

# Luma UI Test - Final Report

## Summary

I performed both manual and automated testing on the following core e-commerce functionalities:

- **Search** – verified keyword-based results.
- **Shopping Cart** – validated product addition and order total calculations including shipping and discounts.
- **Wishlist** – ensured items can be added and viewed correctly.

Automated tests were written using **Playwright + TypeScript**, and manual test cases were prepared for real-user scenario validation.

## Findings

No critical bugs were encountered during the testing process. Core functionalities behaved as expected based on standard user flows.

## Potential Areas for Improvement

While the application works functionally, there are some **user experience (UX)** concerns that could be improved:

- Redundant or unclear UI elements sometimes lead to duplicate locators, complicating both test automation and user navigation.
- Feedback messages (e.g., after adding to wishlist) could be more visible or styled for better recognition.
- The fact that while the user is on the Wish List page the app showing a side bar with the same Wish List view seems redundant and duplicated.
- Buttons like “Add to wish list” should at least change colour when pressed to indicate a successful interaction.
- If you add a product from the Wish List view it will automatically remove it from the wishlist, so in case you decide not to proceed with the purchase you will have to re-add it to the wishlist.

## Recommendations

- Refactor front-end markup to make elements uniquely identifiable (e.g., data attributes) for easier automation.
- Improve consistency and clarity of action feedback messages.
- Consider adding UX animations to guide the user's behavior and understanding of his actions.