Day 5 - Testing and Backend Refinement - BANDAGE

Today, I have completed the final rounds of testing, error handling, and Back-end integration refinements for the BANDAGE Marketplace. This platform specializes in offering a wide variety of fashion clothing.
The objective was to ensure that all website components functioned smoothly, were optimized for speed, and were ready for real-world deployment.

Overview of Tasks Completed:

Functional Testing:

The functional testing phase evaluated the core functionalities of the system to ensure proper operation and reliability. Critical features such as product listing, dynamic routing, cart functionality, and filters performed successfully, meeting the expected outcomes without significant issues. Mobile responsiveness was also validated, with the layout adjusting seamlessly to different screen sizes, demonstrating compatibility across devices. API error handling was handled gracefully, ensuring the application responded appropriately to unexpected issues. These successful tests highlight the robustness of the system's primary functions.

However, a few areas require attention. The search functionality exhibited issues during the initial test, though it improved upon revisiting. Key features like checkout form validation and authentication were not implemented, leading to failed tests. These functionalities, though marked as low severity, are essential for enhancing user experience and securing the application. Addressing these issues will help achieve a more comprehensive and reliable system. Overall, the functional testing results underscore the need for minor fixes and the completion of missing features to deliver a polished and fully functional product.
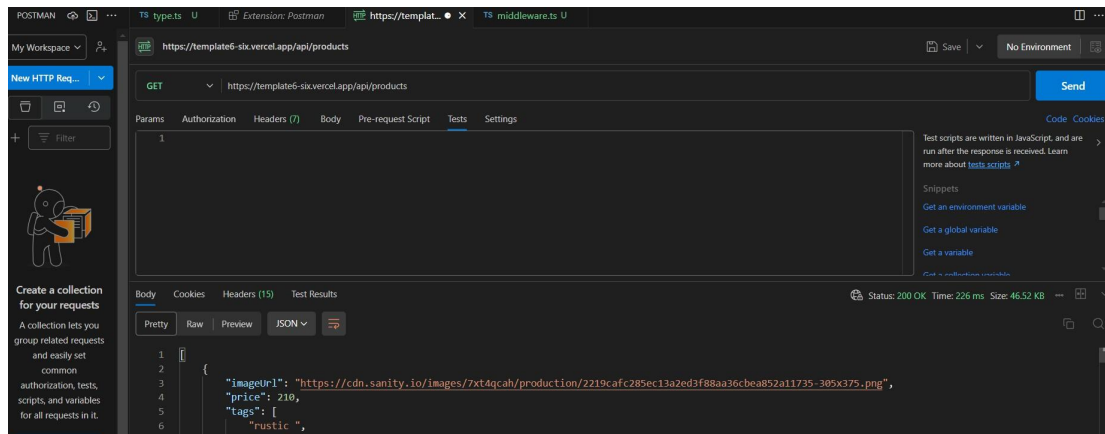
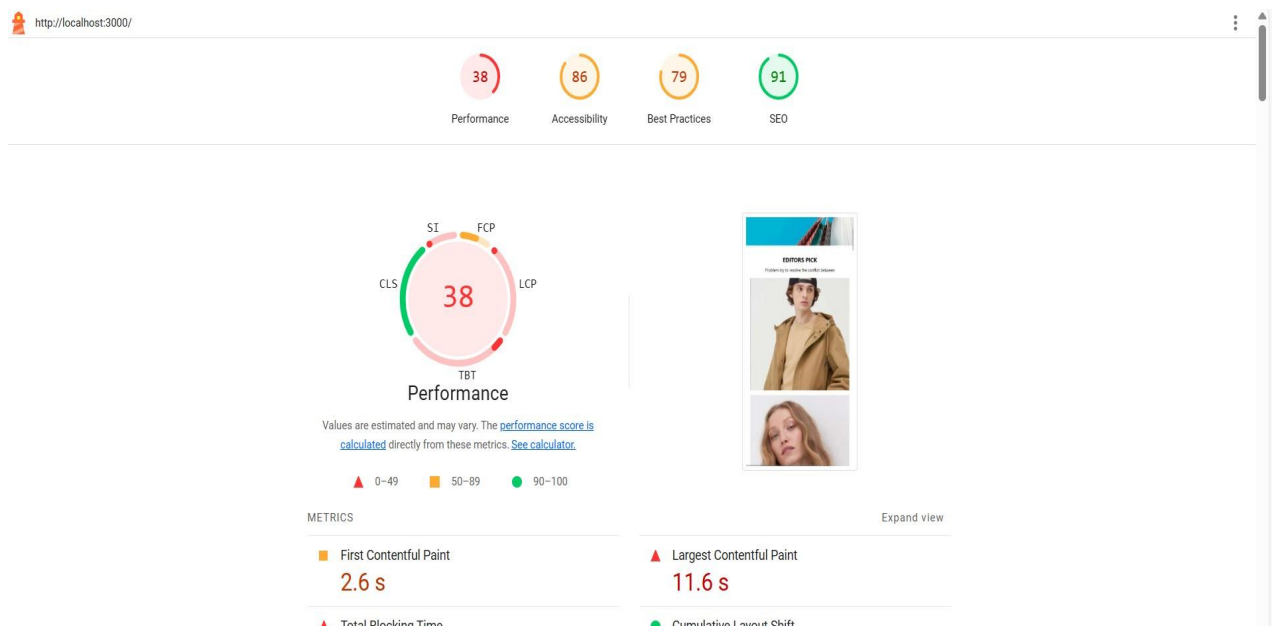**Error**

No error all items fetch
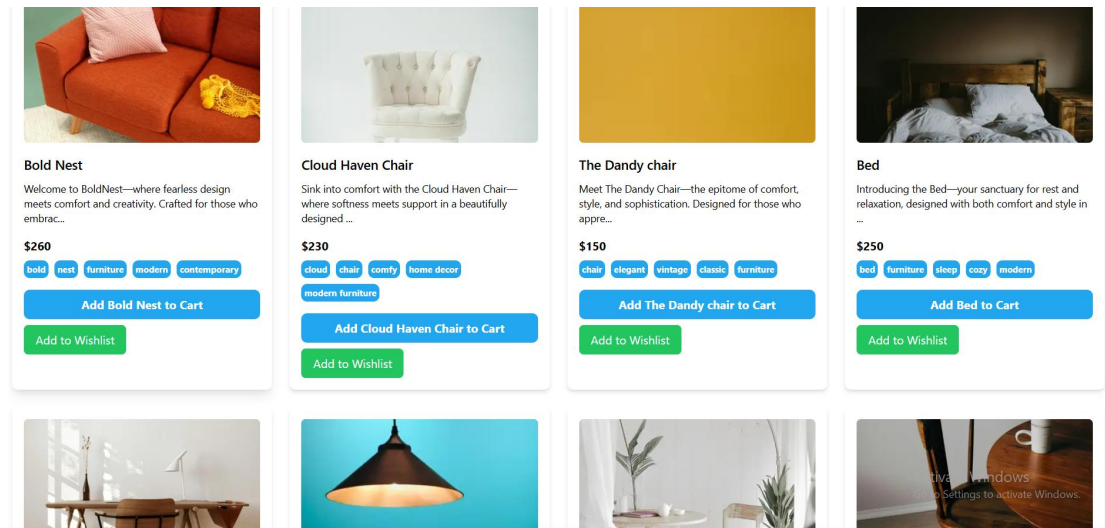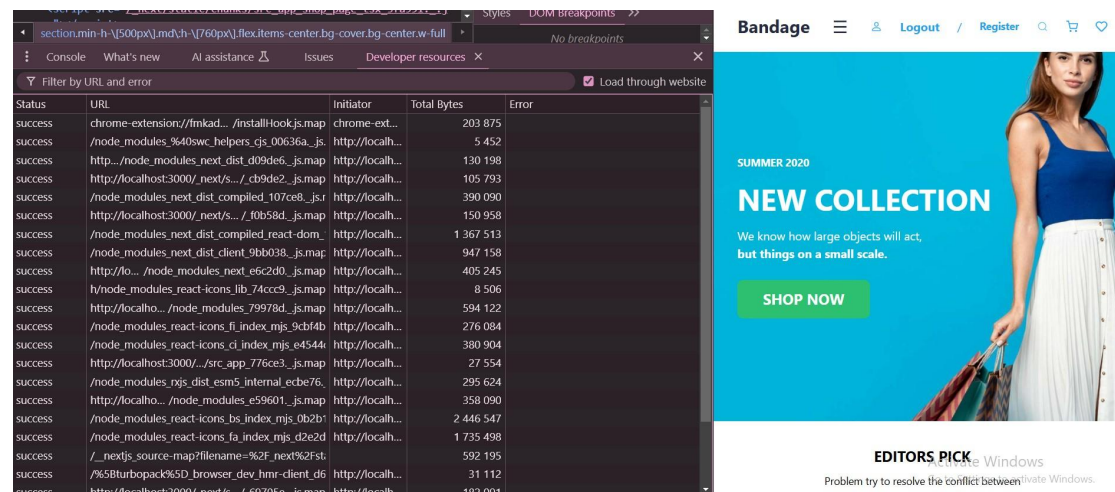

Test cases executed and their results

Postman api   (200 status)

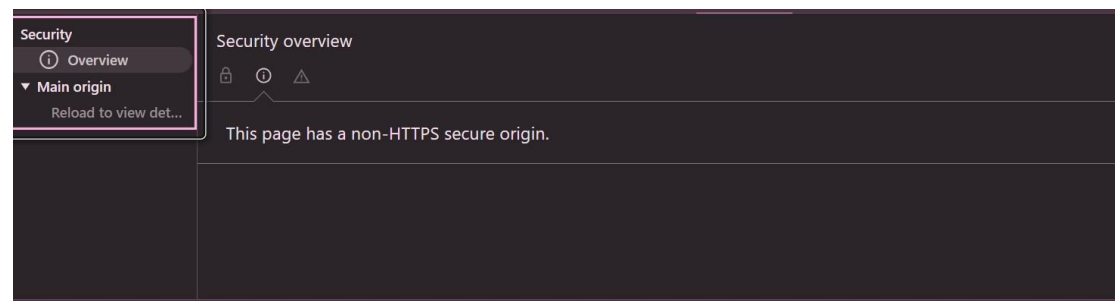**Lighthouse tool use for testing**

Develop resources

Security measures

Performance optimization

Cross Browser and Device Testing:

To ensure my website looks good and works correctly across different platforms, I tested: Browsers: I manually checked the website on Chrome, Firefox, Safari, and Edge to ensure consistency across all browsers. Devices: I tested the website on both desktop and mobile devices to ensure responsiveness and that the layout adjusts properly for smaller screens.

In conclusion, all tasks for Day 5 have been successfully completed