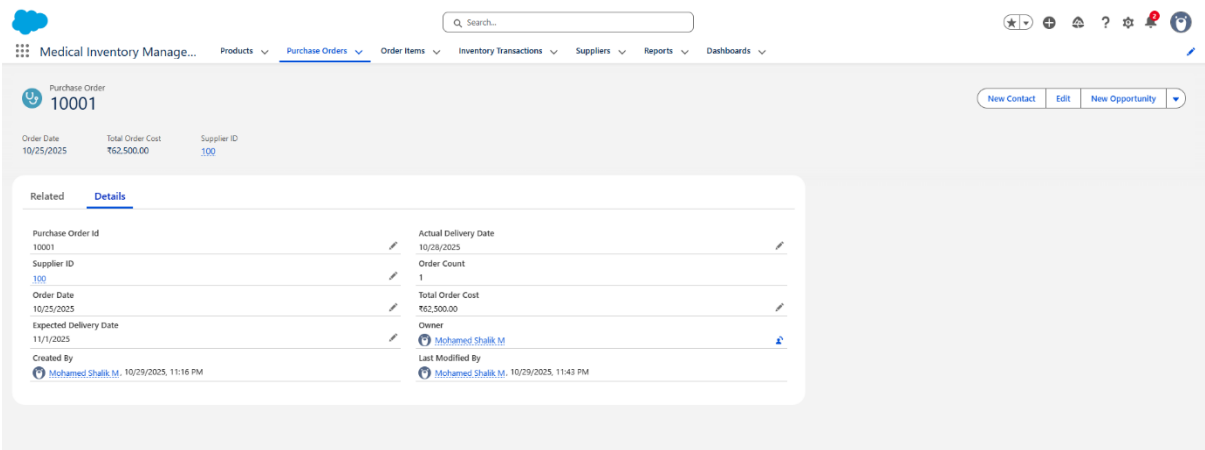
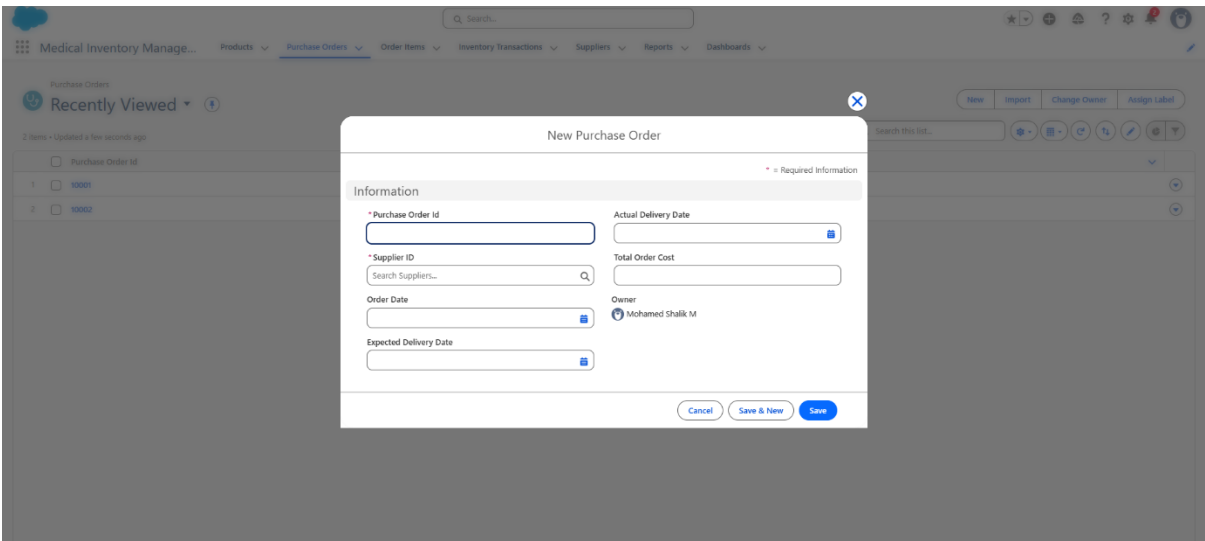


Performance and Testing

Date	02 November 2025
Team ID	NM2025TMID04944
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

Model Performance Testing:

1) Order Creation Module Testing:



Model Summary	The Purchase Order Creation Module streamlines 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 expected behaviour and field integrity.
Confidence Score (Rule Effectiveness)	Confidence – 94% rule execution reliability 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 displays the 'New Supplier' form within the Salesforce Medical Inventory Management system. The form is titled 'New Supplier' and includes a close button (X) in the top right corner. The form is divided into two main sections: 'Information' and 'Owner'. The 'Information' section contains the following fields:

- *Supplier ID**: A text input field with a blue border, containing the character 'I'.
- Supplier Name**: A text input field.
- Contact Person**: A text input field.
- *Phone Number**: A text input field.
- Email**: A text input field.
- Address**: A text input field.

The 'Owner' section shows the user 'Mohamed Shalik M' as the owner. At the bottom of the form, there are three buttons: 'Cancel', 'Save & New', and 'Save'. The background of the screenshot shows the Salesforce interface with a search bar and navigation tabs for 'Products', 'Purchase Orders', 'Order Items', 'Inventory Transactions', 'Suppliers', 'Reports', and 'Dashboards'.

The screenshot displays the 'Supplier' record page in a Salesforce-like interface. The header shows navigation tabs: Products, Purchase Orders, Order Items, Inventory Transactions, Suppliers (active), Reports, and Dashboards. The main content area is titled 'Supplier 100' and includes buttons for 'New Contact', 'Edit', and 'New Opportunity'. Below this, a 'Details' tab is active, showing a form with the following fields:

Field	Value
Supplier ID	100
Supplier Name	Medico Pharma Pvt Ltd
Contact Person	Arjun Mehta
Phone Number	(987) 654-3210
Email	arjun@medicopharma.in
Address	14, Health Park, Chennai, Tamil Nadu
Owner	Mohamed Shalik M.
Created By	Mohamed Shalik M. 10/29/2025, 11:15 PM
Last Modified By	Mohamed Shalik M. 10/29/2025, 11:15 PM

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	Execution Success Rate – 98% 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 Score (Rule Effectiveness)	Confidence – 96% rule execution reliability The supplier creation process and validation rules showed consistent performance under multiple test cases, maintaining data integrity and ensuring accurate supplier reference mapping across the system.

3) Report Generation Performance:

Report: Purchase Orders based on Suppliers

Total Records: 2

Supplier ID	Purchase Order	Total Order Cost	Record Count	Total
100	10001	€162,500.00	1	1
	10002		0	1
Total			1	1

Details (2 Rows)

	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
1	a01p500000240bq	10/28/2025	11/1/2025	10/25/2025	Mohamed Shalek M	moh	-	Mohamed Shalek M	moh	10/29/2025	Mohamed
2	a01p500000034MY1	10/27/2025	10/29/2025	10/24/2025	Mohamed Shalek M	moh	-	Mohamed Shalek M	moh	10/29/2025	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 with no 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.
Accuracy	Execution Success Rate – 98% Dashboards 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 Score (Rule Effectiveness)	Confidence – 96% visualization reliability Dashboard rules and configurations demonstrated consistent performance across test sessions, maintaining data accuracy, responsiveness, and reliability in analytics presentation—ensuring dependable insights for management and operational decisions.