**Functional Test Report for DemoBlaze E-commerce Platform**

**Date:** July 01, 2025  
**Time:** 02:05 PM EEST  
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**1. Test Overview**

This report summarizes the execution of functional test cases for the DemoBlaze e-commerce platform, covering user registration, adding products to the cart, and placing orders.

**2. Test Execution Summary**

* **Total Test Cases Executed:** 5
* **Passed:** 5
* **Failed:** 0
* **Not Executed:** 0
* **Test Environment:** Windows 11, Chrome Browser, DemoBlaze (<https://www.demoblaze.com/>)

**3. Test Case Execution Results**

| **Test Case ID** | **Test Case Name** | **Execution Date** | **Status** | **Comments** |
| --- | --- | --- | --- | --- |
| TC\_REG\_01 | Sign-up with Empty Fields | 07/01/2025 | Pass | Error message "Please fill out Username and Password" appeared as expected. |
| TC\_ADD\_01 | Add Product to Cart | 07/01/2025 | Pass | "Product added" message appeared; cart in Navbar showed product and total. |
| TC\_ADD\_02 | Add Multiple Products to Cart | 07/01/2025 | Pass | Both products added; cart showed correct total amount. |
| TC\_ORD\_01 | Place Order Without Login | 07/01/2025 | Pass | Order placed with invalid data; confirmation received. |
| TC\_ORD\_02 | Place Order with Invalid Data | 07/01/2025 | Pass | Order confirmed despite invalid name (123), card (abcdef), and date (1/6/2025). |

**4. Additional Test Scenarios Suggested**

* **TS\_004:** Test payment validation with special characters in name and card fields.
* **TS\_005:** Verify cart behavior after adding products from different categories.

**5. Conclusion**

All test cases passed, but the lack of validation for payment details (e.g., accepting numbers in name, letters in card number) indicates a potential security issue that should be addressed.