

Performance and Testing

Date	28 October 2025
Team ID	NM2025TMID04224
Project Name	Medical Inventory Management
Maximum Marks	4 Marks

Model Performance Testing

Salesforce Developer Edition Signup Page

Platform Login Credentials - P... x Student x Recently Viewed | Products | S... x Home | Salesforce x Developer Edition with Agentf... x +

salesforce.com/form/developer-signup/?d=pb

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First name: Umamaheshwari ✓ Last name: K ✓

Job title: Developer ✓ Work email: pksuma6369@gmail.com ✓

Company: Sri Bharathi Engineers ✓ Country/Region: India ✓

Your org may be provisioned on or migrated to Hyperforce, Salesforce's public cloud infrastructure.

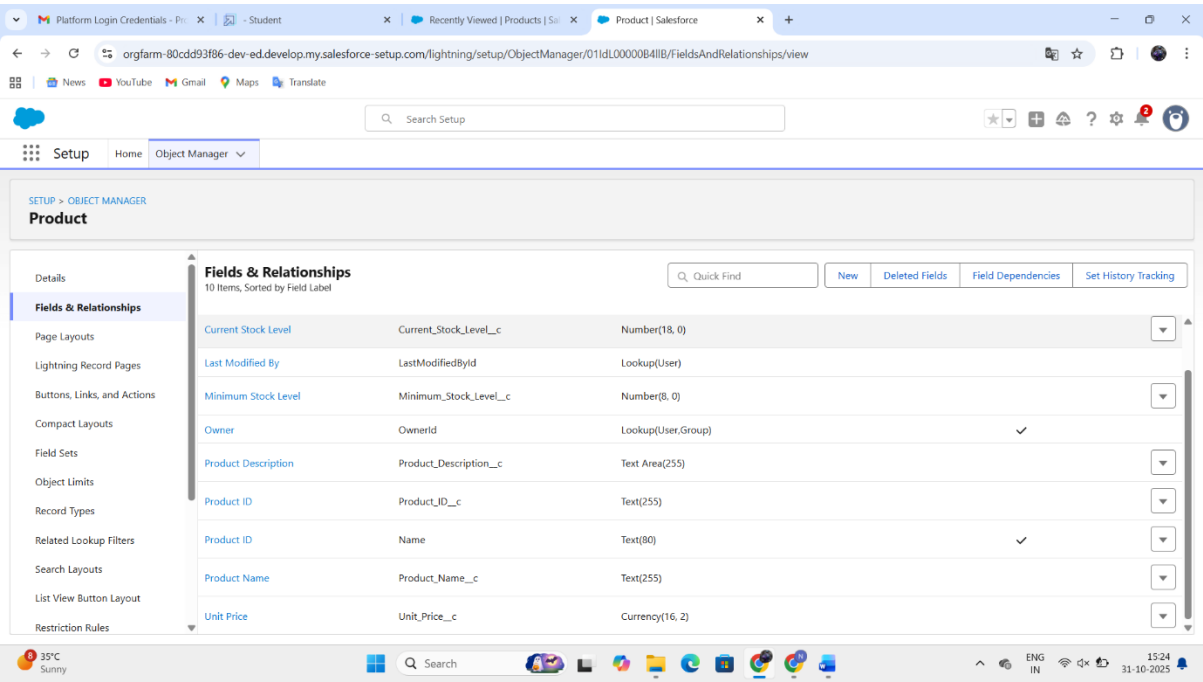
☒ I agree to the Main Services Agreement - Developer Services and Salesforce Program Agreement. I acknowledge, as described in the Developer Documentation: (1) the Developer Edition includes autonomous and other generative AI features; and (2) Salesforce may limit use of those features and the org, and may terminate any org that has been inactive for 45 days.

We value your privacy. To learn more, visit our Privacy Statement.

35°C Sunny Search 15:22 31-10-2025

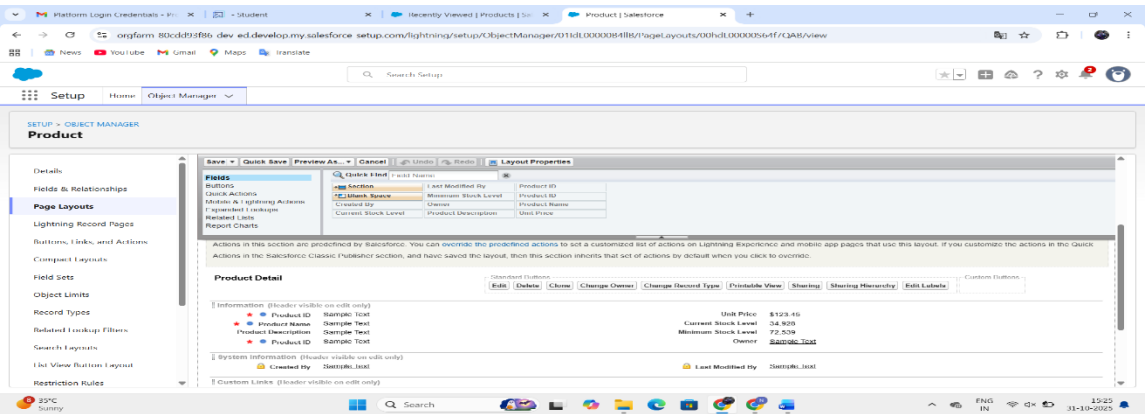
Parameter	Value
Objective	To create a Salesforce Developer Edition environment for building the Medical Inventory Management application.
Description	The Developer Edition provides a personal Salesforce environment with full access to customization, data modeling, and automation tools.
Tool Used	Salesforce Developer Edition

Custom Tabs Setup



Parameter	Value
Objective	To define and organize main custom objects for the Medical Inventory Management System
Description	Tabs were created for custom objects like Products, Suppliers, Purchase Orders, Order Items, and Inventory Transactions.
Tool Used	Salesforce Object Manager → Tabs

Roles Setup



Parameter	Value
Objective	To implement a role hierarchy for user access and data visibility.
Description	Roles were assigned such as Inventory Manager, Purchasing Manager, and Marketing Team to ensure secure data sharing and task segregation.
Tool Used	Salesforce Setup → Roles

Product Object Fields & Relationships

The screenshot displays the Salesforce Setup interface for the 'Roles' section. The left sidebar shows the navigation menu with 'Setup' selected, and 'Roles' highlighted under the 'Users' section. The main content area shows a role hierarchy tree. At the top is 'SVP, Sales & Marketing'. Below it are 'Inventory Manager', 'Purchasing Manager', and 'VP, International Sales'. Under 'VP, International Sales' is 'VP, Marketing'. Under 'VP, Marketing' is 'Marketing Team'. Under 'Marketing Team' is 'VP, North American Sales'. Under 'VP, North American Sales' are 'Director, Channel Sales' and 'Director, Direct Sales'. Under 'Director, Channel Sales' is 'Channel Sales Team'. Under 'Director, Direct Sales' is 'Eastern Sales Team'. At the bottom is 'Western Sales Team'. Each role in the hierarchy has 'Add Role', 'Edit', 'Del', and 'Assign' actions next to it. The browser's address bar shows the URL: 'orgfarm-80cdd93f86-dev-ed.develop.my.salesforce-setup.com/lightning/setup/Roles/home'. The Windows taskbar at the bottom shows the date as 31-10-2025 and the time as 15:26.

Parameter	Value
Objective	To define key data fields that store medical product details and inventory information.
Description	Custom fields such as Product ID, Product Name, Unit Price, Current Stock Level, and Minimum Stock Level were created.
Tool Used	Salesforce Object Manager → Product → Fields & Relationships

Product Page Layout Design

Platform Login Credentials - Pr... x

Student x

Recently Viewed | Products | S... x

Flows | Salesforce x

Actual Delivery Date Updating x

+

orgfarm-80cdd93f86-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301dl00001aZugQQAS

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Flow Builder

Actual Delivery Date Updating - V1

?

Auto-Layout

Last saved on 10/30/2025, 08:38 PM

Active

Run

Debug

View Tests

Save As New Version

Save

Deactivate

Record-Triggered Flow

Start

Object: Purchase Record

Trigger: A record is created or updated

Optimize for: Fast Field Updates

Open Flow Trigger Explorer for Purcha...

+

Get Purchase Record

Get Records

+

Assignment

Assignment

+

Updating Purchasing Order

Update Records

+

End

35°C Sunny

Search

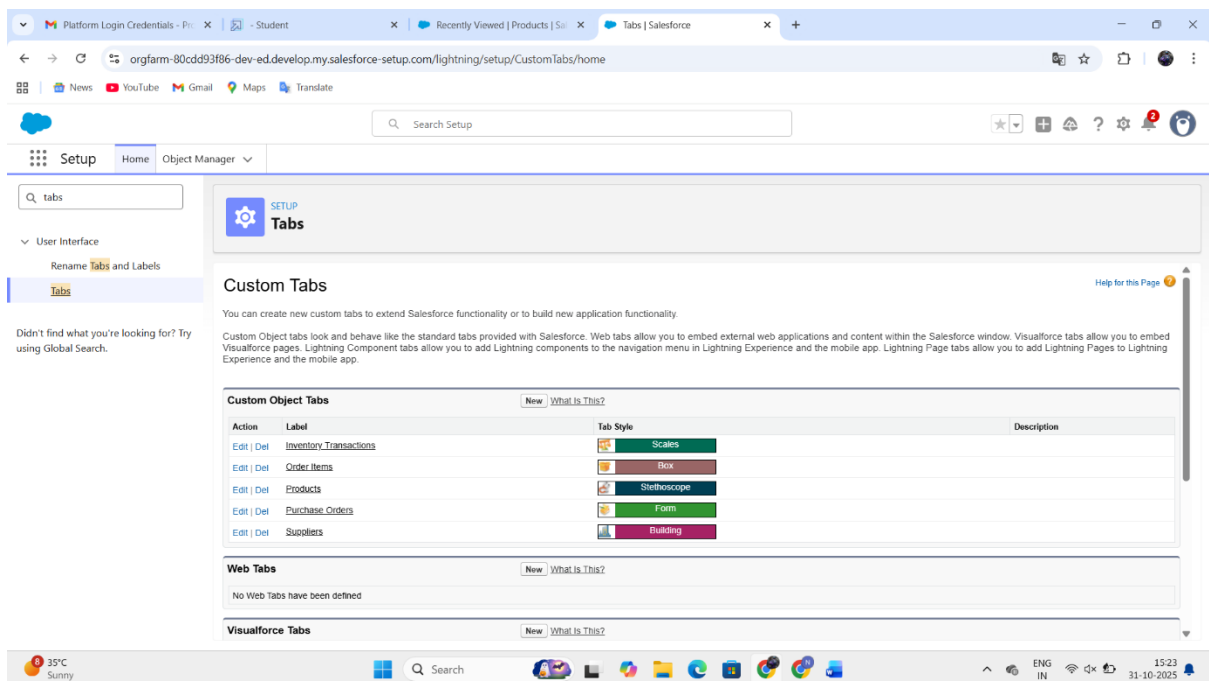
ENG IN

15:27

31-10-2025

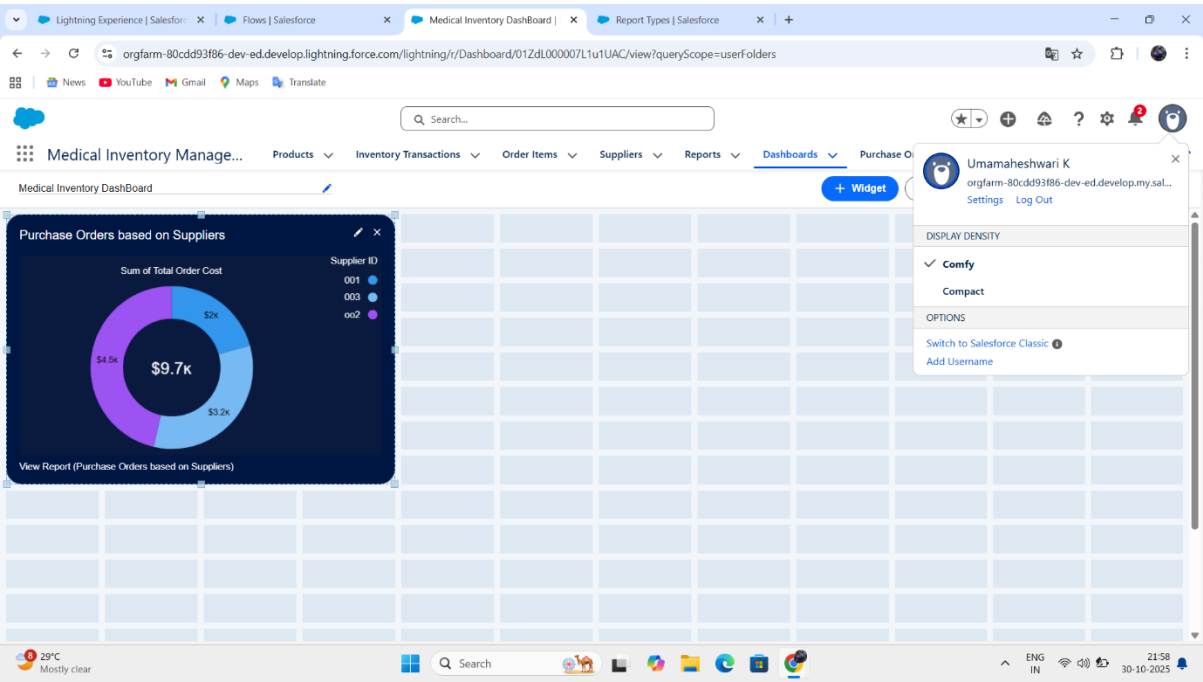
Parameter	Values
Objective	To organize fields visually for better user interaction and readability.
Description	The Product layout includes key details like Product ID, Description, Price, and Stock Levels arranged logically.
Tool Used	Salesforce Object Manager → Product → Page Layouts

Flow Builder (Actual Delivery Date Updating Flow)



Parameter	Values
Objective	To automate the update of delivery dates in purchase orders.
Description	A record-triggered flow was created to update the Actual Delivery Date field automatically when a purchase record is created or modified.
Tool Used	Salesforce Flow Builder

Medical Inventory Dashboard



Parameter	Values
Objective	To visualize and monitor inventory data through analytical dashboards.
Description	A dashboard was designed to show total purchase costs based on suppliers and overall stock distribution.
Tool Used	Salesforce Dashboard & Reports