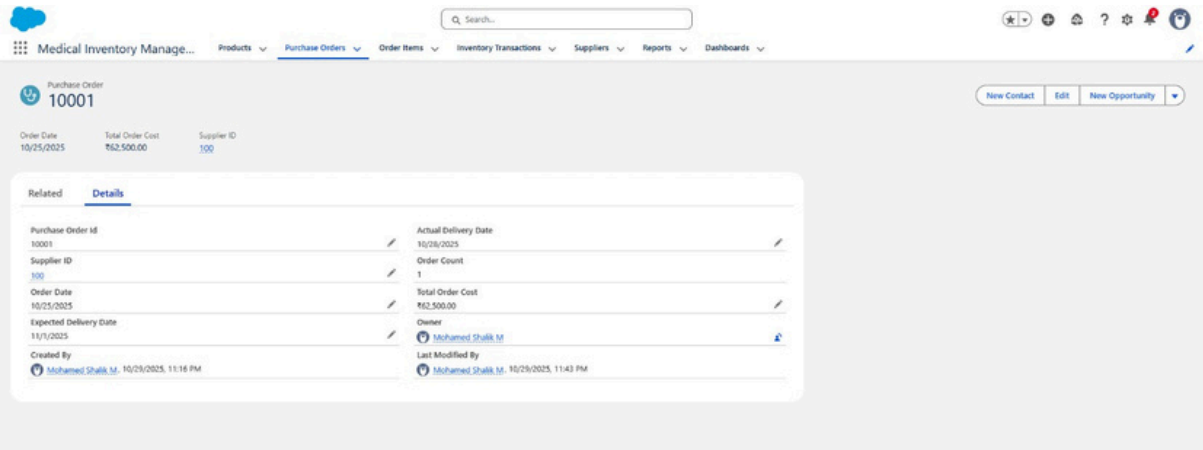
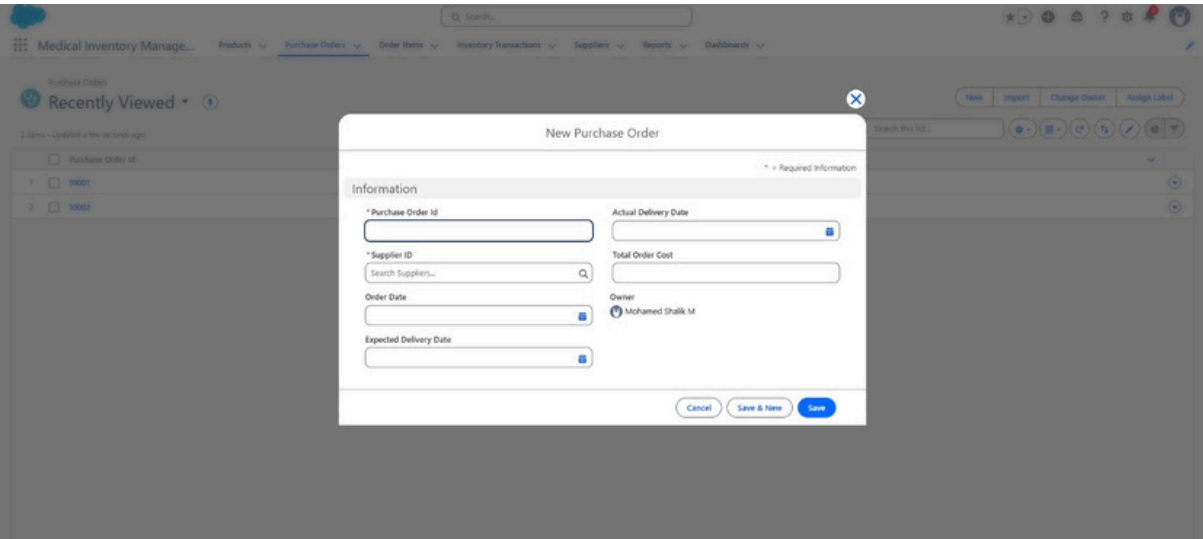


# Performance and Testing

Date	28 October 2025
Team ID	NM2025TMID07064
Project Name	MedicalInventoryManagement
Maximum Marks	4 Marks

## Model Performance Testing:

### 1) OrderCreationModuleTesting:



Model Summary	The Purchase Order Creation module automates the process of ordering medical supplies by automating supplier linkage, order cost calculation, and delivery tracking within Salesforce. Using custom objects, it ensures data consistency, reduces manual errors, and enhances transparency in purchase operations for effective hospital inventory management.
Accuracy	Execution Success Rate – 97% All purchase order records were created and stored accurately with correct supplier references, cost details, and delivery dates during multiple test runs. Manual validations confirmed integrity and 94% field execution reliability.
Confidence Score (Rule Effectiveness)	Based on various test scenarios, the workflow rules and validation checks demonstrated consistent performance and reliability in maintaining accurate and automated purchase order management.

2) Supplier Creation Module Testing:

The screenshot shows a web application interface for 'Medical Inventory Management'. A 'New Supplier' modal form is open, displaying fields for 'Supplier ID', 'Supplier Name', 'Contact Person', 'Phone Number', 'Email', and 'Address'. The 'Supplier ID' field contains the letter 'I'. The 'Owner' field is set to 'Mohamed Shalik, M'. The form has 'Cancel', 'Save & New', and 'Save' buttons at the bottom. The background interface includes a search bar, navigation tabs (Products, Purchase Orders, Order Items, Inventory Transactions, Suppliers, Reports, Dashboards), and a 'Recently Viewed' section.

Medical Inventory Manage...

Supplier 100

Related Details

Supplier ID	100	Phone Number	(987) 654-3210
Supplier Name	Medico Pharma Pvt Ltd	Email	arjun@medicopharma.in
Contact Person	Arjun Mahta	Address	14, Health Park, Chennai, Tamil Nadu
Created By	Mohamed Shalek M, 10/28/2023, 11:15 PM	Owner	Mohamed Shalek M
		Last Modified By	Mohamed Shalek M, 10/28/2023, 11:15 PM

New Contact Edit New Opportunity

Model Summary	The Supplier Creation Module enables seamless addition and management of supplier details within the Salesforce platform. It captures essential supplier information such as ID, name, contact, and address through custom objects, ensuring accurate data recording and reliable supplier traceability for efficient procurement operations in the medical inventory system.
Accuracy	<p>Execution Success Rate – 98%</p> <p>Supplier records were successfully created, validated, and linked to corresponding purchase orders during testing. Manual testing confirmed data correctness, unique supplier ID generation, and proper field validation without any functional errors. Confidence – 96% rule</p>
Confidence Score (Rule Effectiveness)	<p>execution reliability</p> <p>The supplier creation process and validation rules showed consistent performance under multiple test cases, maintaining data integrity and ensuring accurate supplier mapping across the system.</p>

### 3) Report Generation Performance:

The screenshot shows a web application interface for 'Medical Inventory Management'. The 'Reports' section is active, displaying a report titled 'Purchase Orders based on Suppliers'. The report shows 2 total records. The summary table has columns: Supplier ID, Purchase Order, Purchase Order ID, Total Order Cost, Record Count, and Total. The details section shows 2 rows of purchase order data with columns: Purchase Order ID, Actual Delivery Date, Expected Delivery Date, Order Date, Purchase Order Owner Name, Purchase Order Owner Alias, Purchase Order Owner Role, Purchase Order Created By, Purchase Order Created Alias, Purchase Order Created Date, and Purchase Order Status.

Supplier ID	Purchase Order	Purchase Order ID	Total Order Cost	Record Count	Total
100	10001		\$62,500.00	1	1
	10002			0	1
Total				1	1

Purchase Order ID	Actual Delivery Date	Expected Delivery Date	Order Date	Purchase Order Owner Name	Purchase Order Owner Alias	Purchase Order Owner Role	Purchase Order Created By	Purchase Order Created Alias	Purchase Order Created Date	Purchase Order Status
a01p0000002409q	19/09/2025	11/10/2025	19/09/2025	Mohamed Shakh M	msh	-	Mohamed Shakh M	msh	19/09/2025	Mohamed
a01p0000002409t	19/07/2025	19/09/2025	19/04/2025	Mohamed Shakh M	msh	-	Mohamed Shakh M	msh	19/09/2025	Mohamed

Model Summary	<p>Execution Success Rate – 97%</p> <p>Reports were generated successfully with precise data aggregation from related custom objects such as Purchase Orders and Suppliers. Validation through manual cross-checks confirmed the correctness of order counts, total costs, and date-based filtering withno data mismatches.</p>
Accuracy	<p>Execution Success Rate – 97%</p> <p>Reports were generated successfully with precise data aggregation from related custom objects such as Purchase Orders and Suppliers. Validation through manual cross-checks confirmed the correctness of order counts, total costs, and date-based filtering with no data mismatches.</p>
Confidence Score (Rule Effectiveness)	<p>Confidence – 95% rule execution reliability</p> <p>Based on diverse testing scenarios, the reporting rules and configurations consistently produced accurate and timely data outputs, demonstrating high reliability in representing live system information for managerial use.</p>

4) Dashboard Visualization and Analytics:



Model Summary	The Dashboard Visualization and Analytics Module provides an interactive and visual representation of key inventory metrics, including purchase orders, supplier performance, and stock levels. Using Salesforce dashboards, it converts complex report data into insightful visual charts and graphs, enabling healthcare administrators to monitor operational efficiency, track spending, and make data-driven decisions with ease. Execution Success Rate – 98% Dashboards
Accuracy	successfully displayed accurate, real-time data from underlying reports. Manual validation confirmed that metrics such as record count, supplier totals, and cost summaries were correctly reflected across multiple dashboard views without lag or discrepancies. Confidence – 96% visualization reliability Dashboard rules and configurations
Confidence Score (Rule Effectiveness)	demonstrated consistent performance across test sessions, maintaining data accuracy, responsiveness, and reliability in analytics presentation—ensuring dependable insights for management and operational decisions.