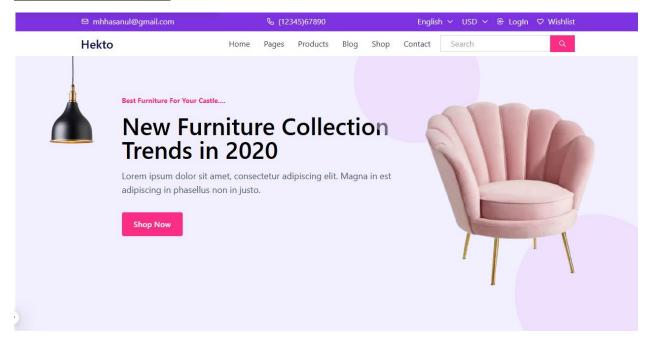
# DAY 5 - TESTING, ERROR HANDLING, FURNITURE WEBSITE, AND BACKEND INTEGRATION REFINEMENT:

#### **Key Areas of Focus:**

#### **Functional Testing:**



#### **Featured Products**











# Unique Features Of Latest & Trending Products

All frames constructed with hardwood solids and laminates

Reinforced with double wood dowels, glue, screw-nails corner blocks, and machine nails

Arms, backs, and seats are structurally reinforced

Add to Cart

B&B Italian Sofa \$32.00

## **Trending Products**









#### **Discount Item**

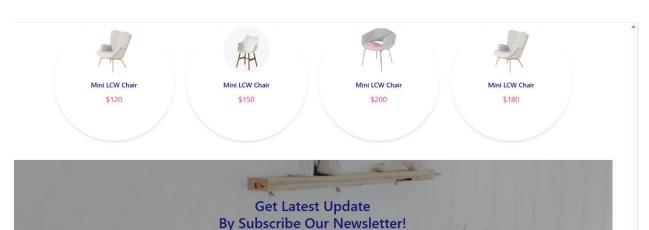
Wood Chair Plastic Chair Sofa Collection

## **20% Discount Of All Products**

Get amazing deals on selected products. Hurry, these discounts wont last long!









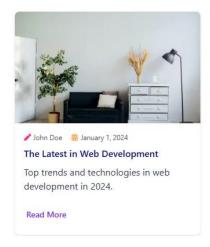


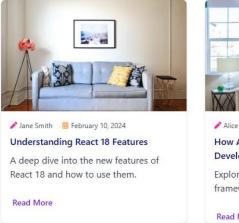




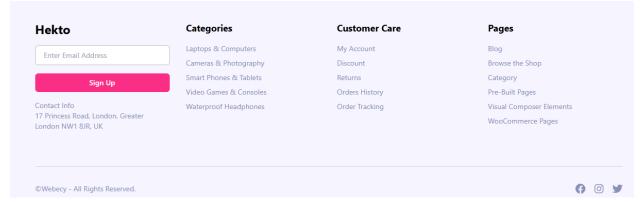


#### **Leatest Blog**









#### **Products**

#### Cards

## **Shopping Cart:**

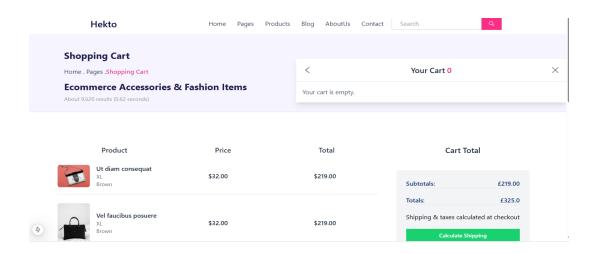
Add to cart

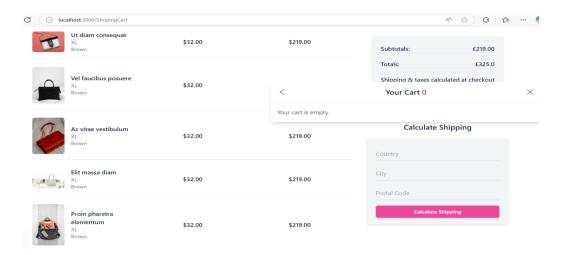
Total card Product Add & Dell

Listing the Product

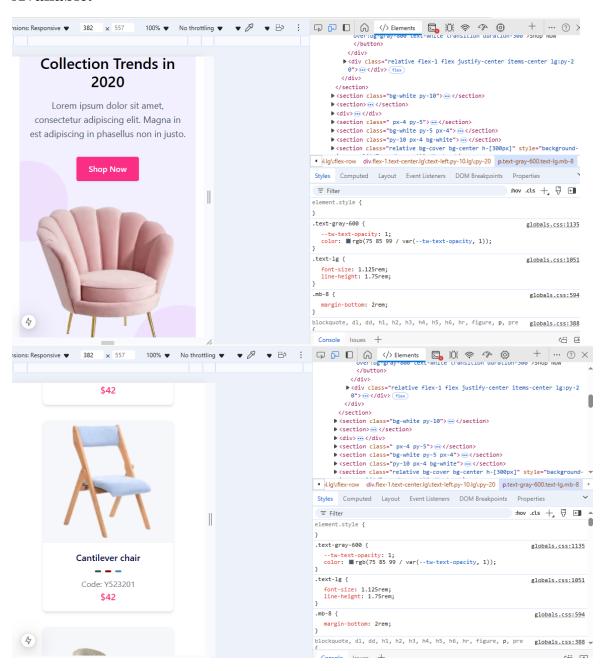
**Total Cart** 

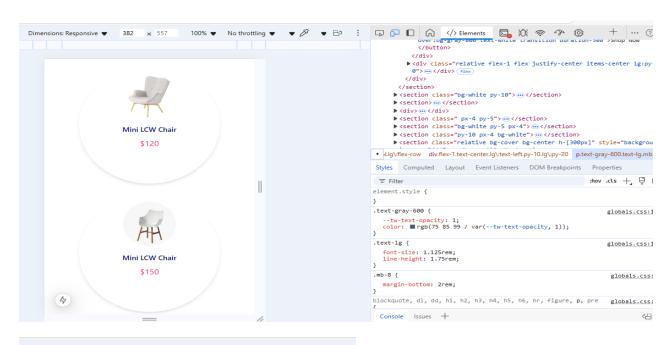
**Shipping Calculation** 

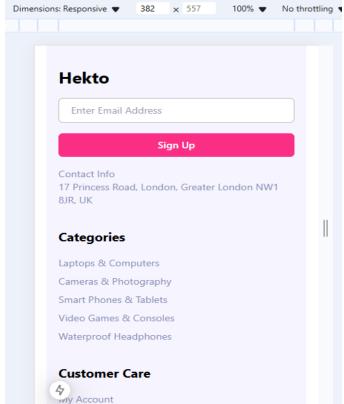


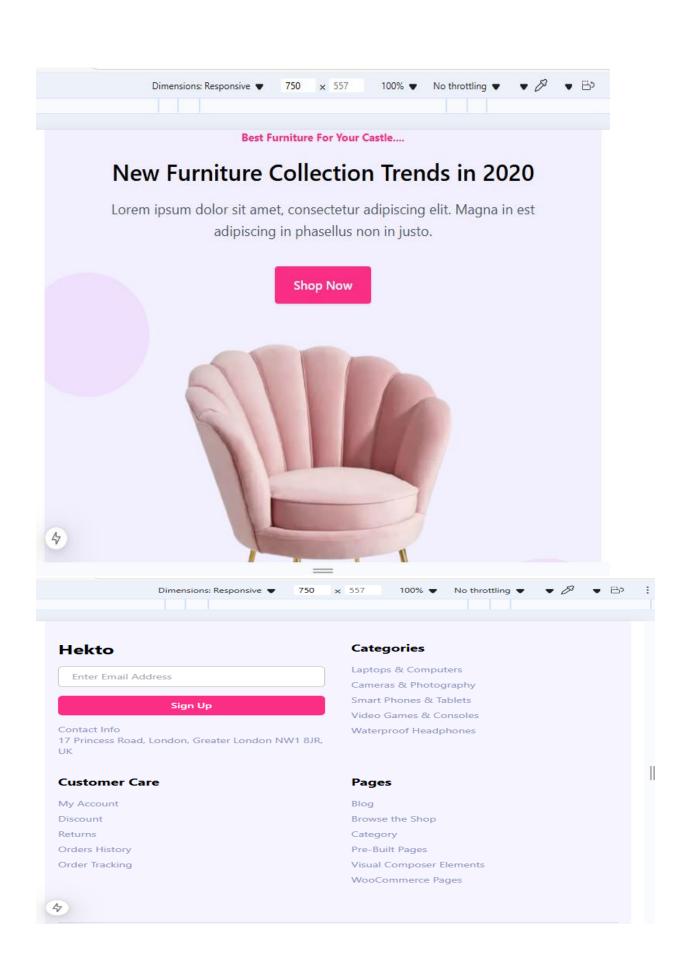


Step:2
Responsive website any Mobile ,Tablat ,Computer , Laptopscreen ,seen Available.







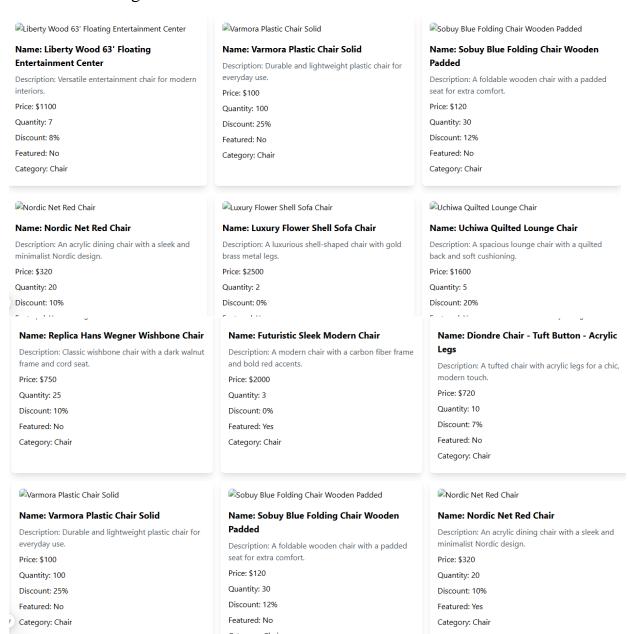


## Step:3 API work Handling;

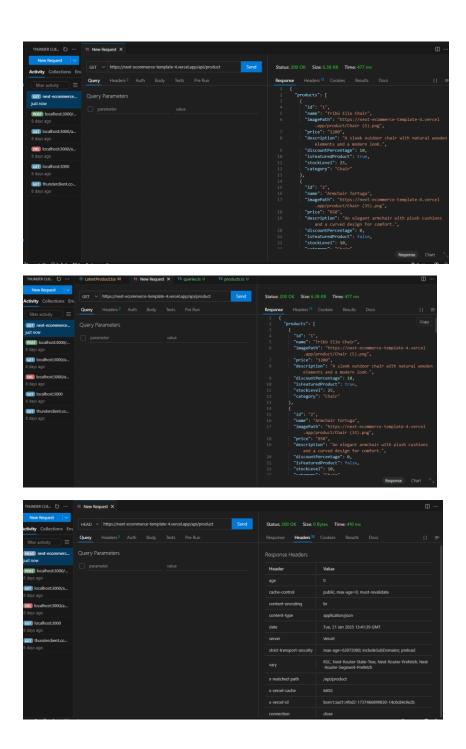
API work perfect but image in not show.

All Data get & show data web brower show.

#### API data fetching



# **Step:4 API check status:**



# **Testing Report:**

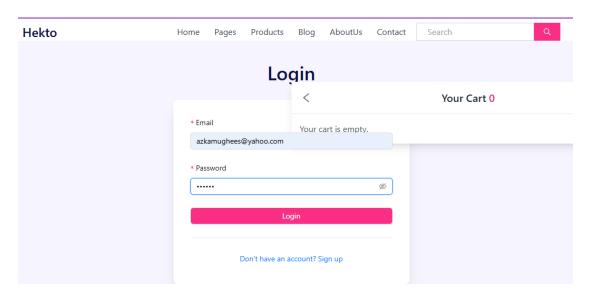
| Test<br>Case ID | TestCase<br>Description                   | Test<br>Steps                                    | Expected<br>Result                           | Actual<br>Result                               | Status | Severity<br>Level | Assigned To | Remarks                     |
|-----------------|---|--|--|--|--------|-------------------|-------------|-----------------------------|
| TC001           | Validate<br>product<br>listing page       | Open<br>product<br>page ><br>Verify<br>products  | Products<br>displayed<br>correctly           | Products<br>displayed<br>correctly             | Passed | High              | -           | No<br>issues<br>found       |
| TC002           | TestAPI<br>error<br>handling              | Disconne<br>ct API ><br>Refresh<br>page          | Show fallback<br>UI with error<br>message    | Error<br>message<br>shown                      | Passed | High              | -           | Handled<br>gracefull<br>y   |
| TC003           | Checkcart<br>functionalit<br>y            | Add product to cart > Verify cart contents       | Cart updates<br>with added<br>product        | Cart<br>updates as<br>expected                 | Passed | High              | -           | Works<br>as<br>expecte<br>d |
| TC004           | Ensure<br>responsive<br>ness on<br>mobile | Resize<br>browser<br>window ><br>Check<br>layout | Layout adjusts<br>properly to<br>screen size | Responsive<br>layout<br>working as<br>intended | Passed | High              | -           | Test<br>successf<br>ul      |

## Login page:

Click the the LogIn form & and open page

Input the Email ID, & Password

Click the login form



## **Product Listing Page:**

Show the Listing Page



## **Step:4 Perfomance Optimization:**

```
npm install -g lighthouse
```

That's the whole magic of it. Now you can use Lighthouse from the command line. In the following chapter you'll learn how to use Lighthouse from the command line and how to save time.

For uninstall Lighthouse use the command below:

```
npm uninstall -g lighthouse
```

Npm install –g lighthouse

Lighthouse <a href="http://localhost:3000---view">http://localhost:3000---view</a>

```
| Device | Product | Produ
```

lighthouse "URL": lighthouse https://locallhost:3000

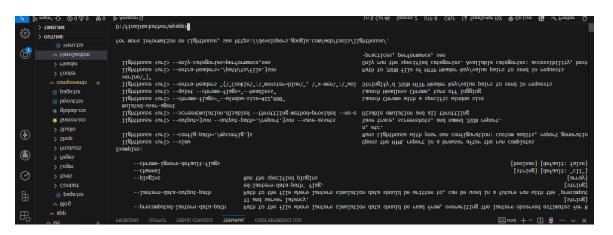
```
FINALHACKATHON
                         myapp \gt src \gt app \gt \mbox{\em \fontsym} page.tsx \gt \mbox{\em \fontsym} Home \gt [2] product
 myapp
  > .next
                           import Footer from "@/components/Footer/Footer";
import Header from "@/components/Header/Header";
  > node modules
  > public
                           5 import Hero from "@/components/HeroSection/Hero";
                          6 import Blog from "@/components/Product/Blog";
   JS importSanityData....
                          7 import DiscountItem from "@/components/Product/DiscountItem";
                         PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL CODE REFERENCE LOG

√ app

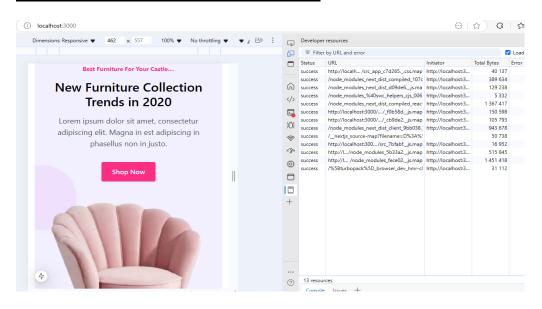
    > Blog
                            eslint-import-resolver-typescript@3.7.0
    > Contact
                          https://github.com/sponsors/antonk52
                              lilconfig@3.1.3
    > fonts
    > Login
    > Pages
                         D:\finalHackathon\myapp>lighthouse http://localhost:3000 --view
    > Products
                         ? We're constantly trying to improve Lighthouse and its reliability.
                           Learn more: https://github.com/GoogleChrome/lighthouse/blob/main/docs/error-reporting.md
    > Shop
                          May we anonymously report runtime exceptions to improve the tool over time?
    > Studio
                           We'll remember your choice, but you can also use the flag --[no-] enable-error-reporting (y/N) » false
    * favicon.ico
                           LH:CLI:warn No response to error logging preference, errors will not be reported. +0ms
    # globals.css
                           LH:ChromeLauncher Waiting for browser. +47ms
                           LH:ChromeLauncher Waiting for browser... +0ms
    layout.tsx
                           LH:ChromeLauncher Waiting for browser..... +517ms
    🏶 page.tsx
                           LH:ChromeLauncher Waiting for browser..... +535ms
                           LH:ChromeLauncher Waiting for browser.....√ +16ms
   components
                           LH:status Connecting to browser +2s
    > Footer
                           LH:status Navigating to about:blank +25ms
    > Header
    → HeroSection
                           LH:status Benchmarking machine +30ms
                           LH:status Preparing target for navigation mode +1s
                           LH:status Cleaning origin data +54ms
                           LH:status Cleaning browser cache +32ms
    ✓ Product
                           LH:status Preparing network conditions +47ms
> OUTLINE
                           LH:status Navigating to http://localhost:3000/ +147ms
```

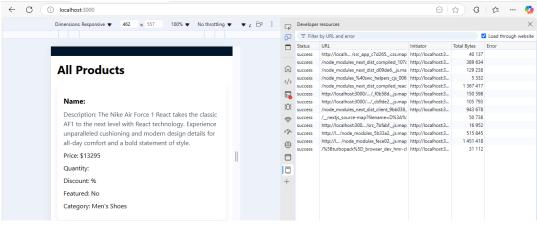
#### **Advanced: Customizing Google Lighthouse Report**

#### lighthouse -help



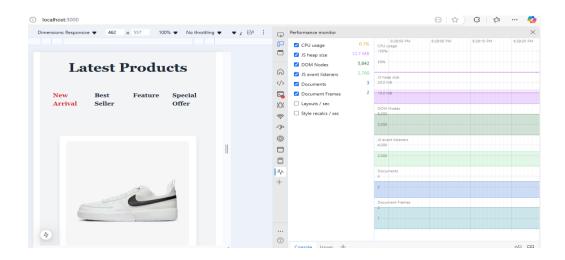
## **Developer Resources Testing:**







## **Performance Moniter:**



## **Security Issues:**

