

HACKATHON 3

DAY 5

TESTING, ERROR HANDLING, AND BACKEND INTEGRATION REFINEMENT

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Roll No:	00481232
Slot:	Friday(morning)

Task Cases Executed and Their Results:

1. **Dynamic Routes** : Tested the Dynamic Routes Functionality Implemented on several page for product worked as expected.
2. **Cart Functionality** : Cart Components testing for better UI/UX experience before launching
3. **API Errors** : API Error Displayed with the help of try-catch for better UI experience
4. **Cross-Browser Testing** : Testing Website Responsiveness as well as working on other browsers
5. **Light House Report** : Report Generated by light house for improvements
6. **API Testing** : API tested for checking response timing and error handling.
7. **Developer Resource Testing** : Testing Website Developer Resources.
8. **Performance Monitoring** : Report Generate by performance monitor in inspect option.
9. **Security Testing** :

Dynamic Routes:

Dynamic Routes is a core functionality of my websites implemented on several areas (Product Details, Cart , Home Page).

Testing Routes : Tested the functionality through homepage and product listing page works as expected.

Products



The Dandy Chair

₹250

[View Details](#)



Rustic Vase Set

₹155

[View Details](#)



The Silk Vase

₹125

[View Details](#)



The Lucky Lamp

₹399

[View Details](#)



The Dandy Chair

A stylish and comfortable chair perfect for your living room.

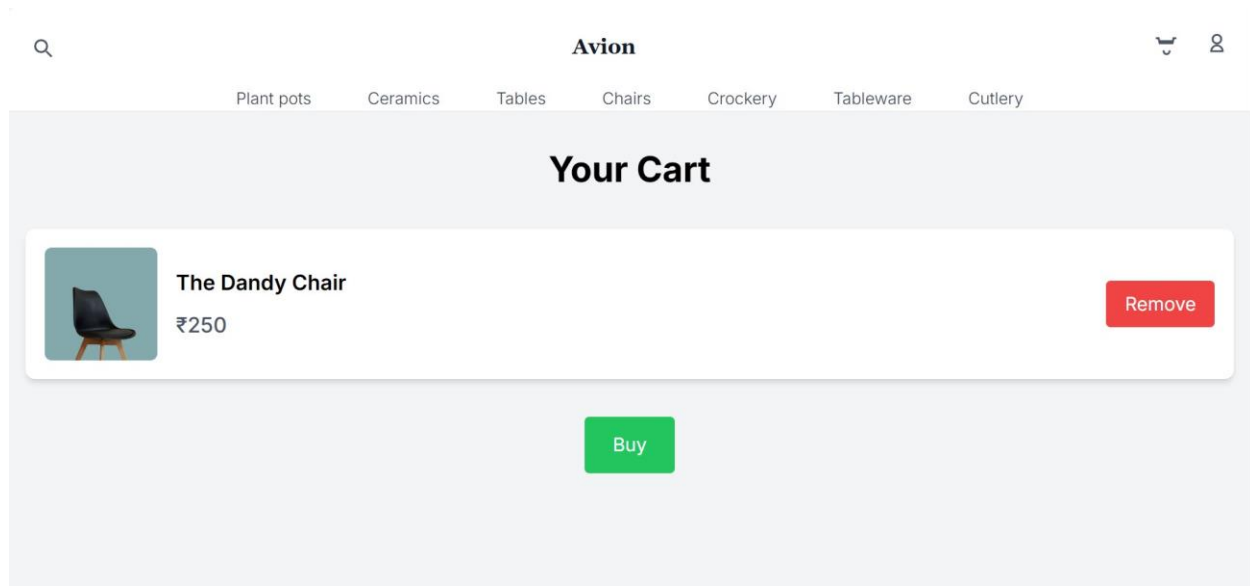
Price: ₹250

[Add to Cart](#)

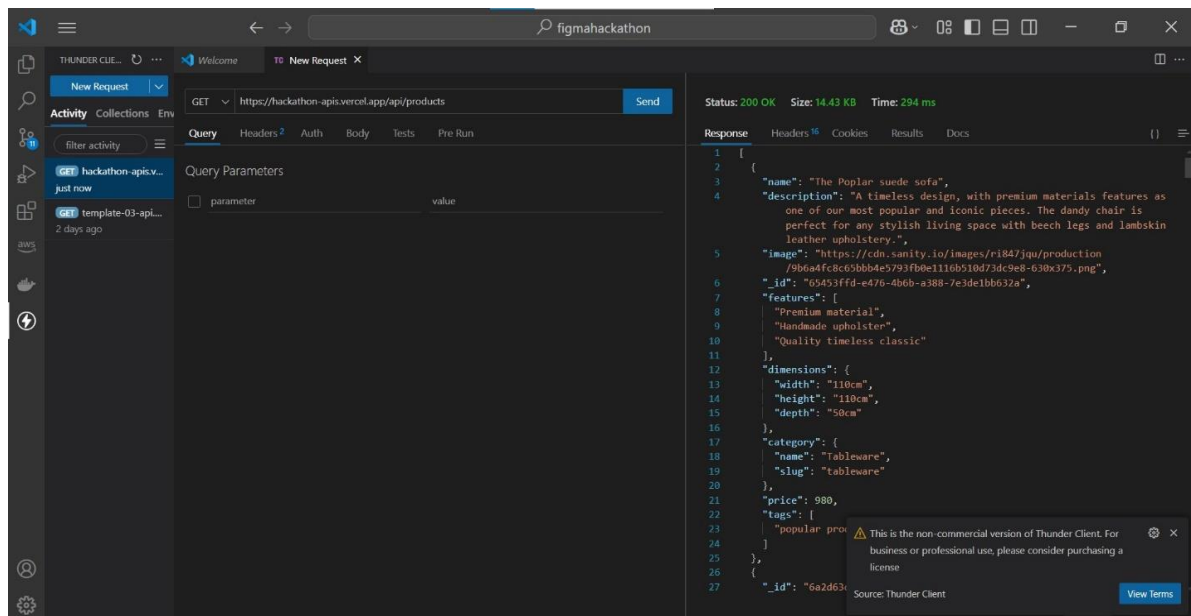
Cart Functionality:

Cart Component : It works as expected.

Item added to cart as well as I can also buy them and Remove them

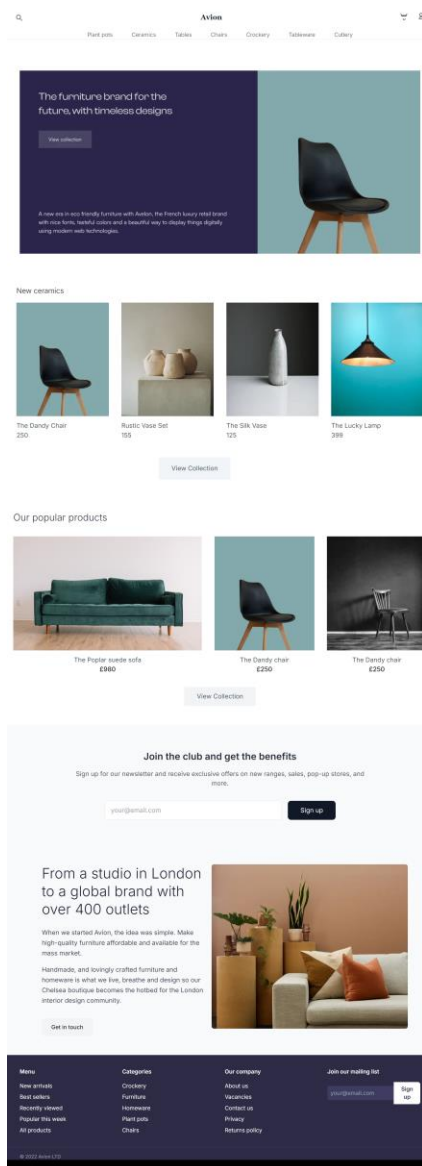


Thunder Extension : Tested the API and it worked as expected as well as the (Response, Size, Status) were perfect.



Cross-Browser Testing:

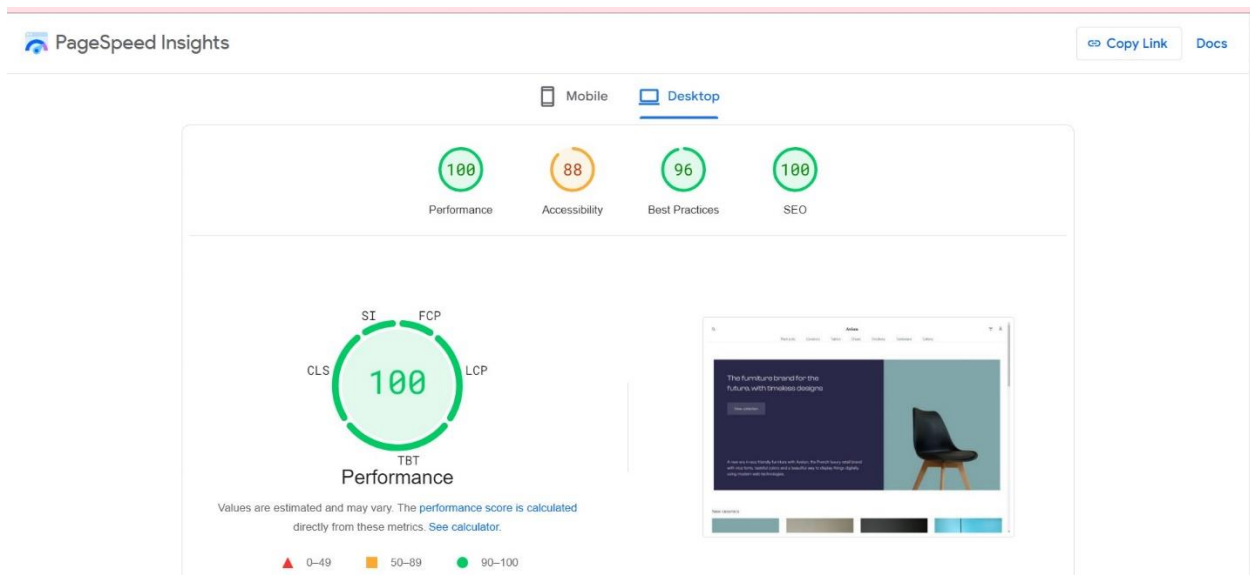
Other Browser Used : Tested the website on other browser for checking the responsiveness as well as functionality. It is working properly.



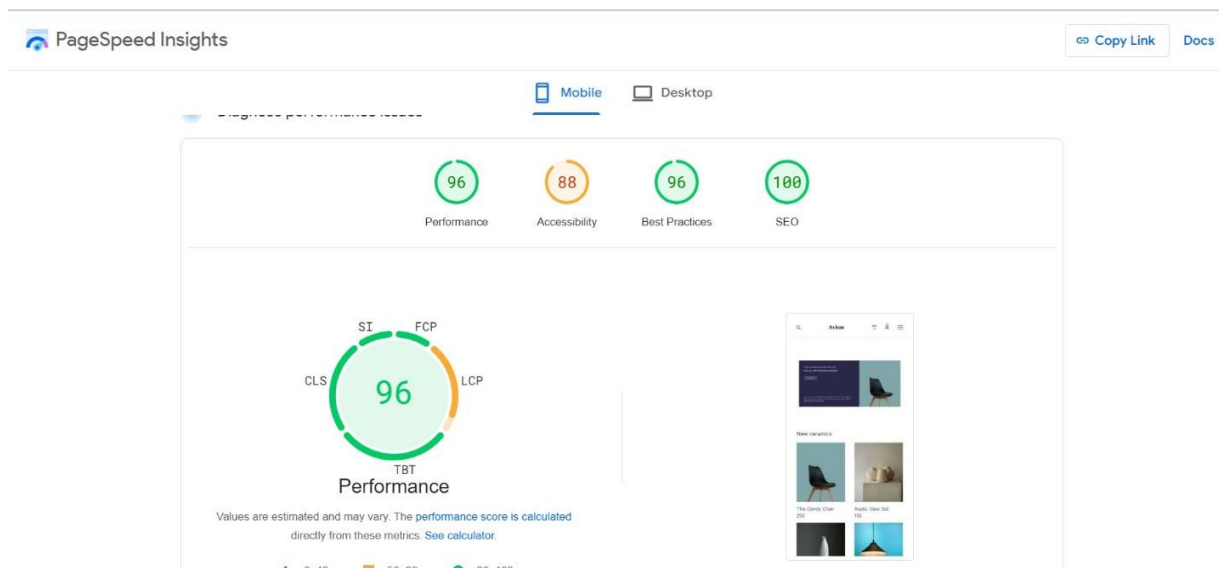
Lighthouse Report:

Lighthouse Report : Tested the developed website on lighthouse for performance related issues and the result on desktop was great but on the mobile the result was not good as expected.

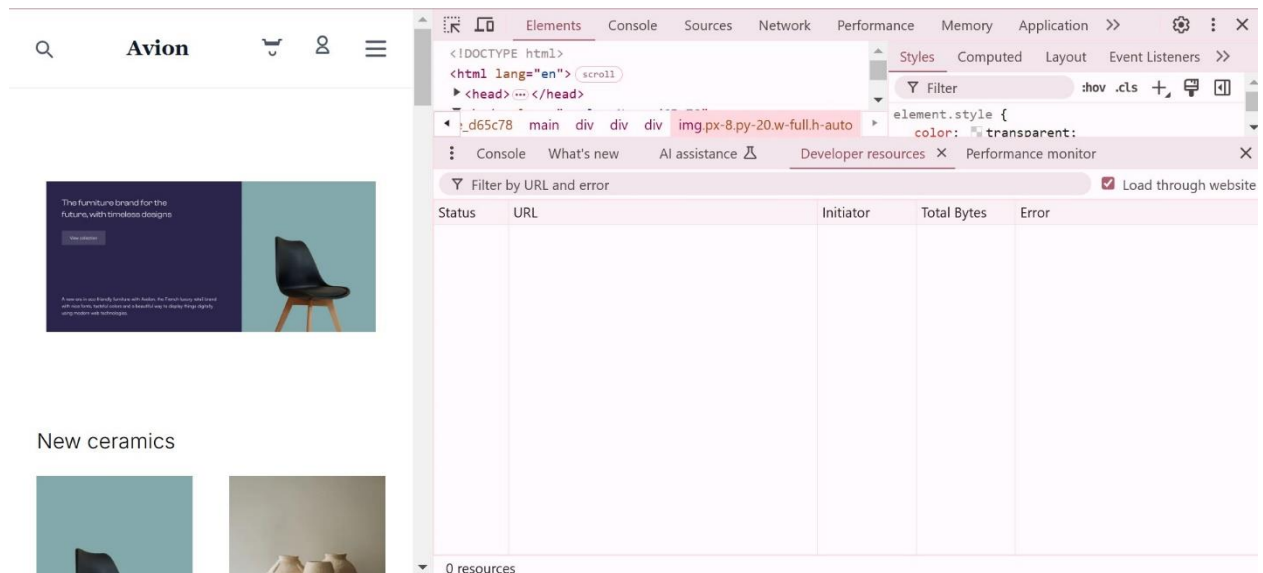
On Desktop:



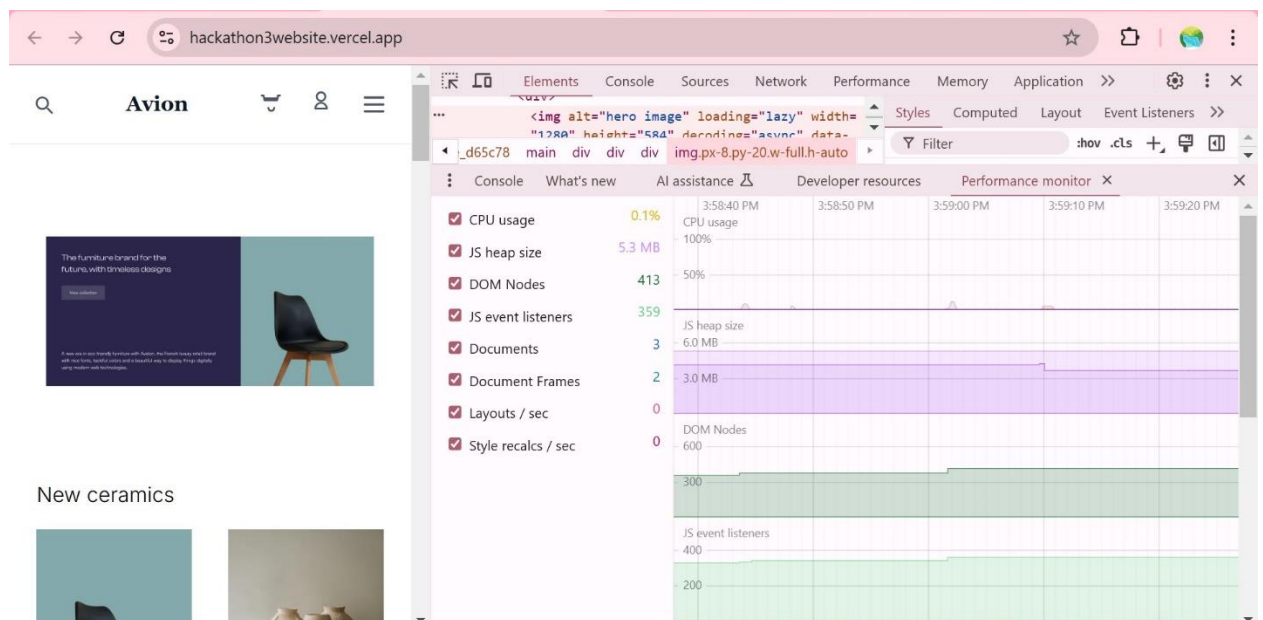
On Mobile:



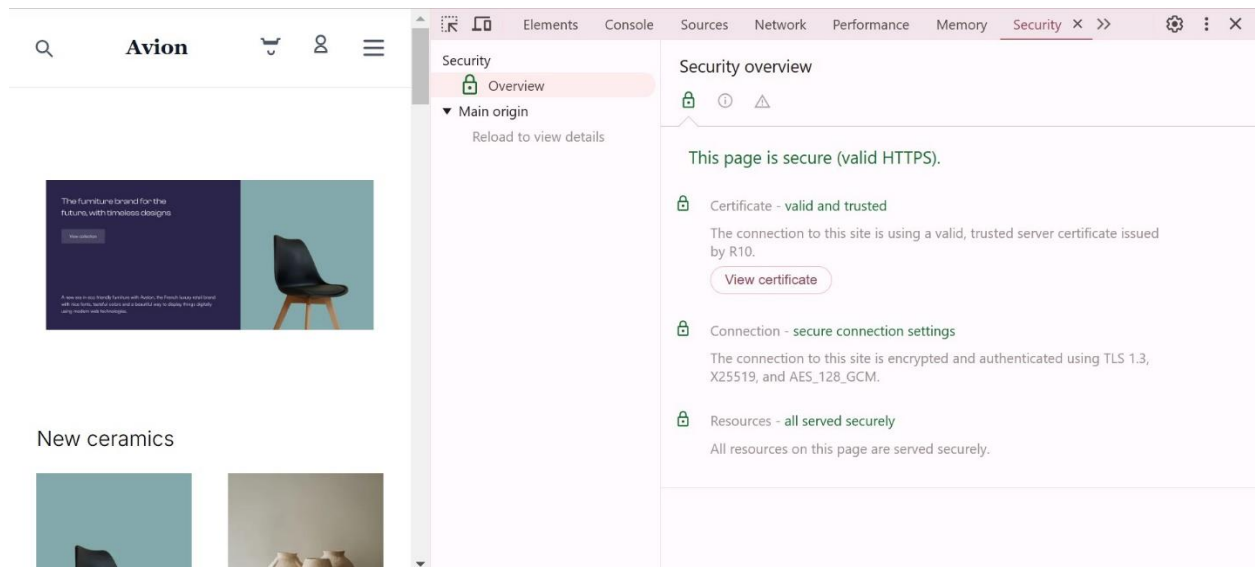
Developer Resources:



Performance Monitor:



Security:



Checklist for Day 5:

Functional Testing:



Error Handling:



Performance Optimization:



Cross-Browser and Device Testing:



Security Testing:



Documentation:



Final Review:

