**Test Summary Report for WafiCommerce**

This report summarizes the testing process, including executed test cases, results, identified bugs, and overall system stability.

**Test Execution Overview**

**Total Test Cases**

* **Total Designed Test Cases:** 53
* **Total Executed Test Cases:** 53

**Test Execution Status**

|  |  |
| --- | --- |
| **Status** | **Count** |
| ✅ Passed | 52 |
| ❌ Failed | 3 |
| ⏳ Blocked | 0 |

**Test Execution Coverage**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | Total Cases | Passed | Failed | Blocked |
| Product | 18 | 18 | 0 | 0 |
| Sales | 10 | 7 | 3 | 0 |
| Sales Order | 7 | 7 | 0 | 0 |
| Purchase | 9 | 9 | 0 | 0 |
| Purchase Return | 9 | 9 | 0 | 0 |
| **Total** | **53** | **50** | **3** | 0 |

**Key Findings & Defects Identified**

**Critical Bugs Identified**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Bug ID | Test Case ID | Issue Summary | Expected Result | Actual Result | Status | Priority |
| BUG\_001 | SA\_006 | Overselling allowed | System should prevent sale beyond stock | Sale created, stock goes negative | Failed | High |
| BUG\_002 | SA\_008 | Credit limit not enforced | Sale should be restricted if credit limit exceeded | Sale allowed beyond limit | Failed | High |
| BUG\_003 | SA\_009 | Simultaneous transactions issue | Stock should not go negative | Multiple users caused negative stock | Failed | High |

**Observations & Recommendations**

**System Strengths**

* The system handled **product creation, sales orders, purchases, and returns efficiently**.
* **Validation messages were clear** when expected.
* **Stock updates were accurate** for most cases.

**Areas for Improvement**

* **Stock Management Issue:** Prevent overselling by implementing real-time stock validation.
* **Credit Limit Enforcement:** Restrict sales if the customer's credit limit is exceeded.
* **Simultaneous Transactions Handling:** Implement concurrency control to prevent stock inconsistencies.

This report concludes my testing efforts for the WafiCommerce platform as part of my internship evaluation.