

Medical Inventory Management

College Name:CHIKKANNA GOVERNMENT ARTS COLLEGE

College Code:Bru06

TEAM ID:[384054F20E04EC0889E42C9FA297D025](#)

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INTRODUCTION:

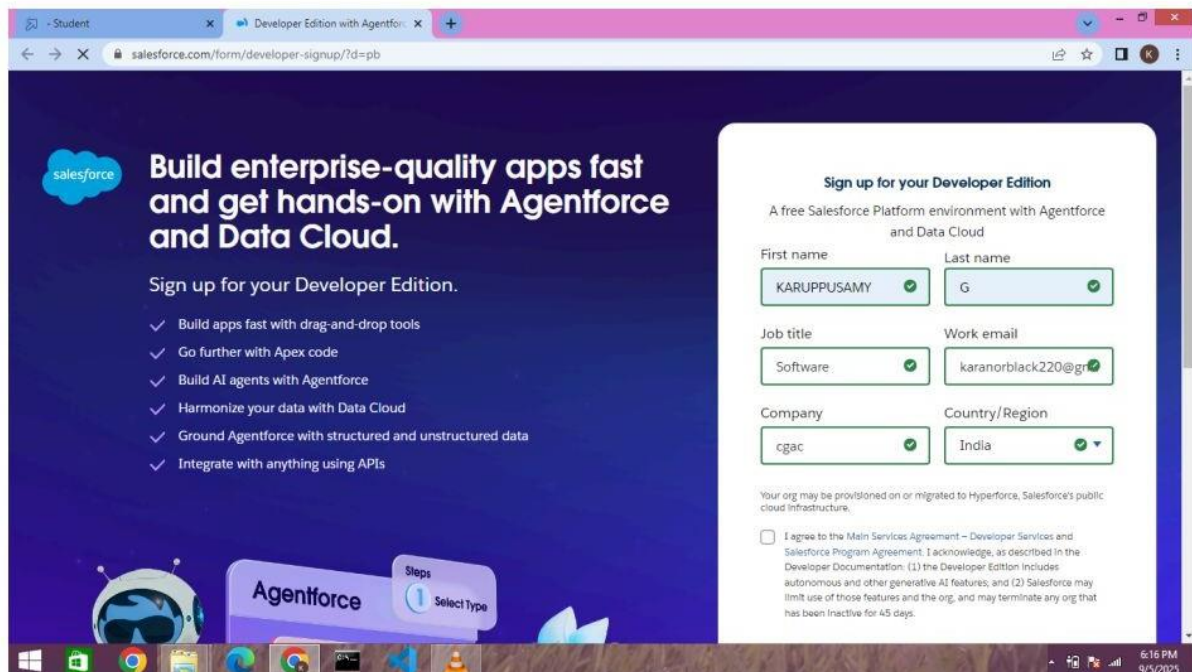
The Medical Inventory Management System is a comprehensive Salesforce application designed to streamline and manage various operational aspects of the medical inventory. It can efficiently maintain supplier details, manage purchase orders, track product details and transactions, and monitor expiry dates of products, thereby improving

operational efficiency, data accuracy, and reporting capabilities.

DEVELOPMENT PHASE

Creating Developer Account:

By using this URL - <https://developer.salesforce.com/signup>



The screenshot shows a web browser window with the URL `salesforce.com/form/developer-signup/?d=pb`. The page has a dark blue header with the Salesforce logo and the text "Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud." Below this, it says "Sign up for your Developer Edition." and lists several benefits with checkmarks:

- ✓ Build apps fast with drag-and-drop tools
- ✓ Go further with Apex code
- ✓ Build AI agents with Agentforce
- ✓ Harmonize your data with Data Cloud
- ✓ Ground Agentforce with structured and unstructured data
- ✓ Integrate with anything using APIs

At the bottom of the header, there is a "Steps" section with a "Select Type" button. The main content area is a white form titled "Sign up for your Developer Edition" with the subtitle "A free Salesforce Platform environment with Agentforce and Data Cloud". The form contains the following fields:

First name	Last name
KARUPPUSAMY	G
Job title	Work email
Software	karanorblack220@gmail.com
Company	Country/Region
cgac	India

Below the form, there is a checkbox for "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."

■ **Creating objects** :Product,Purchase Order, Order Item, Inventory Transaction and Supplier objects.

Product | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wC53/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Product

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Details

Description

API Name
Product__c

Custom
✓

Singular Label
Product

Plural Label
Products

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

https://orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wC53/Details/view

6:19 PM
9/5/2025

Purchase Order | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wD2j/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Purchase Order

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Details

Description

API Name
Purchase_Order__c

Custom
✓

Singular Label
Purchase Order

Plural Label
Purchase Orders

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

javascript:void(0);

6:25 PM
9/5/2025

Student | Order Item | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gl000001w04L/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Order Item

Edit Delete

Details

- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Search Layouts
- List View Button Layout
- Restriction Rules

Details

Description

API Name
Order_Item__c

Custom
✓

Singular Label
Order Item

Plural Label
Order Items

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

6:29 PM 9/5/2025

Student | Inventory Transaction | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gl000001wD7Z/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Inventory Transaction

Edit Delete

Details

- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Search Layouts
- List View Button Layout
- Restriction Rules

Details

Description

API Name
Inventory_Transaction__c

Custom
✓

Singular Label
Inventory Transaction

Plural Label
Inventory Transactions

Enable Reports
✓

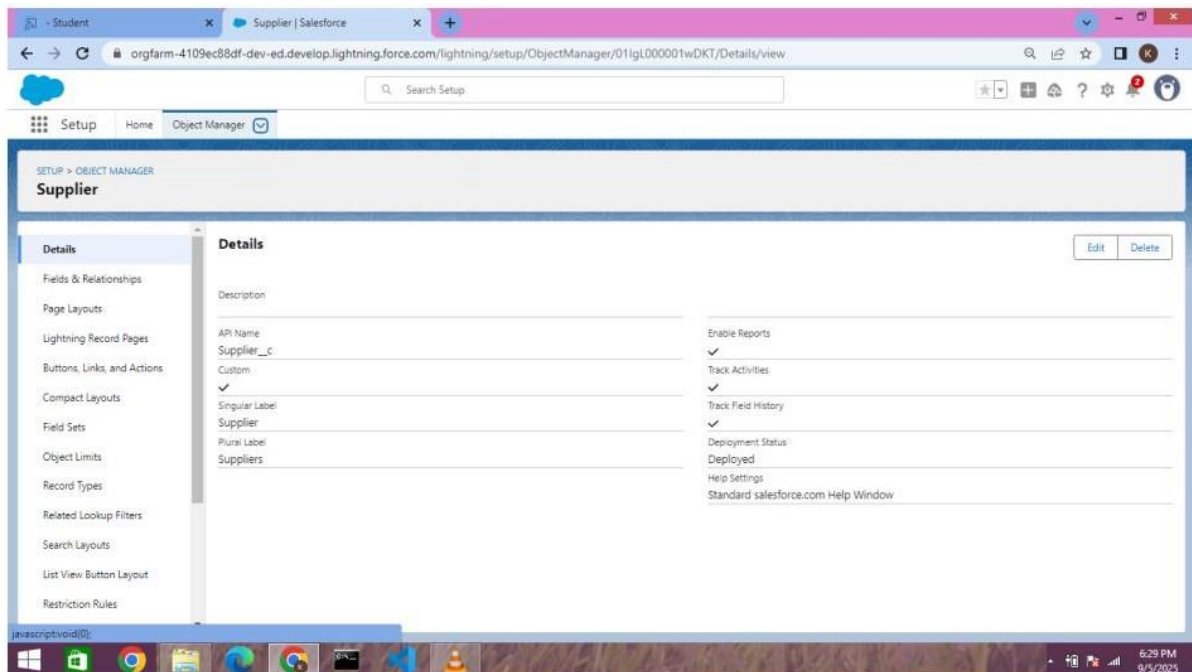
Track Activities

Track Field History

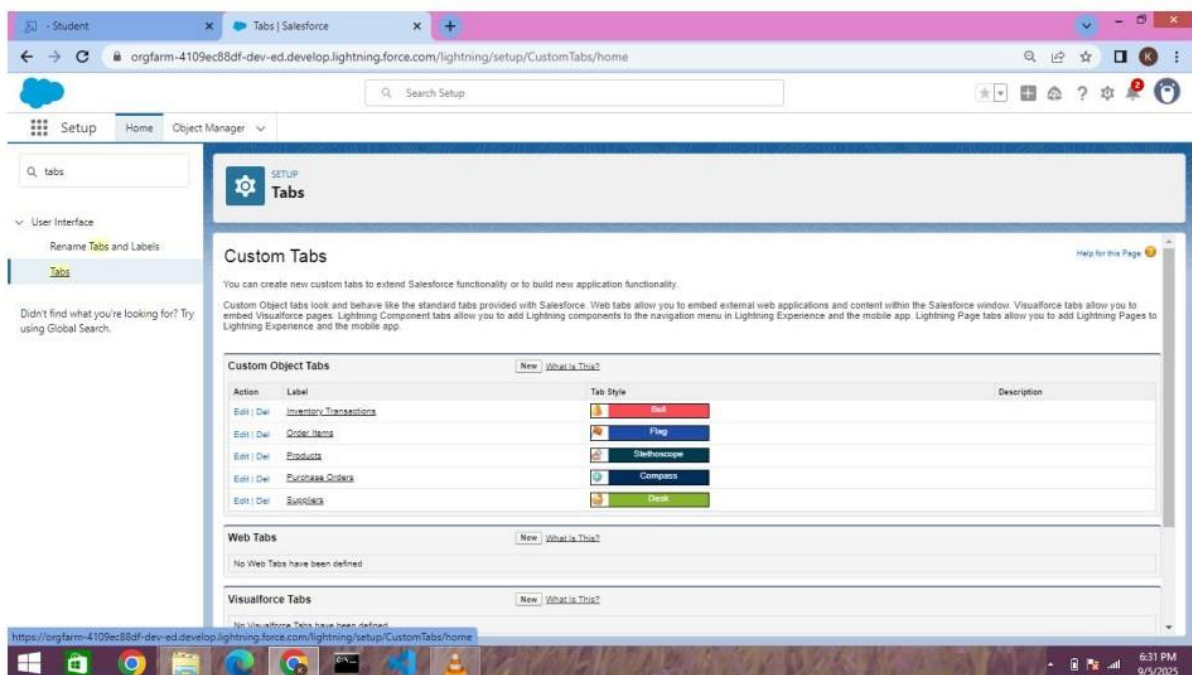
Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

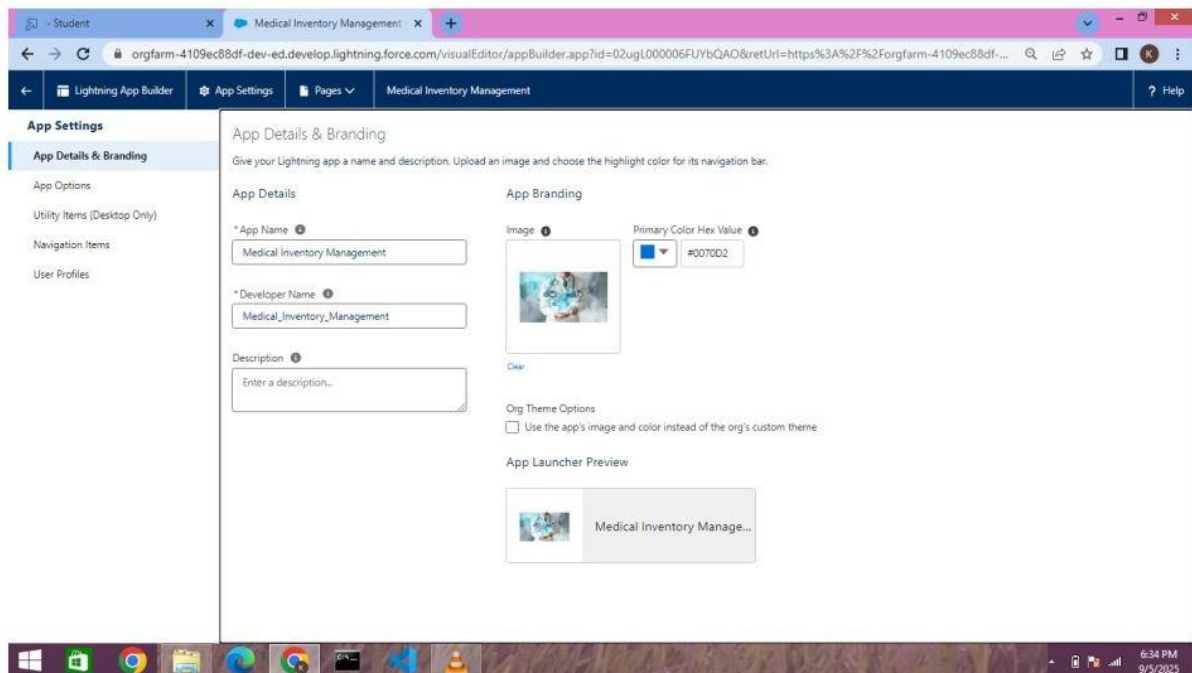
6:29 PM 9/5/2025



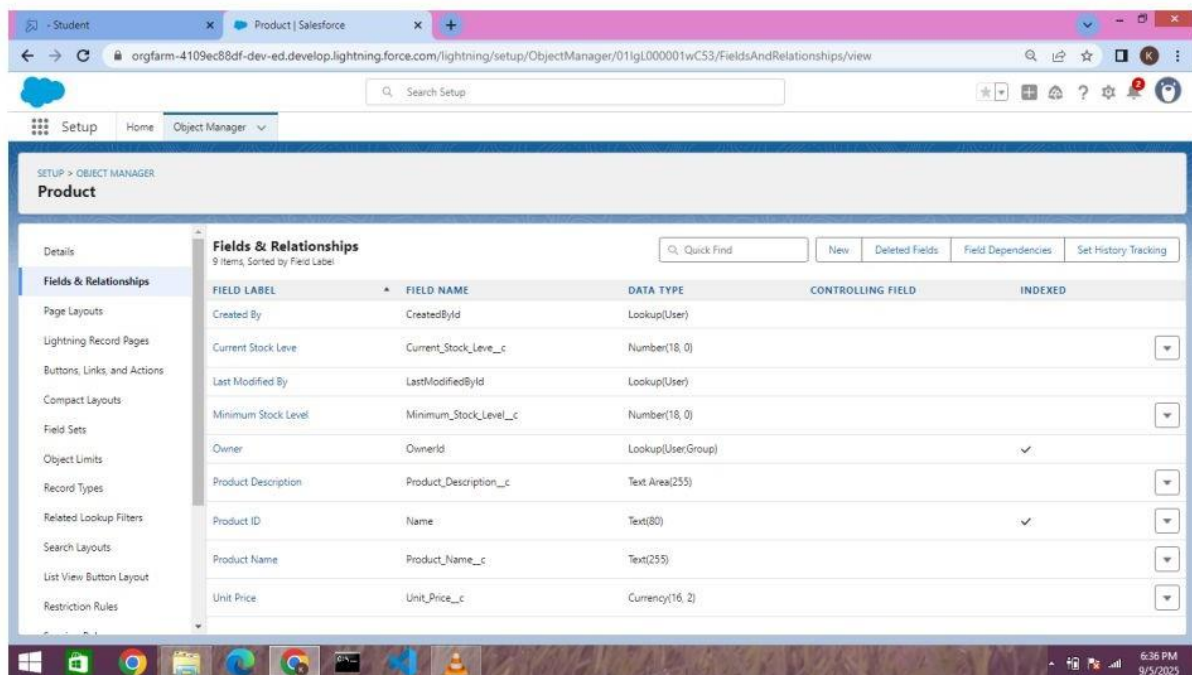
■ Creating A Tab For Object:



.Developed Lightning App:



.configure Fields and relationship



Student | Purchase Order | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wD2j/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Purchase Order

Details

Fields & Relationships
11 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Actual Delivery Date	Actual_Delivery_Date__c	Date		
Created By	CreatedById	Lookup(User)		
Expected Delivery Date	Expected_Delivery_Date__c	Date		
Last Modified By	LastModifiedById	Lookup(User)		
Order Count	Order_Count__c	Roll-Up Summary (COUNT Order Item)		
Order Date	Order_Date__c	Date		
Owner	OwnerId__c	Lookup(User)		✓
Owner	OwnerId	Lookup(User/Group)		✓
Purchase Order ID	Name	Text(80)		✓

Windows Taskbar: 6:37 PM 9/3/2023

Student | Order Item | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wD4L/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Order Item

Details

Fields & Relationships
10 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount	Amount__c	Formula (Currency)		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Order Item ID	Name	Text(80)		✓
Product ID	Product_ID__c	Currency(18, 0)		
Purchase Order ID	Purchase_Order_ID__c	Master-Detail(Purchase Order)		✓
Quantity Ordered	Quantity_Ordered__c	Number(18, 0)		
Quantity Received	Quantity_Received__c	Number(18, 0)		
Unit Price	Unit_Price__c	Currency(16, 2)		

Windows Taskbar: 6:38 PM 9/3/2023

Inventory Transaction | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wD7Z/FieldsAndRelationships/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Inventory Transaction

Details

Fields & Relationships

9 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Inventory Transaction ID	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User/Group)		✓
Purchase Order ID	Purchase_Order_ID__c	Currency(18, 0)		
Total Order Cost	Total_Order_Cost__c	Currency(18, 0)		
Total Order Cost2	Total_Order_Cost2__c	Formula (Currency)		
Transaction Date	Transaction_Date__c	Date		
Transaction Type	Transaction_Type__c	Picklist		

Windows Taskbar: 6:39 PM 9/5/2025

Supplier | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wDKT/Details/view

Setup Home Object Manager

SETUP > OBJECT MANAGER

Supplier

Details

Edit Delete

Description

API Name: Supplier__c

Custom: ✓

Singular Label: Supplier

Plural Label: Suppliers

Enable Reports: ✓

Track Activities: ✓

Track Field History: ✓

Deployment Status: Deployed

Help Settings

Standard salesforce.com Help Window

javascript:void(0)

Windows Taskbar: 6:41 PM 9/5/2025

Developed Of Page Layouts

The screenshot displays the Salesforce Object Manager interface for the 'Product' object. The left sidebar shows the navigation menu with 'Page Layouts' selected. The main area shows the 'Product Detail' layout configuration. The 'Fields' section on the left lists various fields, and the 'Quick Find' search bar is at the top. The 'Product Detail' section shows the layout structure with sections like 'Information', 'System Information', and 'Custom Links'. The 'Mobile Cards' section is also visible at the bottom.

Product Detail

Information (Header visible on edit only)

Product ID	Sample Text	Unit Price	\$123.45
Product Name	Sample Text	Current Stock Level	53,739
Product Description	Sample Text	Minimum Stock Level	35,430
		Owner	Sample Text

System Information (Header visible on edit only)

Created By: Sample Text

Last Modified By: Sample Text

Custom Links (Header visible on edit only)

Mobile Cards (Salesforce mobile only)

The screenshot displays the Salesforce Object Manager interface for the 'Purchase Order' object. The left sidebar shows the navigation menu with 'Page Layouts' selected. The main area shows the 'Purchase Order Detail' layout configuration. The 'Fields' section on the left lists various fields, and the 'Quick Find' search bar is at the top. The 'Purchase Order Detail' section shows the layout structure with sections like 'Information', 'System Information', and 'Custom Links'. The 'Mobile Cards' section is also visible at the bottom.

Purchase Order Detail

Information (Header visible on edit only)

Purchase Order ID	Sample Text	Actual Delivery Date	9/5/2025
Supplier ID	Sample Text	Order Count	30,040
Order Date	9/5/2025	Total Order Cost	\$123.45
Expected Delivery Date	9/5/2025	Owner	Sample Text

System Information (Header visible on edit only)

Created By: Sample Text

Last Modified By: Sample Text

Custom Links (Header visible on edit only)

Mobile Cards (Salesforce mobile only)

Student | Order Item | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wD4L/Pagelayouts/00hgl000006ges1QAA/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Order Item

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Save Quick Save Preview As... Cancel Undo Redo Layout Properties

Fields

Quick Find Field Name

Section Last Modified By Quantity Ordered

Blank Space Order Item ID Quantity Received

Amount Product ID Unit Price

Created By Purchase Order ID Unit Price2

Order Item Detail

Standard Buttons Edit Delete Clone Change Owner Change Record Type Printable View Edit Labels Custom Buttons

Information (Header visible on edit only)

Order Item ID Sample Text Purchase Order ID Sample Text

Amount \$123.45

Product ID \$123.45 Quantity Ordered 15.000

Unit Price2 \$123.45 Quantity Received 45.141

System Information (Header visible on edit only)

Created By SAMPUS.TAGS Last Modified By SAMPUS.TAGS

Custom Links (Header visible on edit only)

Student | Inventory Transaction | Salesforce

orgfarm-4109ec88df-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/011gL000001wD7Z/Pagelayouts/00hgl000006gewQAA/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Inventory Transaction

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Restriction Rules

Save Quick Save Preview As... Cancel Undo Redo Layout Properties

Fields

Quick Find Field Name

Section Last Modified By Total Order Cost2

Blank Space Owner Transaction Date

Created By Purchase Order ID Transaction Type

Inventory Transac... Total Order Cost

Quick Actions in the Salesforce Classic Publisher section, and have saved the layout, then this section inherits that set of actions by default when you click to override.

Inventory Transaction Detail

Standard Buttons Edit Delete Clone Change Owner Change Record Type Printable View Sharing Sharing Hierarchy Edit Labels Custom Buttons

Information (Header visible on edit only)

Inventory Transaction ID Sample Text Owner SAMPUS.TAGS

Purchase Order ID \$123.45

Transaction Type Sample Text

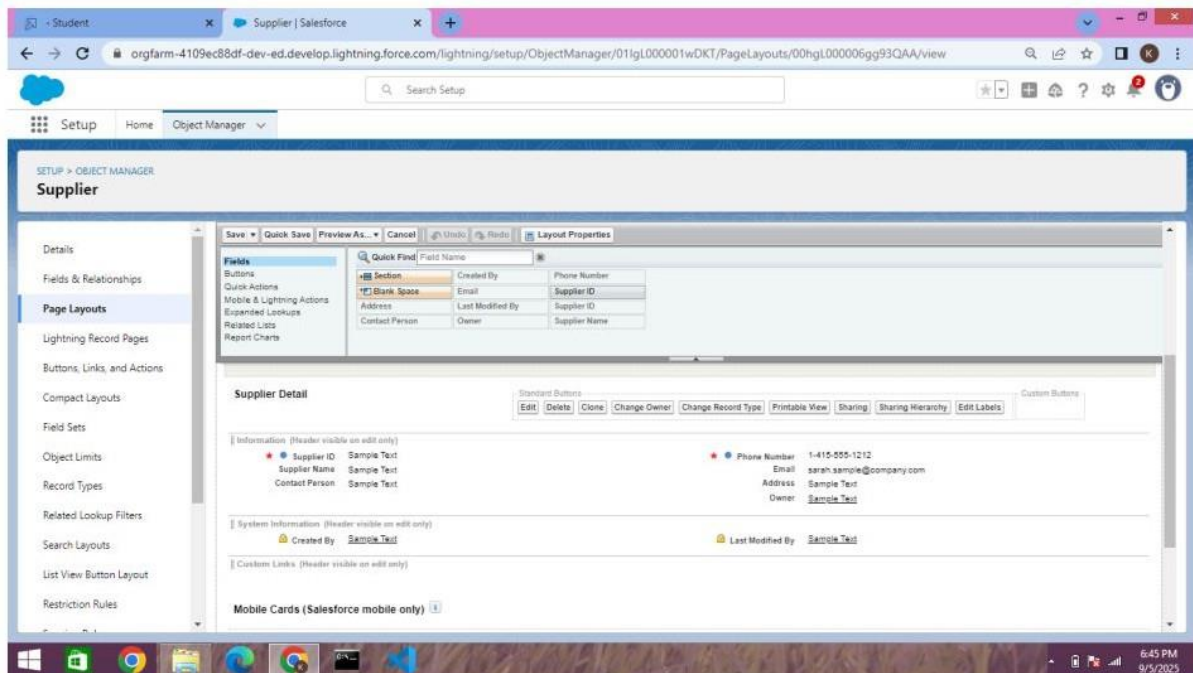
Transaction Date 9/5/2025

Total Order Cost2 \$123.45

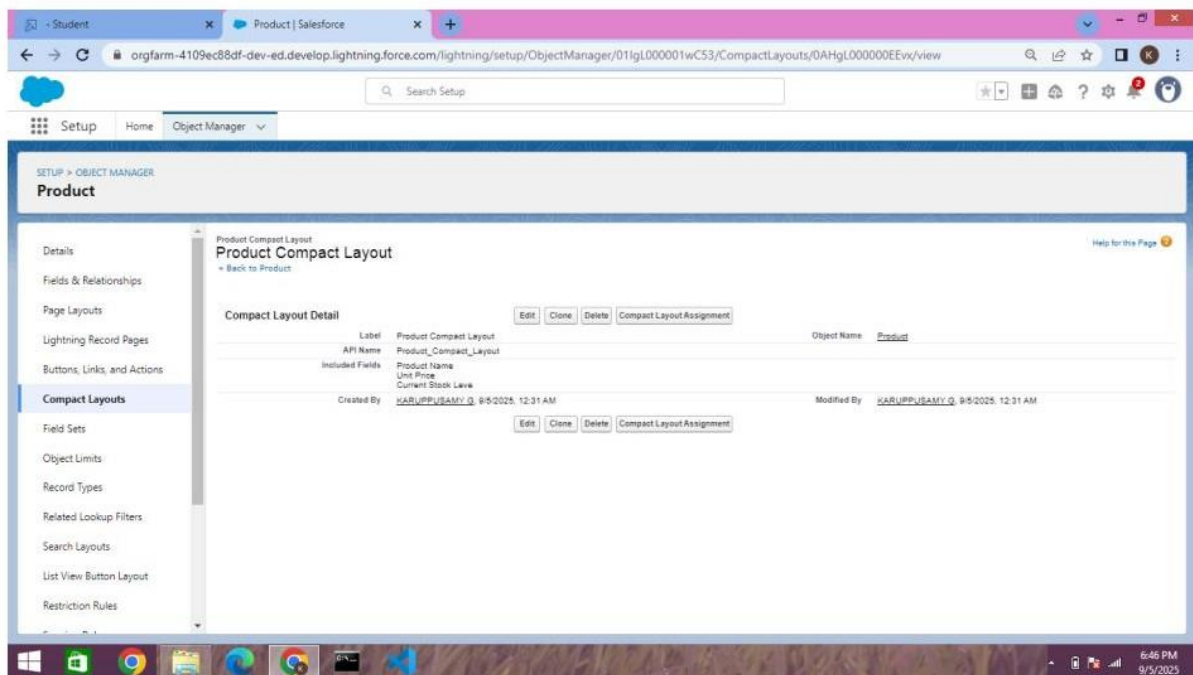
System Information (Header visible on edit only)

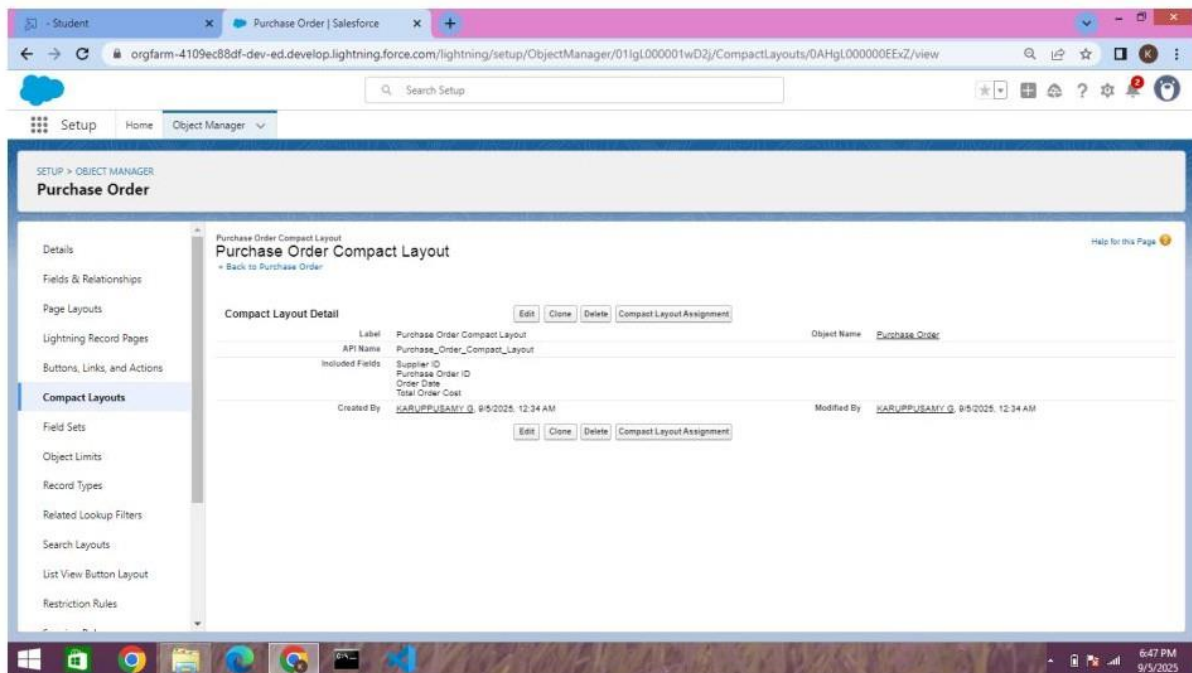
Created By SAMPUS.TAGS Last Modified By SAMPUS.TAGS

Custom Links (Header visible on edit only)

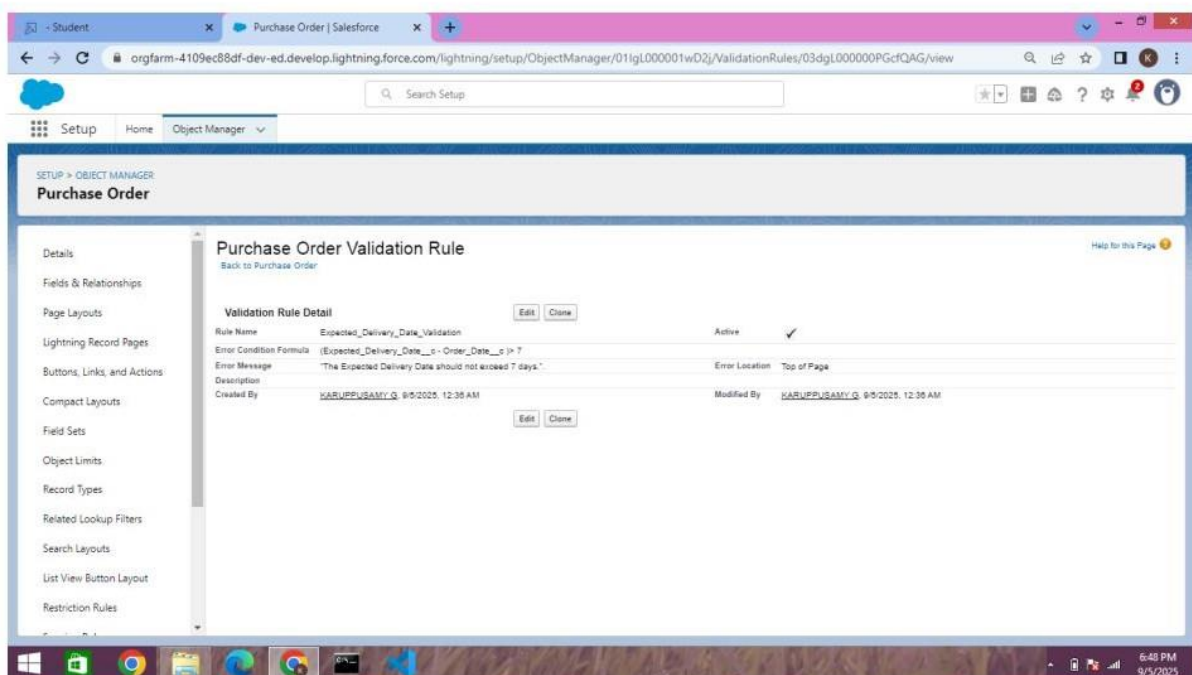


.Developed Compact Layouts:

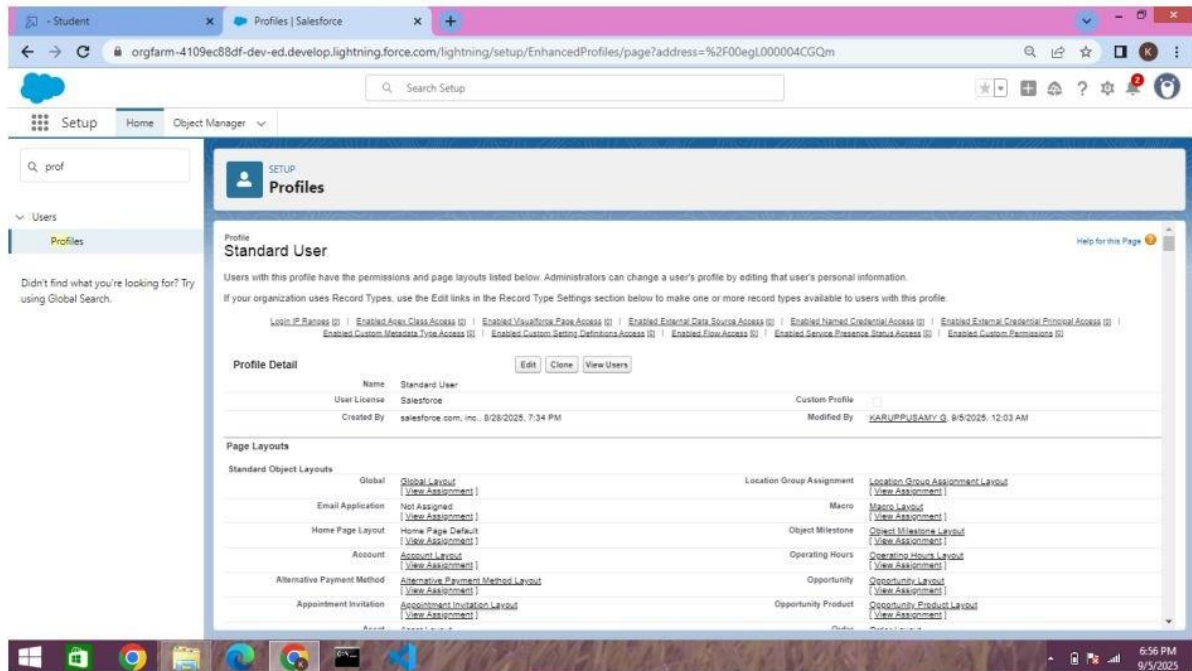




To Create An Expected Delivery Date Validation Rule To A Employee Object:



.To create Profiles



The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The left sidebar contains a search bar with 'prof' and a list of navigation items: 'Users' and 'Profiles'. The main content area is titled 'Profiles' and shows the 'Standard User' profile. It includes a 'Profile Detail' section with fields for Name, User License, Created By, and Modified By. Below this is a 'Page Layouts' section with a table of assignments for various objects like Global, Email Application, Home Page Layout, Account, Alternative Payment Method, and Appointment Invitation. The table lists the assigned layout and a link to 'View Assignment'.

Profile: Standard User

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

World IP Ranges (0) | Enabled Apex Class Access (0) | Enabled Visualforce Page Access (0) | Enabled External Data Source Access (0) | Enabled Named Credential Access (0) | Enabled External Credential Protocol Access (0) | Enabled Custom Metadata Type Access (0) | Enabled Custom Setting Definition Access (0) | Enabled Flow Access (0) | Enabled Service Presence Status Access (0) | Enabled Custom Permissions (0)

Profile Detail

Name: Standard User

User License: Salesforce

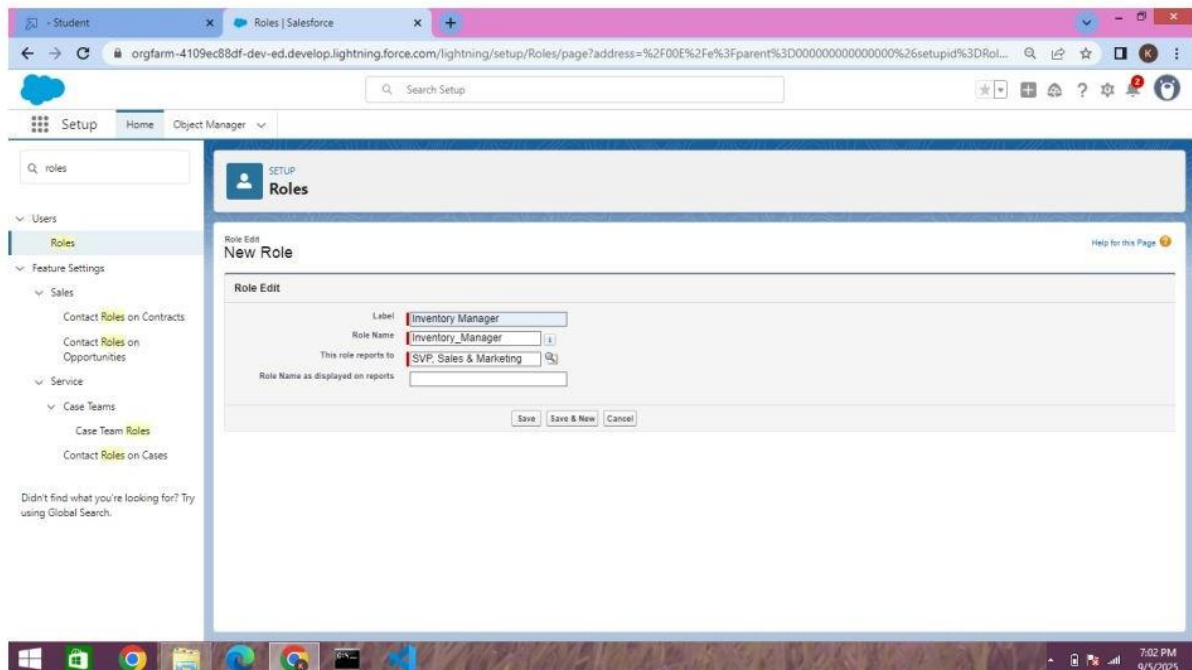
Created By: salesforce.com, inc. 8/28/2025, 7:34 PM

Modified By: KARUPPUSAMY 8/5/2025, 12:03 AM

Page Layouts

Standard Object Layouts	Global	Location Group Assignment	Location Group Assignment Layout
Email Application	Not Assigned (View Assignment)	Macro	Macro Layout (View Assignment)
Home Page Layout	Home Page Default (View Assignment)	Object Milestone	Object Milestone Layout (View Assignment)
Account	Account Layout (View Assignment)	Operating Hours	Operating Hours Layout (View Assignment)
Alternative Payment Method	Alternative Payment Method Layout (View Assignment)	Opportunity	Opportunity Layout (View Assignment)
Appointment Invitation	Appointment Invitation Layout (View Assignment)	Opportunity Product	Opportunity Product Layout (View Assignment)

.Roles



The screenshot shows the Salesforce Setup interface for the 'Roles' section. The left sidebar contains a search bar with 'roles' and a list of navigation items: 'Users', 'Roles', 'Feature Settings', 'Sales', 'Service', and 'Case Teams'. The main content area is titled 'Roles' and shows the 'New Role' form. The form has fields for 'Label', 'Role Name', 'This role reports to', and 'Role Name as displayed on reports'. The 'Label' field is set to 'Inventory Manager', 'Role Name' is 'Inventory_Manager', and 'This role reports to' is 'SVP: Sales & Marketing'. There are 'Save', 'Save & New', and 'Cancel' buttons at the bottom.

Role Edit

New Role

Role Edit

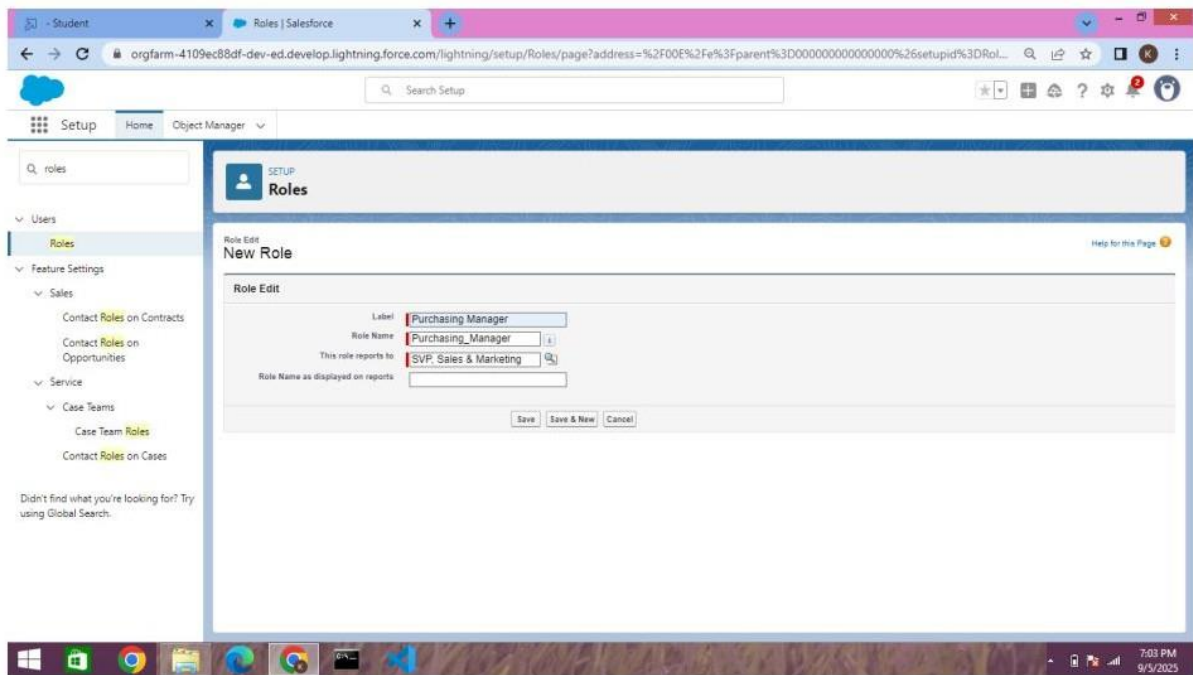
Label: Inventory Manager

Role Name: Inventory_Manager

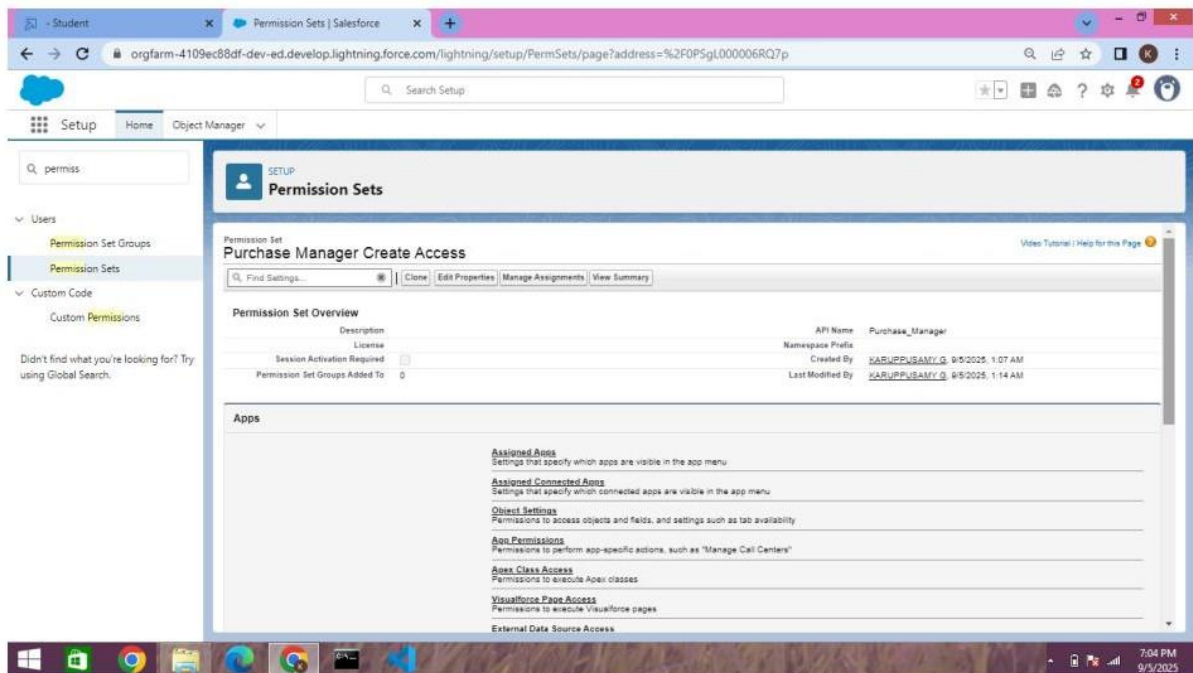
This role reports to: SVP: Sales & Marketing

Role Name as displayed on reports:

Save Save & New Cancel



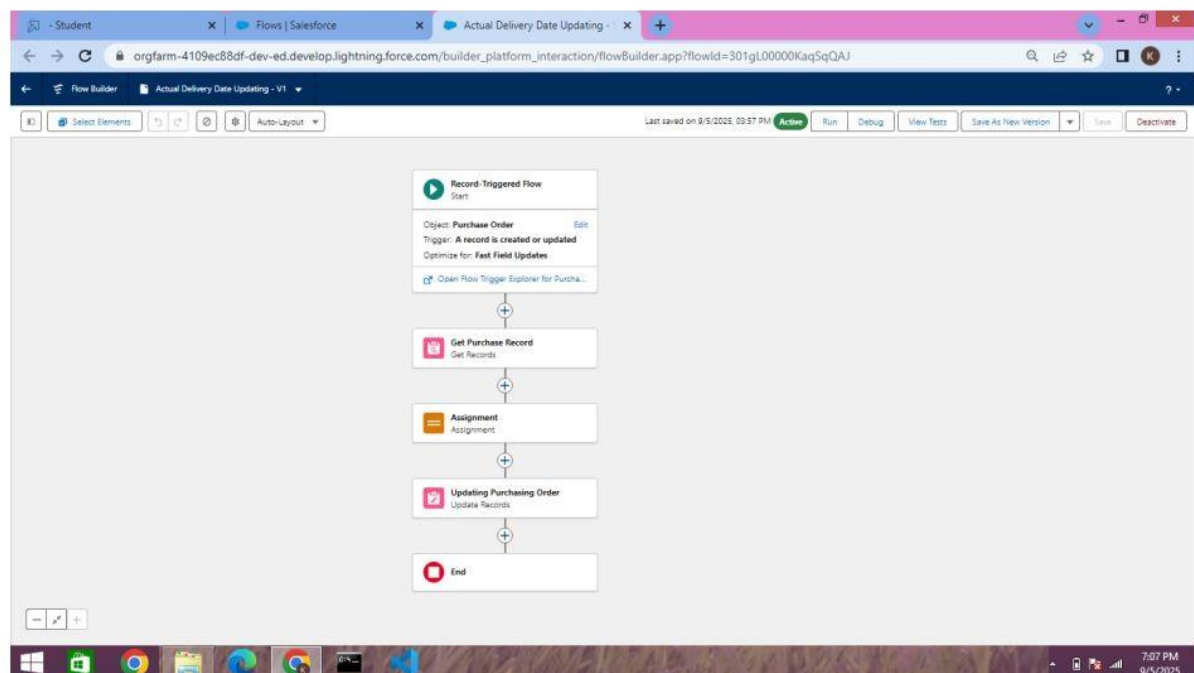
.Create A Permission Set:



.Create Flow To Update The Actual Delivery Date

The screenshot shows the Salesforce Setup interface. The left sidebar contains navigation links such as Setup Home, Salesforce Go, Service Setup Assistant, Commerce Setup Assistant, Field Service Setup Home (Beta), Hyperforce Assistant, Release Updates, Salesforce Mobile App, Lightning Usage, Optimizer, Sales Cloud Everywhere, and ADMINISTRATION (Users, Data, Email). The main content area is titled 'SETUP Flows' and includes a 'Flow Trigger Explorer' button and a 'New Flow' button. Below this, the 'Flow Definitions' section shows a list of 50+ items, sorted by Flow Label, filtered by All flow definitions, and updated a few seconds ago. The list includes the following flows:

Flow Label	Process Type	A...	Te...	Package State	P...	Last Modifi...	Last Modifie...
Actual Delivery Date Updating	Autolaunched Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unmanaged		KARUPPUSAMY G	9/5/2025, 1:57 A...
Add or Modify Service Appointment Atten...	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Managed-Installed			
Approvals Workflow: Evaluate Approval Re...	Screen Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Approvals Workflow: Process Approval Su...	Screen Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Authentication Provider User Registration	Identity User Registration FI...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Basic Approval Request	Flow Orchestration for CMS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Book Appointment from Invitation	Salesforce Scheduler Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Cancel Item Flow	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Change Case Owner to Incident Owner	Screen Flow	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			
Chats Routed to Agents and Queues	Omni-Channel Flow	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Managed-Installed			



.Create A Trigger To Calculate Total Amount On Order Item

```
trigger CalculateTotalAmountTrigger on Order_Item__c  
(after insert, after update, after delete, after undelete) {  
    // Call the handler class to handle the logic
```

```
    CalculateTotalAmountHandler.calculateTotal(trigger.new,  
        trigger.old, trigger.isInsert, trigger.isUpdate,  
        trigger.isDelete, trigger.isUndelete);  
}
```

.CalculateTotalAmountHandler

```
public class CalculateTotalAmountHandler {  
  
    // Method to calculate the total amount for Purchase  
    Orders based on related Order Items  
    public static void calculateTotal(List<Order_Item__c>  
        newListItems, List<Order_Item__c> oldItems, Boolean isInsert,  
        Boolean isUpdate, Boolean isDelete, Boolean isUndelete) {  
  
        // Collect Purchase Order IDs affected by changes in  
        Order_Item__c records  
        Set<Id> parentIds = new Set<Id>();
```



```

// For insert, update, and undelete scenarios
if (isInsert || isUpdate || isUndelete) {
    for (Order_Item__c ordItem : newItems) {
        parentIds.add(ordItem.Purchase_Order_Id__c);
    }
}

// For update and delete scenarios
if (isUpdate || isDelete) {
    for (Order_Item__c ordItem : oldItems) {
        parentIds.add(ordItem.Purchase_Order_Id__c);
    }
}

// Calculate the total amounts for affected Purchase
Orders
    Map<Id, Decimal> purchaseToUpdateMap = new
Map<Id, Decimal>();

    if (!parentIds.isEmpty()) {
        // Perform an aggregate query to sum the
Amount__c for each Purchase Order
        List<AggregateResult> aggrList = [
            SELECT Purchase_Order_Id__c, SUM(Amount__c)
totalAmount
            FROM Order_Item__c
            WHERE Purchase_Order_Id__c IN :parentIds
            GROUP BY Purchase_Order_Id__c
        ];

```

```

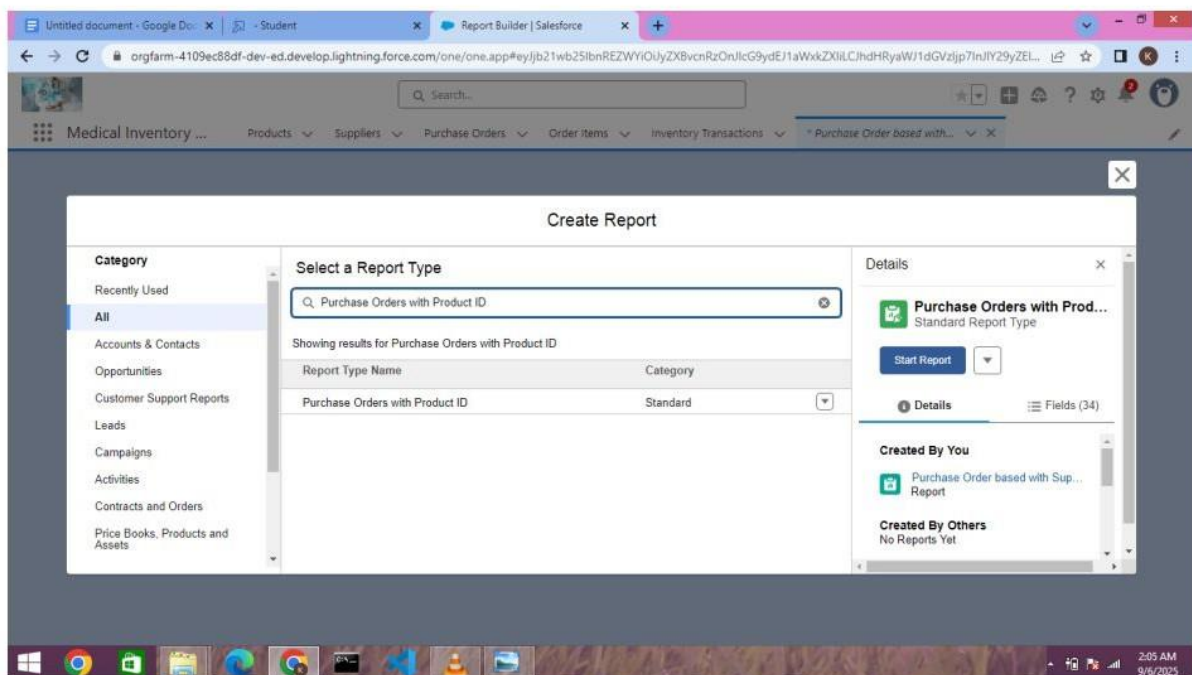
        // Map the result to Purchase Order IDs
        for (AggregateResult aggr : aggrList) {
            Id purchaseOrderId =
            (Id)aggr.get('Purchase_Order_Id__c');
            Decimal totalAmount =
            (Decimal)aggr.get('totalAmount');
            purchaseToUpdateMap.put(purchaseOrderId,
            totalAmount);
        }

        // Prepare Purchase Order records for update
        List<Purchase_Order__c> purchaseToUpdate = new
        List<Purchase_Order__c>();
        for (Id purchaseOrderId :
        purchaseToUpdateMap.keySet()) {
            Purchase_Order__c purchaseOrder = new
            Purchase_Order__c(Id = purchaseOrderId,
            Total_Order_cost__c =
            purchaseToUpdateMap.get(purchaseOrderId));
            purchaseToUpdate.add(purchaseOrder);
        }

        // Update Purchase Orders if there are any changes
        if (!purchaseToUpdate.isEmpty()) {
            update purchaseToUpdate;
        }
    }
}

```

.Create A Purchase Orders Based On Suppliers(Summary) Report:



Medical Inventory ... Products Suppliers Purchase Orders Order Items Inventory Transactions Reports

Reports

Recent

2 items

Search recent reports...

New Report New Folder

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Purchase Order based with Suppliers		Private Reports	KARUPPUSAMY G	9/5/2025, 5:33 AM	
Created by Me	New Purchase Orders Report		Private Reports	KARUPPUSAMY G	9/5/2025, 2:47 AM	
Private Reports						
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

2:03 AM 9/5/2025

Medical Inventory ... Products Suppliers Purchase Orders Order Items Inventory Transactions Reports Recent | Reports

REPORT

New Report Purchase Orders with Product ID

Add Chart Save & Run Save Close Run

To see the latest edits, refresh the preview. Refresh

Update Preview Automatically

GROUP ROWS

- Supplier ID X
- Actual Delivery Date X
- Purchase Order: Purchase Ord X

GROUP COLUMNS

Columns

Add column...

- Product ID: Product ID X
- Product ID: Product Name X
- # Order Count X
- Quantity Received X
- Amount X

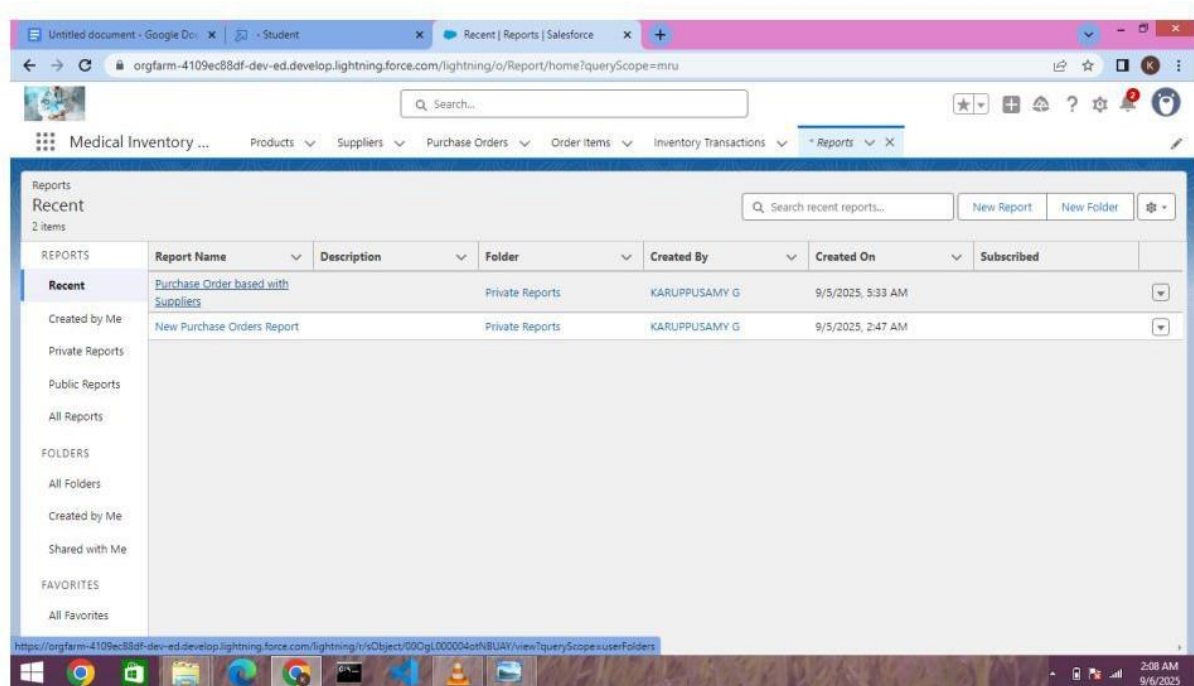
Purchase Order: Purchase Order ID Product ID: Product Name

No records returned in preview. Try running the report or editing report filters.

- Show All purchase orders.
- Edit other filters in the filter panel.

Row Counts Detail Rows Subtotals Grand Total

7:33 PM 9/5/2025



CONCLUSION:

The Medical Inventory Management System in Salesforce helps to easily manage suppliers, purchase orders, products, and expiry dates. By using objects, fields, page layouts, validation rules, flows, and triggers, the system ensures smooth operations and accurate data handling. With profiles, roles, and permission sets, data security is also maintained. Reports and dashboards give a clear view of stock levels, supplier performance, and transactions.

This project gives practical knowledge of Salesforce concepts like object creation, security, automation, and reporting. It shows how Salesforce can be used not only as a CRM tool but also as a complete solution for managing real-world business needs such as medical inventory.