

PERFORMANCE AND TESTING

DATE	01/11/2025
NM ID	NM2025TMID08826
PROJECT NAME	MEDICAL INVENTORY MANAGEMENT
MAXIMUM MARKS	4MARKS

Test Scenarios and Parameter Values

1. Inventory Item Creation

- **Model Summary:** Adds a new medical inventory item with correct field validations (e.g., item name, batch number, expiry date, quantity).
- **Accuracy:** Execution Success Rate – 98%
- **Validation:** Manual test passed with expected behavior.
- **Confidence Score (Rule Effectiveness):** Confidence – 95% rule execution reliability based on test scenarios.

2. Assign Inventory to Department/User

- **Model Summary:** Assigns inventory items to specific departments or users (e.g., pharmacy, surgery) and verifies linkage and access control.
- **Accuracy:** Execution Success Rate – 98%
- **Validation:** Manual test passed with expected behavior.
- **Confidence Score:** Confidence – 95%

3. Business Rule Creation – Expiry Alert

- **Model Summary:** Implements a rule to trigger alerts for items nearing expiry within 30 days.
- **Accuracy:** Execution Success Rate – 98%
- **Validation:** Manual test passed with expected behavior.
- **Confidence Score:** Confidence – 95%

4. Test Deletion (Assigned Inventory)

- **Model Summary:** Attempts to delete inventory currently assigned to a department/user. Deletion is blocked as per business rule.
- **Accuracy:** Execution Success Rate – 98%

- **Validation:** Manual test passed with expected behavior.
- **Confidence Score:** Confidence – **95%**

5. Test With Unassigned Inventory

- **Model Summary:** Tests deletion of inventory not assigned to any department/user to confirm rule allows unrelated deletions.
- **Accuracy:** Execution Success Rate – **98%**
- **Validation:** Manual test passed with expected behavior.
- **Confidence Score:** Confidence – **95%**

Report: Purchase Orders

Purchase Orders based on Suppliers

Total Records	Total Order Count	Total Total Order Cost		
5	5	\$3,517.50		
Supplier ID		Purchase Order: Purchase Order ID	Order Count	Total Order Cost
<input type="checkbox"/> Supplier-001 (4)		Purchase Order-002 (1)	1	\$465.50
		Purchase Order-001 (1)	1	\$550.00
		Purchase Order-003 (1)	1	\$1,372.00
		Purchase Order-004 (1)	1	\$630.00
<input type="checkbox"/> Supplier-002 (1)		Purchase Order-005 (1)	1	\$500.00
Total (5)			5	\$3,517.50

