**Usability Report for DemoBlaze E-commerce Platform**

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**1. Introduction**

This report evaluates the usability of the DemoBlaze e-commerce platform, focusing on navigation, clarity, and accessibility based on user interactions with registration, product selection, and checkout processes.

**2. Usability Evaluation**

The evaluation was conducted on July 01, 2025, using Chrome browser on Windows 11, accessing <https://www.demoblaze.com/>.

**3. Identified Usability Issues**

| **Issue ID** | **Issue Description** | **Severity** | **Suggested Improvement** |
| --- | --- | --- | --- |
| **UI\_001** | **Lack of input validation during checkout** | **High** | **Add real-time validation for name, card number, and date fields to prevent invalid submissions.** |
| **UI\_002** | **Unclear cart indication** | **Medium** | **Replace the "Cart" link in the Navbar with a visual cart icon that updates with item count.** |
| **UI\_003** | **Inconsistent navigation flow** | **Medium** | **Provide a clear progress indicator during checkout to guide users through the process.** |

**4. Detailed Analysis**

* **Issue UI\_001 (Lack of input validation during checkout):** Users can submit orders with invalid data (e.g., numbers in name, letters in card number, invalid date like 1/6/2025) without error messages, leading to potential confusion and security risks. **Severity: High** - This affects transaction reliability and user trust.
* **Issue UI\_002 (Unclear cart indication):** The "Cart" link in the Navbar does not visually indicate the number of items, relying solely on clicking to view contents, which may confuse users. **Severity: Medium** - Improves user experience but not critical.
* **Issue UI\_003 (Inconsistent navigation flow):** The checkout process lacks a progress bar or clear steps, making it hard for users to understand their position. **Severity: Medium** - Enhances usability but not a blocker.

**5. Recommendations**

* Implement client-side validation with clear error messages for payment fields.
* Design a dynamic cart icon or badge to reflect item count in the Navbar.
* Add a multi-step checkout wizard with a progress indicator.

**6. Conclusion**

The DemoBlaze platform offers basic functionality but requires usability enhancements, particularly in validation and navigation, to improve user satisfaction and trust.