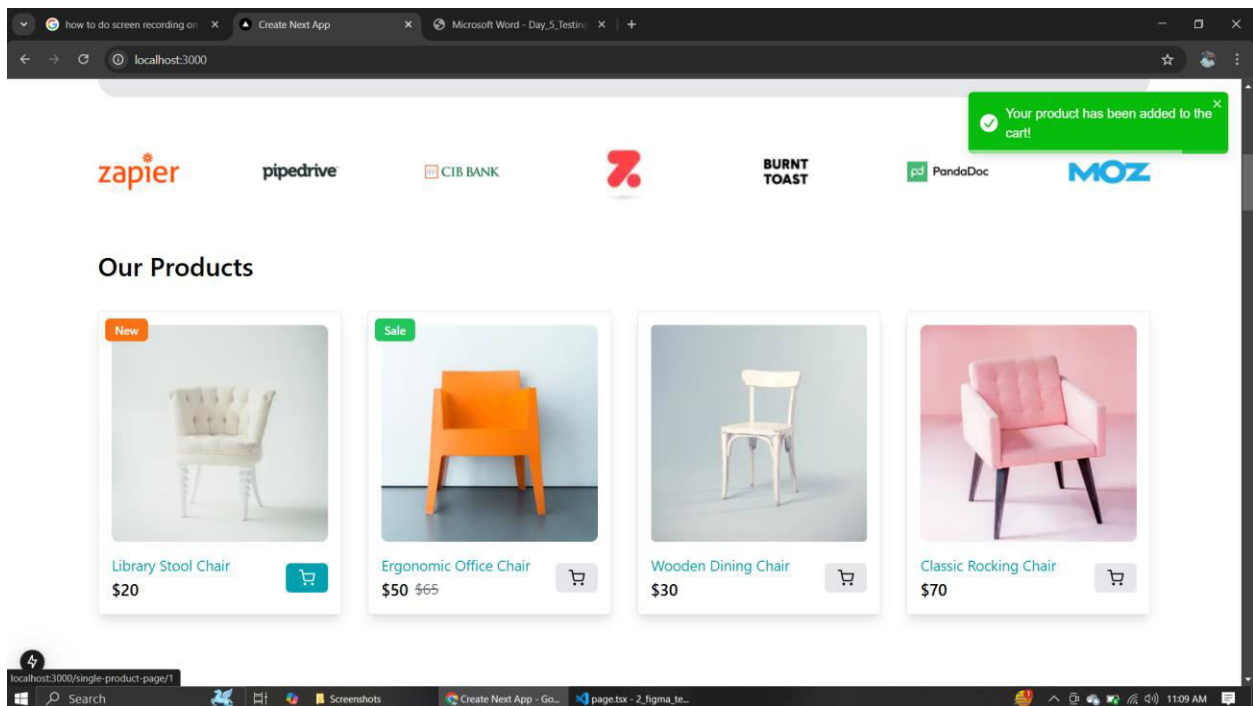


# HACKATHON-3 (DAY-5)

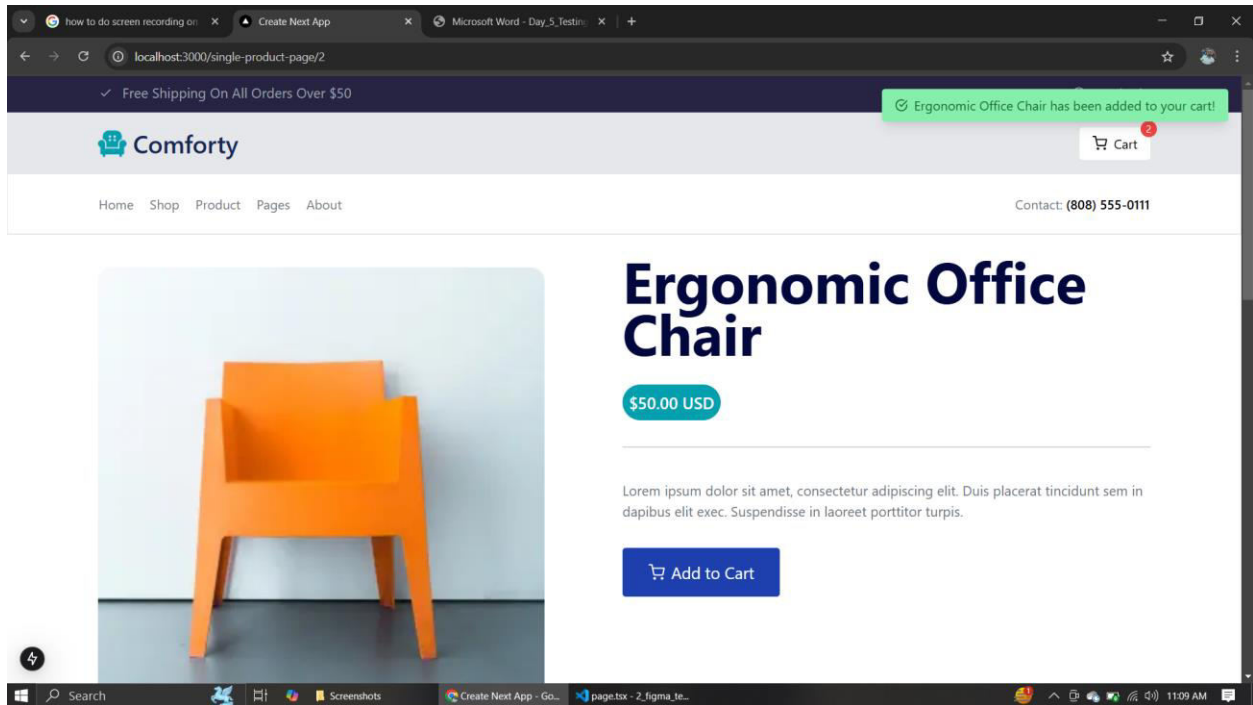
## TESTING, ERROR HANDLING, AND BACKEND INTEGRATION REFINEMENT

### 1.FUNCTIONAL TESTING

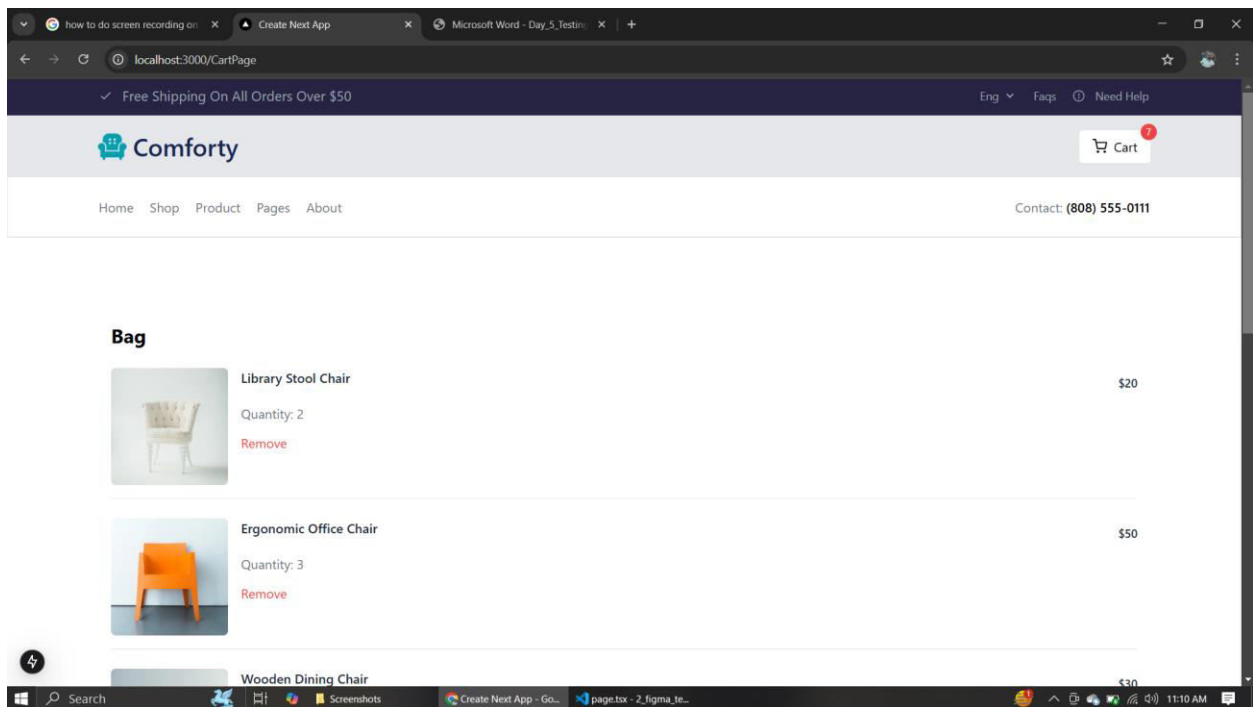
#### i) Add to Cart Functionality:

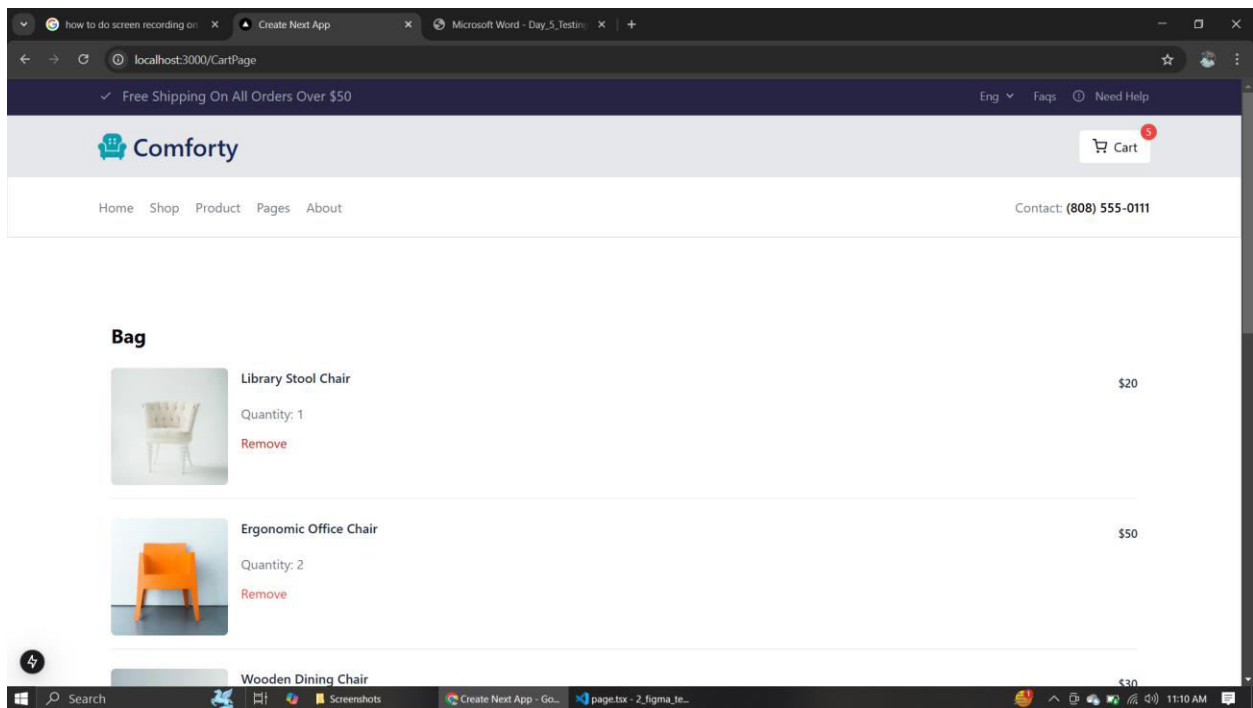
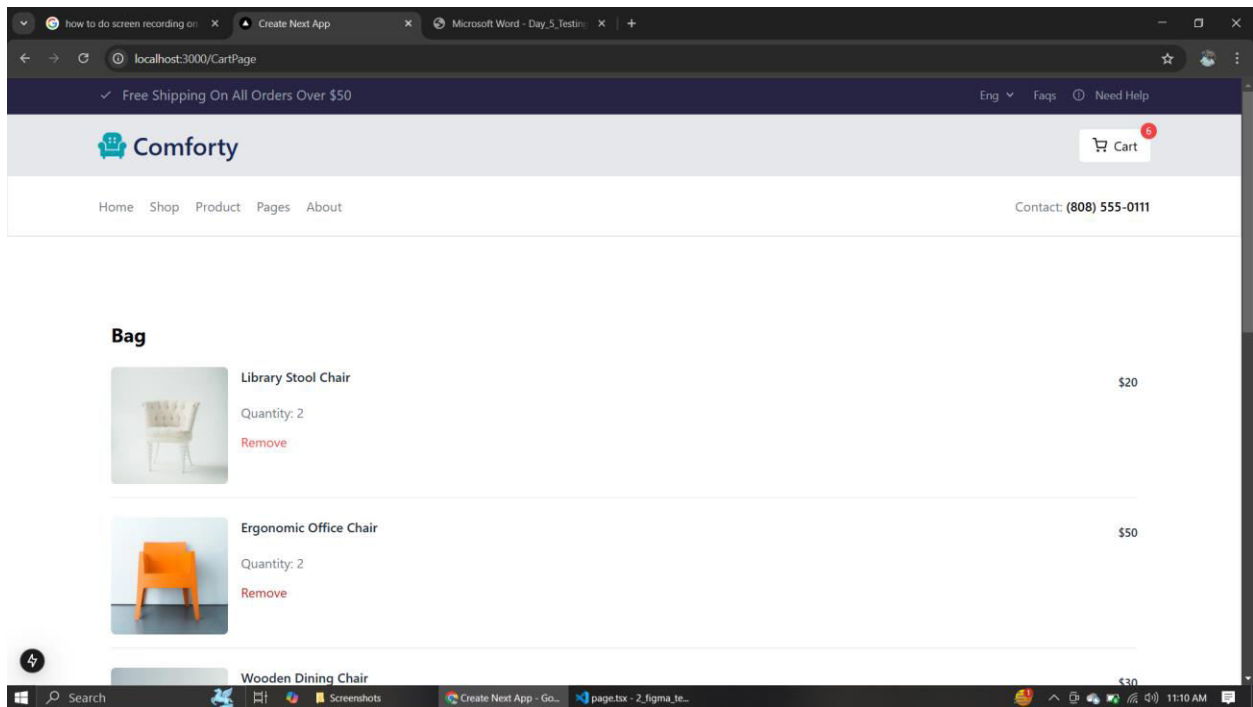


#### ii) Add to Cart Functionality in Individual Product Page:

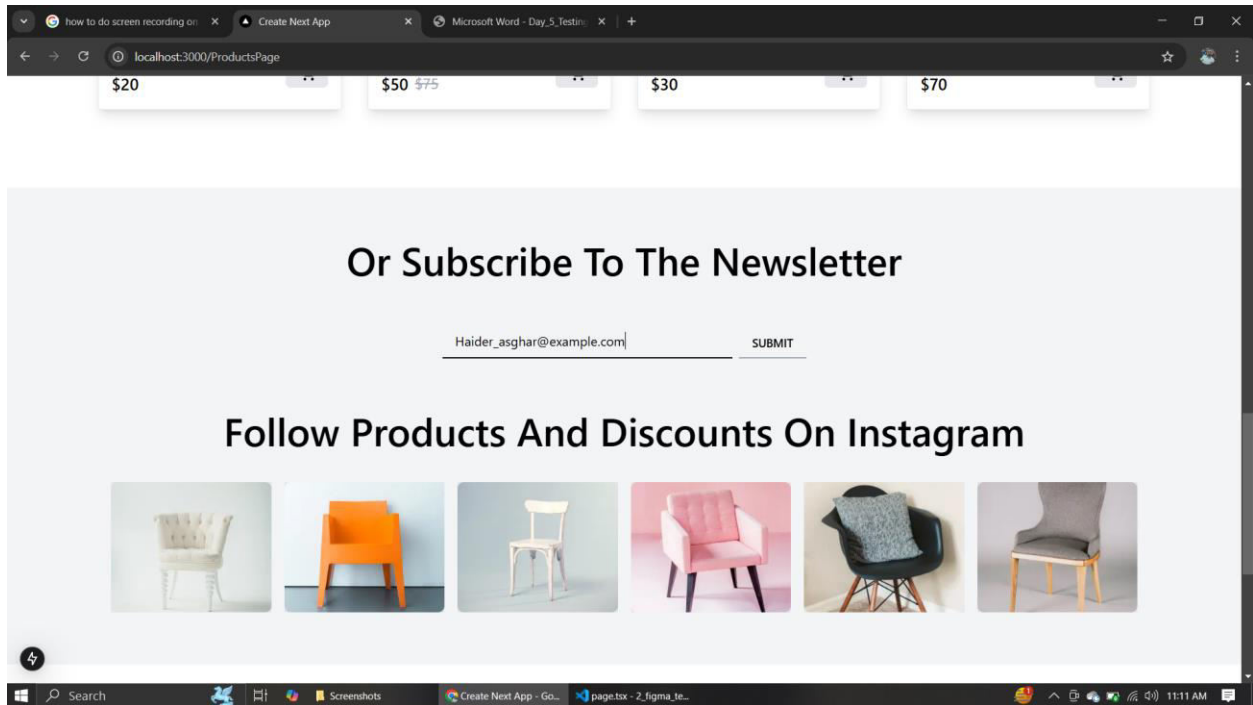


### iii) Remove Items from the Cart Functionality:

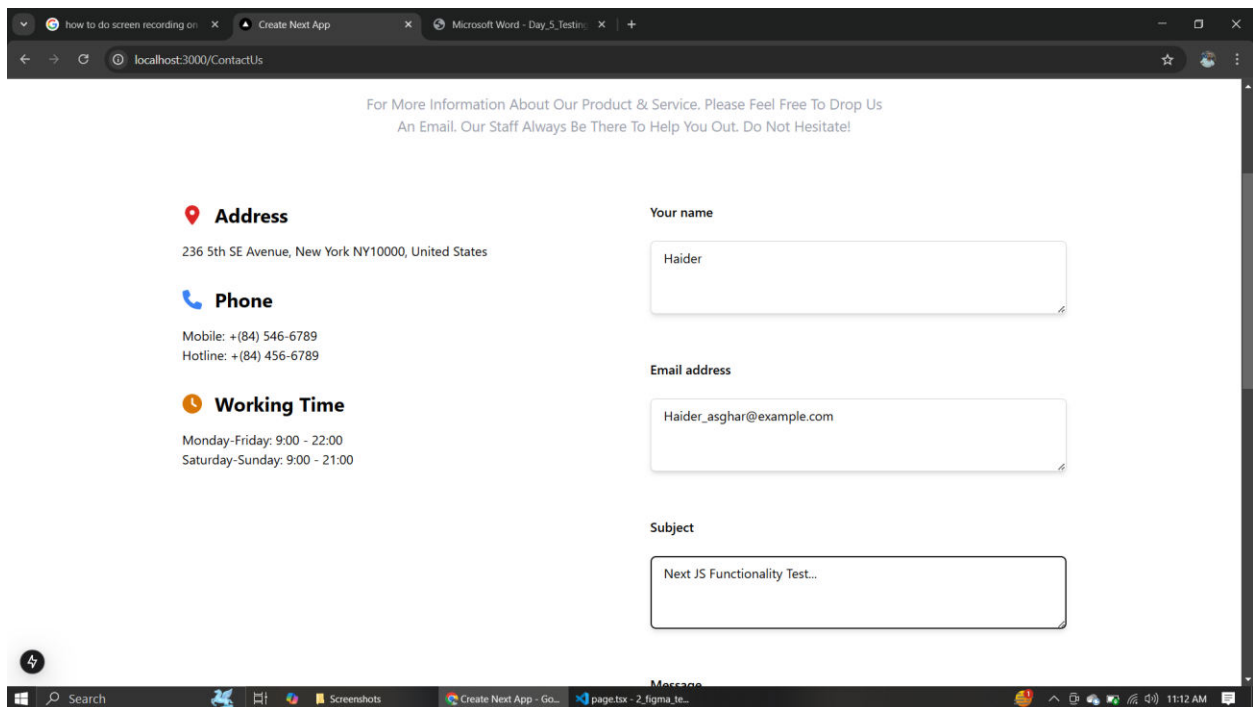




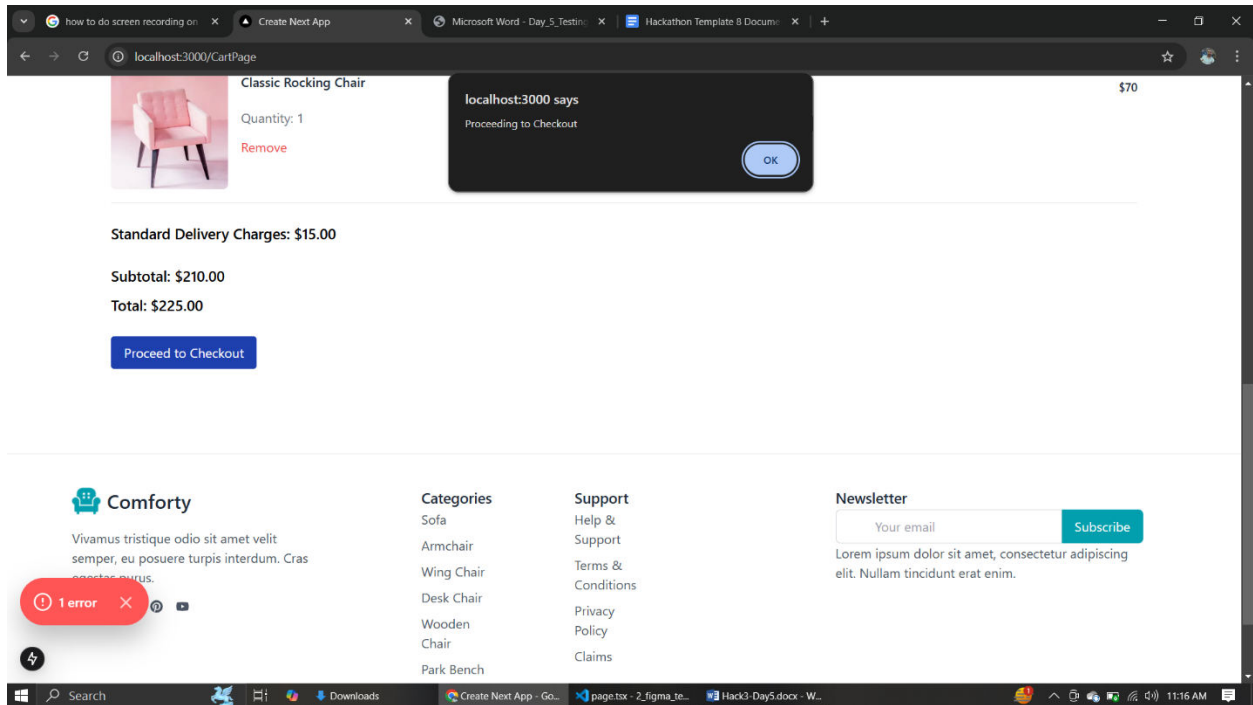
#### iv) Newsletter Subscription Functionality:



### v) Contact Us Page Functionality:



### vi) Checkout Functionality:



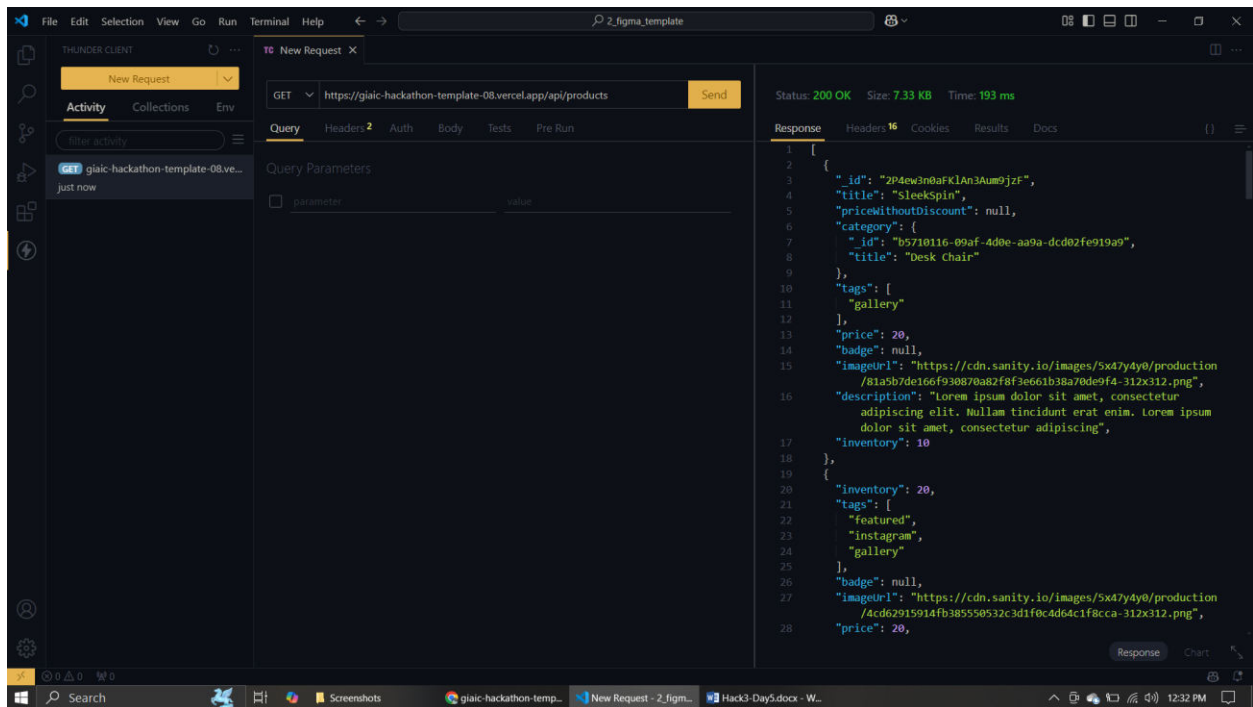
## 2.ERROR HANDLING

API is working fine, all the data from the api is fetching correctly and there is no fallback in it.

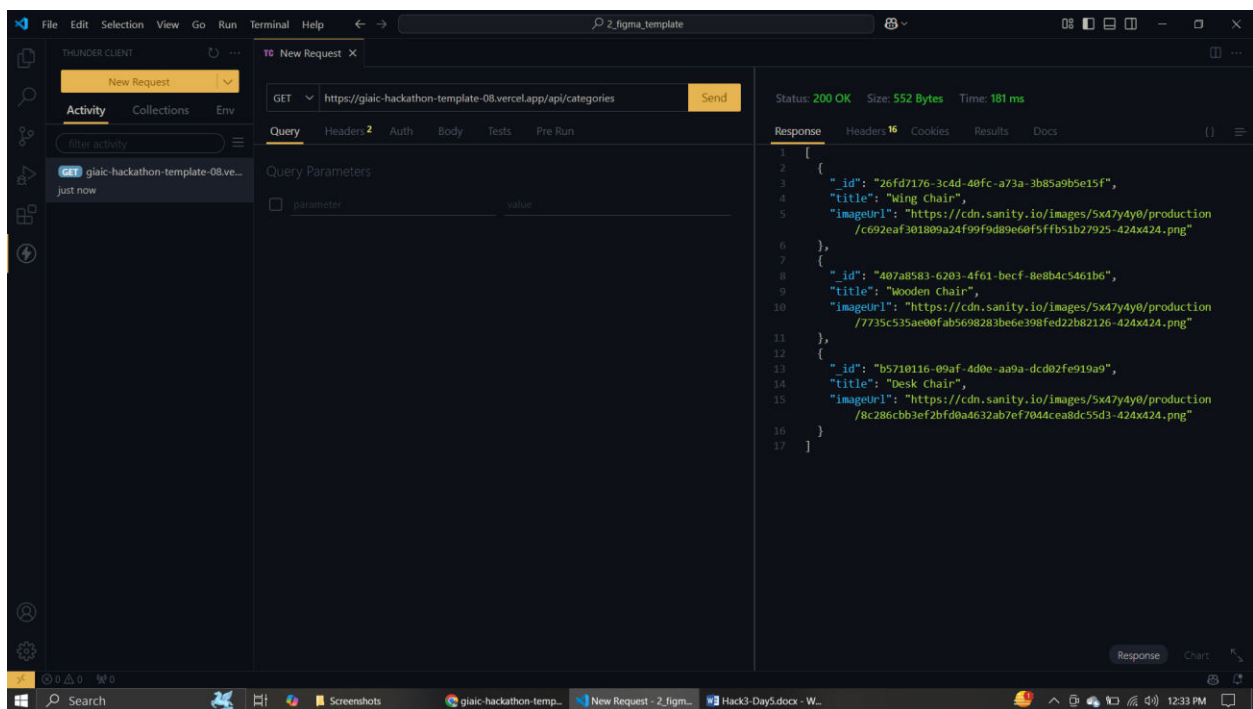
## 3.API Status

Thunder Client tool is used to check the status of API.

i)Products:



## ii)Categories:

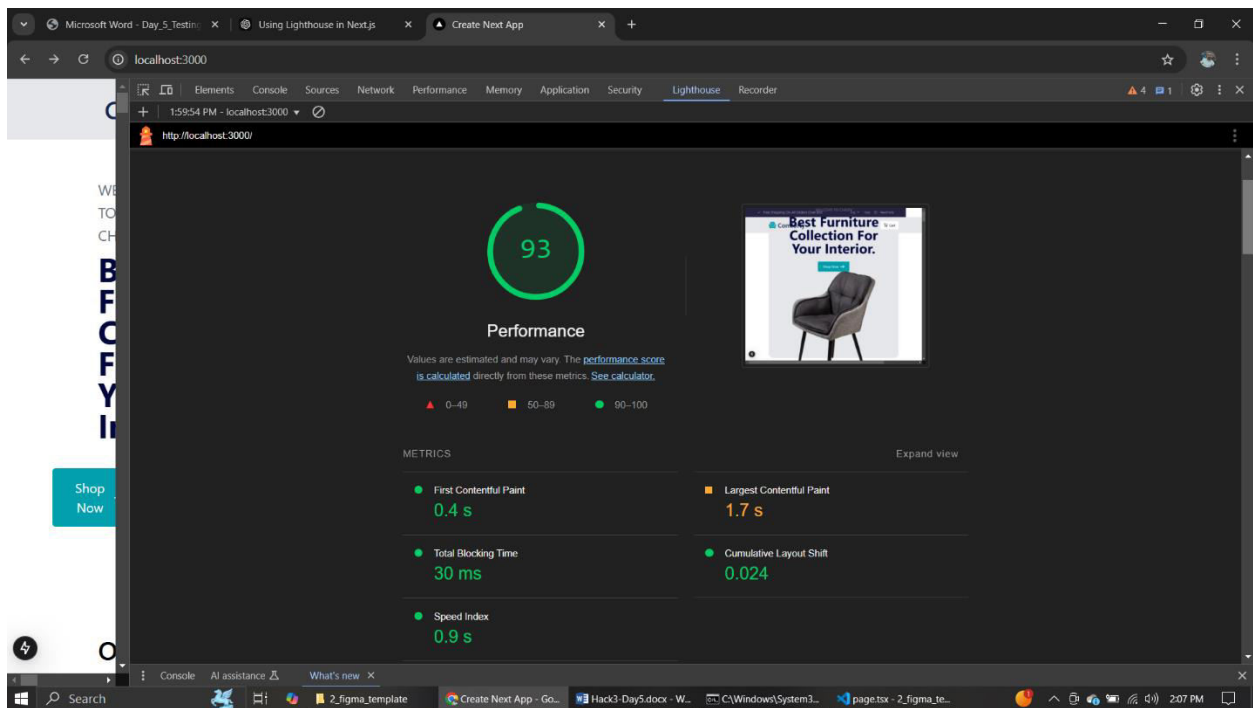
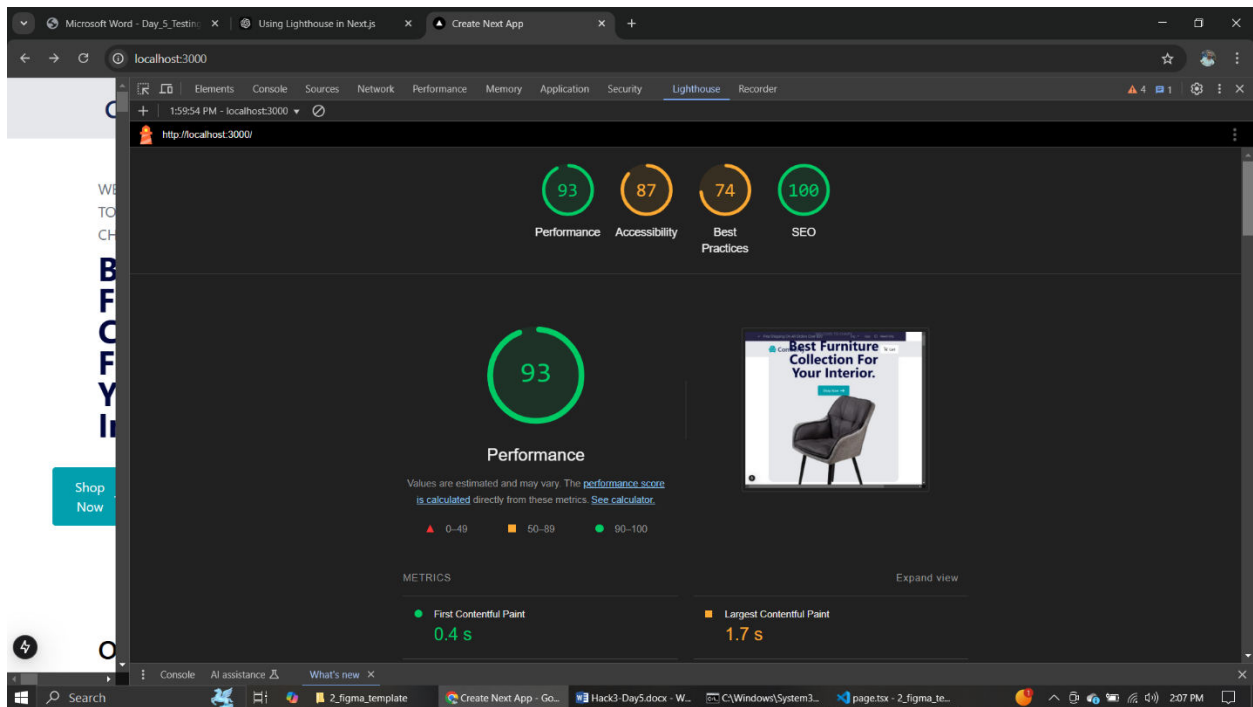


## 4. Testing Report

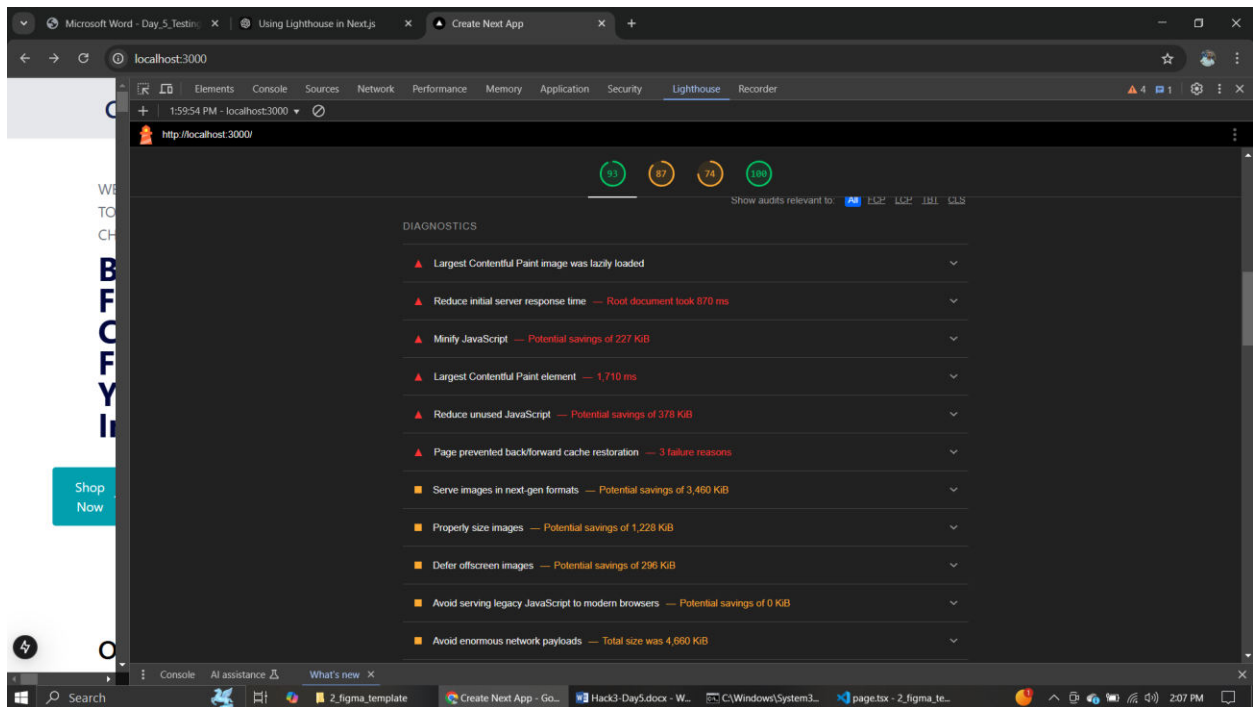
Test Case ID	Test Case Description	Test Steps	Expected Result	Actual Result	Status	Severity Level	Assigned To	Remarks
TC001	Validate product listing page	Open product page > Verify products	Products displayed correctly	Products displayed correctly	Passed	High	-	No issues found
TC002	Test API error handling	Disconnect API > Refresh page	Show fallback UI with error message	No Error found	Passed	High	-	Handled gracefully
TC003	Check cart functionality	Add product to cart > Verify cart contents	Cart updates with added/removal product	Cart updates as expected	Passed	High	-	Works as expected
TC004	Ensure responsiveness on mobile	Resize browser window > Check layout	Layout adjusts properly to screen size	Responsiveness issues with some components	Passed	Medium	-	Test successful

## 5.Performance Optimization

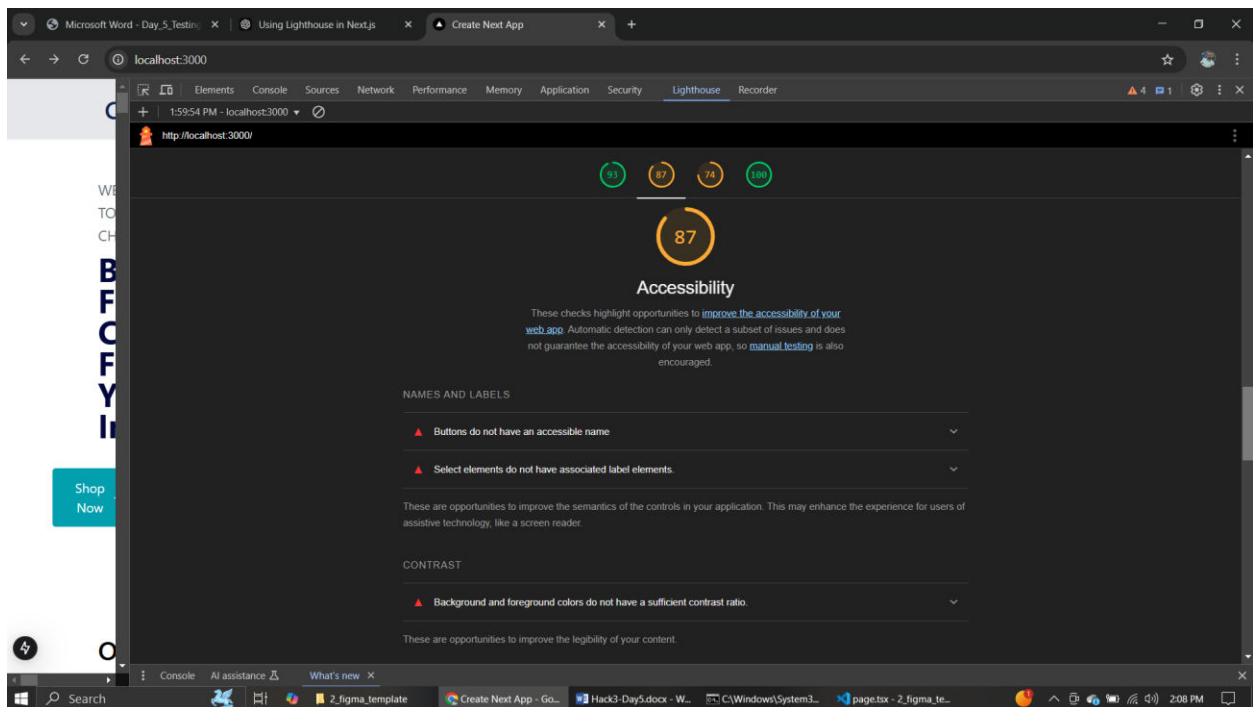
i)Performance:



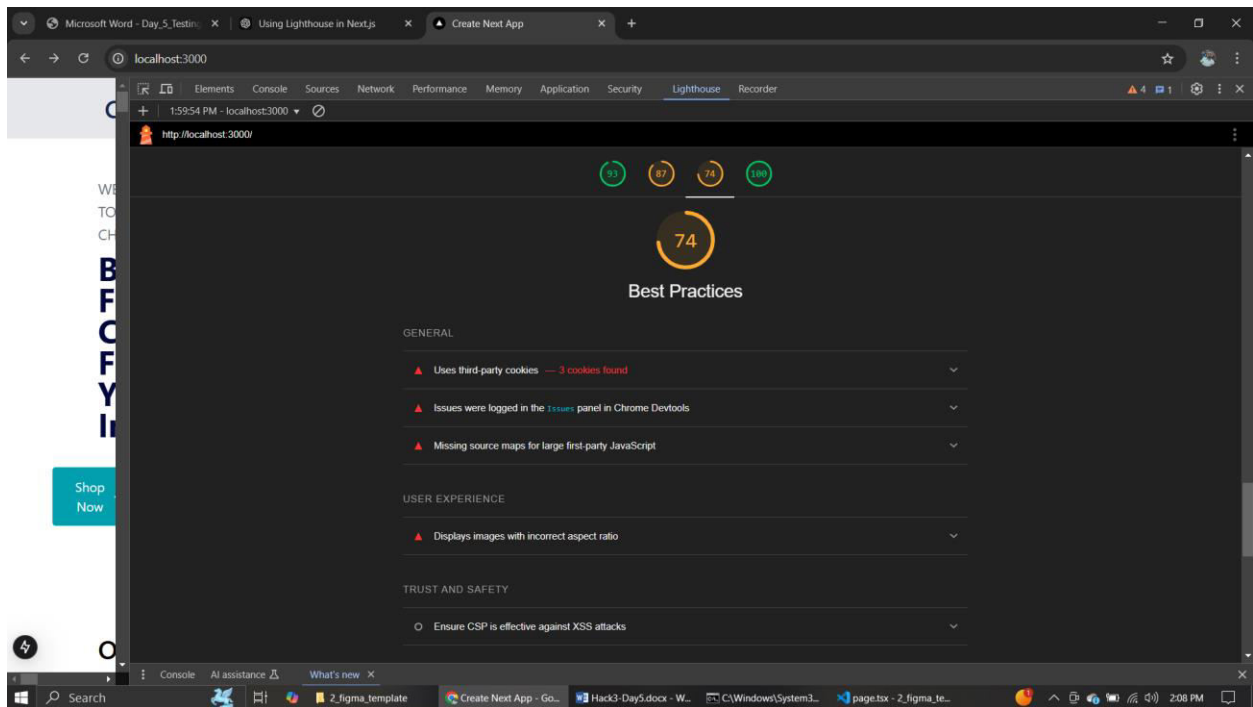




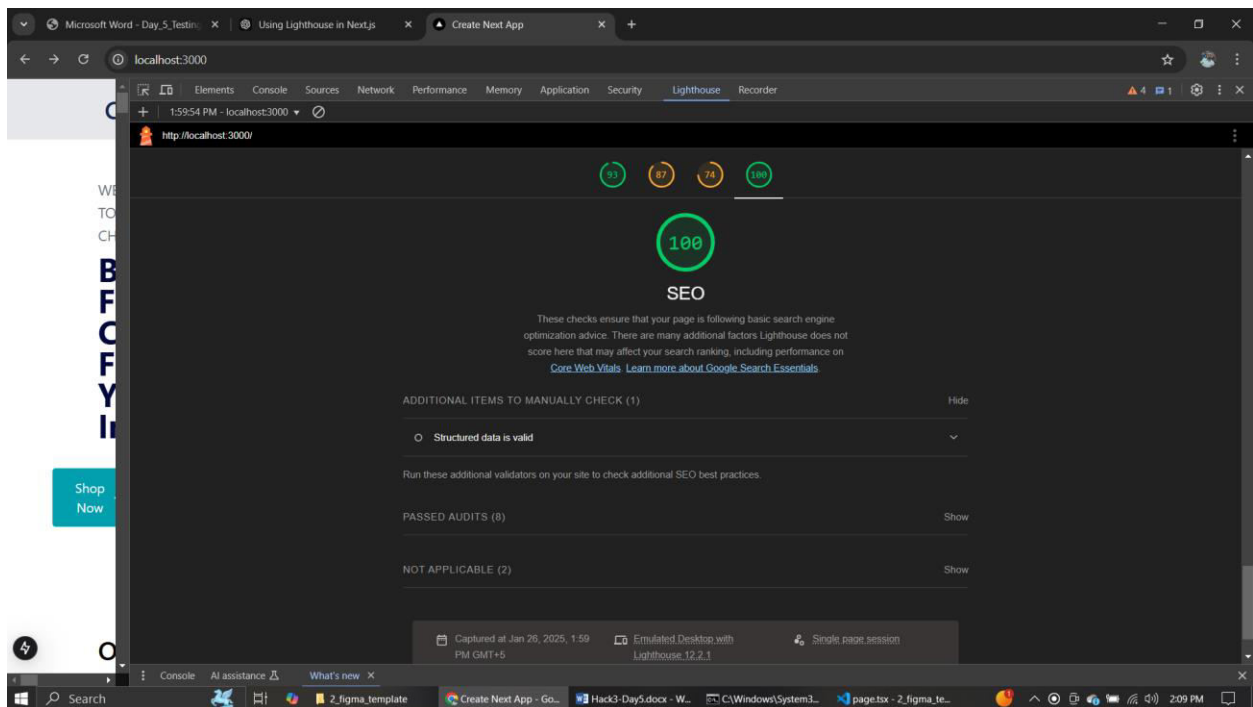
## ii)Accessibility:



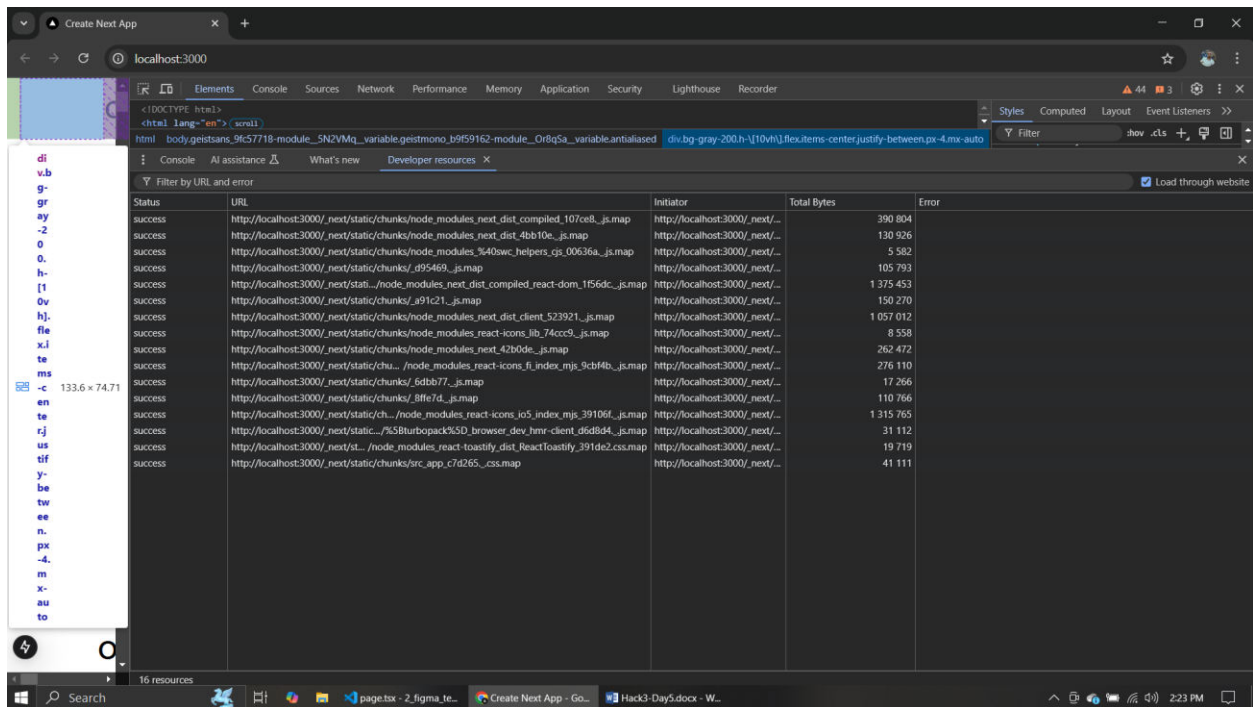
## iii)Best Practices:



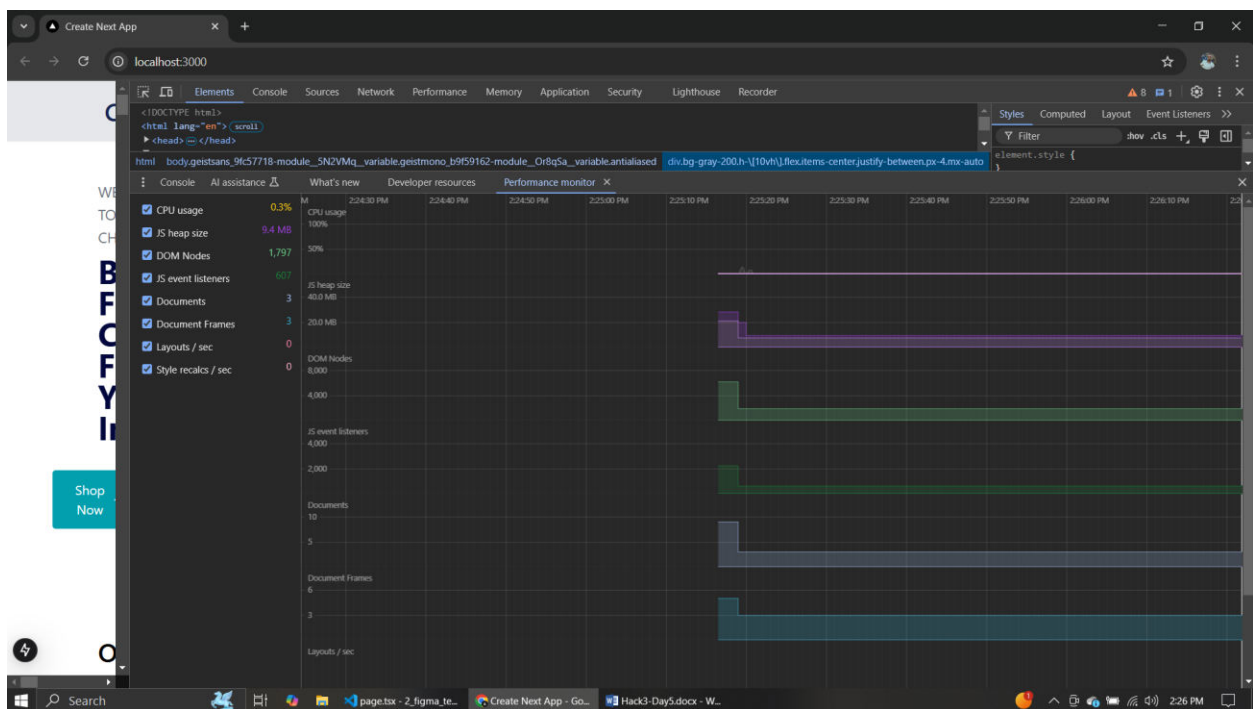
#### iv)SEO:



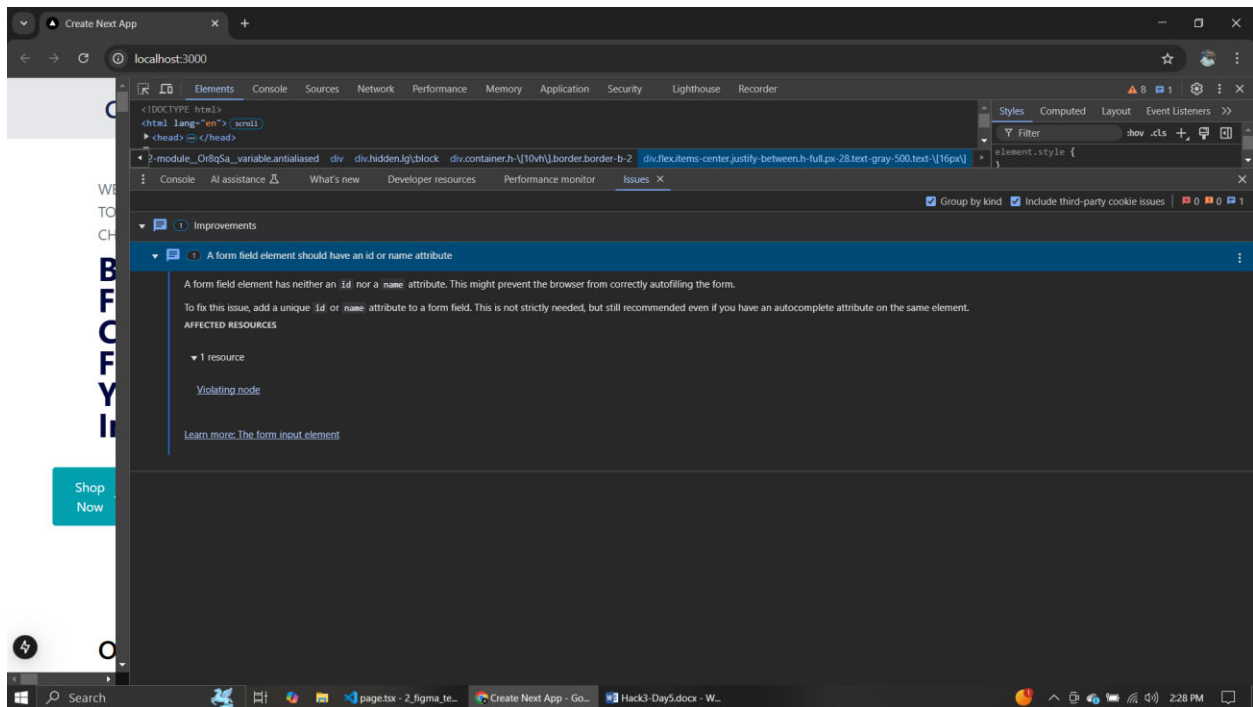
#### v)Developer Resources:



## vi) Performance Monitor:



## vii) Issues:



## viii)Security:

