

Performance Testing

Date	31 st October
Team ID	NM2025TMID06633
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

Model Performance

1. Record Creation Test

- Validates that new medical records (medicine name, batch number, expiry date, supplier info, quantity) are created correctly and stored in the database.
- Ensures all mandatory fields are filled and data integrity is maintained.

The screenshot shows the 'Products' section of the 'Medical Inventory Management' application. At the top, there is a navigation bar with links for Products, Purchase Orders, Order Items, Inventory Transactions, Supplier, Reports, and Dashboards. Below the navigation bar, there is a search bar and a toolbar with icons for New, Import, Change Owner, and Assign Label. A 'Recently Viewed' section displays three items: Product-0003, product-0002, and product-0001. The main area shows a table with columns for Product ID, Name, and other details. The table has 3 items listed, with the first item being 'Product-0003'. There are also icons for sorting and filtering at the bottom of the table.

2.Flow Execution

- Checks automated flows (e.g., stock reduction after billing or auto-alert for low inventory) run correctly without lag.
- Confirms that each triggered flow completes successfully and updates the right records.

The screenshot shows the Salesforce Setup interface with the 'Flows' tab selected. The left sidebar includes links for Setup Home, Salesforce Go, Service Setup Assistant, Commerce Setup Assistant, Hyperforce Assistant, Release Updates, Salesforce Mobile App, Lightning Usage, Optimizer, Sales Cloud Everywhere, Administration (Users, Data, Email), Platform Tools (Subscription Management, Apps), and Feature Controls. The main content area displays a table titled 'Flow Definitions' with the filter 'All Flows'. The table has columns for Flow Label, Process Type, Active, Tem..., Package State, Last Modified By, and Last Modified Date. The data includes various flows like 'Actual Delivery Date Updating', 'Add or Modify Service Appointment Attendees', and 'Approvals Workflow: Evaluate Approval Requests', all listed as Managed-Installed.

3.Trigger Validation

This trigger automatically calculates and updates the total order amount whenever an order item is created or updated, ensuring accurate billing data.

The screenshot shows the Salesforce Setup interface with the 'Apex Triggers' tab selected. The left sidebar is identical to the previous screenshot. The main content area displays a table titled 'Apex Triggers'. A green box at the top indicates 'Percent of Apex Used: 0%' and notes character usage. The table has columns for Action, Name +, Namespace Prefix, sObject Type, API Version, Status, Size Without Comments, Last Modified By, and Has Trace Flags. One trigger, 'CalculateTotalAmountTrigger', is listed under the 'Order_Item' object type, version 65.0, active, with a size of 73 and last modified by Selva Rubavathy M on 10/31/2025, 3:00 AM.

4. Dashboard Update

This dashboard displays **Purchase Orders based on Suppliers**, summarizing the total order count for each supplier in real time. It confirms that dashboard components update dynamically from live inventory data.

