

DAY-5: TESTING AND BACKEND REFINEMENT

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Detailed Testing Documentation

The **Day-5 testing** focused on validating the front-end responsiveness, functionality of key components, and backend integration of the website. The testing outcomes and observations are as follows:

1. Product Listing Page

- Verified that products are dynamically fetched from the API and displayed in an organized layout.
- **Outcome:** All products are displayed correctly without any delays or errors.

2. Header Responsiveness

- The header transforms into a hamburger menu on smaller screens. The sidebar menu opens seamlessly when clicked.
- **Outcome:** Fully responsive and functional.

3. Category Filtering

- Testing confirmed that selecting a category filters products accurately.
- **Outcome:** Products displayed perfectly based on the selected category.

4. Product Detail Page

- Verified dynamic rendering of product information such as price, quantity, description, and related products.
- **Outcome:** All product details are displayed dynamically and accurately.

5. Add-to-Cart Functionality

- Tested adding products to the cart and confirmed the total amount calculation. The cart updates dynamically and reflects the added items.
- **Outcome:** Functionality works flawlessly.

6. Footer Responsiveness

- Ensured that the footer adjusts its layout on smaller screen sizes while retaining usability.
- **Outcome:** The footer is fully responsive.

7. Similar Products Feature

- Verified that related products appear dynamically on product detail pages.
- **Outcome:** The feature is functional and displays relevant products.

8. Search Bar

- The search bar UI is present, but the functionality to search products dynamically is not implemented yet.
- **Outcome:** Pending functionality.

9. Notifications Component

- Verified that a notification appears whenever a product is added to the cart.

- **Outcome:** Notifications are displayed accurately and promptly.

This thorough testing ensures that the website delivers an exceptional user experience with optimized performance, responsive layouts, and functional features. Remaining tasks include implementing the search bar functionality and refining minor backend operations to enhance usability further.