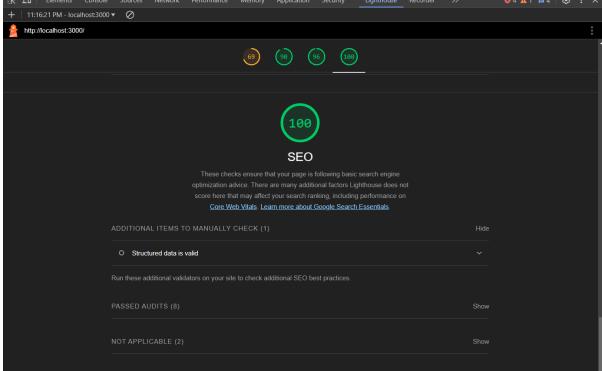
ii- With thunderclient extension:



2- Performance Testing with Lighthouse dev tool:



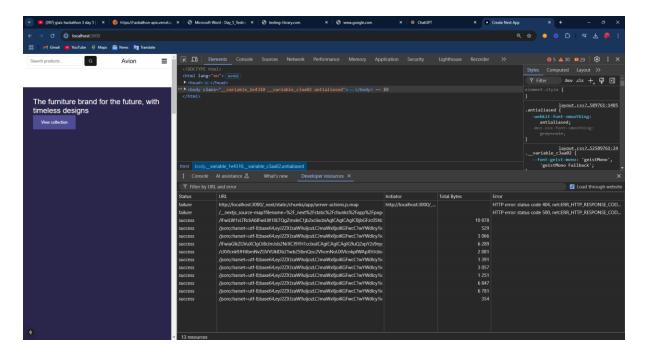




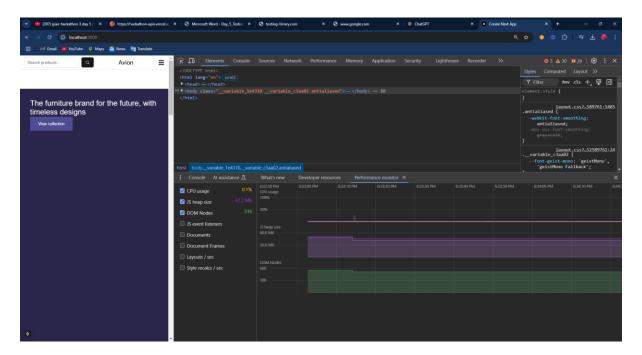
3- Cross-Browser and Device Testing:

 Test my marketplace on popular browsers like Microsoft Edge and Google chrome.

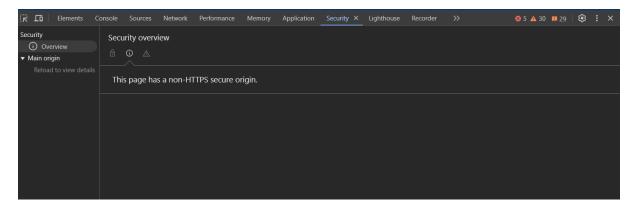
4- Developer Resources:



Performance Monitor:



Security:



Csv report:

Tes t Cas e ID	Test Case Descri ption	Test Steps	Expected Result	Actual Result	Status	Seve rity Leve I	Assi gne d To	Re m ar ks	
2	TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Pass ed	Low	-	No issues found
3	TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	Error message shown	Pass ed	Me diu m	-	Handl ed gracef ully
4	TC003	Check cart functionali ty	Add product to cart > Verify cart contents	Cart updates with added product	Cart updates as expected	Pass ed	Hig h	-	Works as expec ted
5	TC004	Ensure responsive ness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsive layout working as intended	Pass ed	Me diu m	-	Test succe ssful
6	TC005	Check pagination	Product detail>next/pr ev button	Navigate to next/prev page	Pagination works and navigate to next/prev page	pass ed	me diu m	-	Test succe ssful
7	TC006	Category filter	Product list>dropdown button "All products"	Category filter properly	Product displayed of selected category	pass ed	me diu m	-	Test succe ssful