

MEDICAL INVENTORY MANAGEMENT

COLLEGE NAME: CHIKKANNA GOVERNMENT ARTS COLLEGE,TIRUPUR

COLLEGE CODE: Bru06

TEAM ID :NM2025TMID26167

TEAM MEMBERS: 4

TEAM LEADER: DINESH KUMAR S

EMAIL: dineshlogesh7449@gmail.com

TEAM MEMBER: ADHARSH S

EMAIL: adharshdurvadevan@gmail.com

TEAM MEMBER: LAVANYA S

EMAIL: Kuttakottu2006@gmail.com

TEAM MEMBER: SARAVANAN T

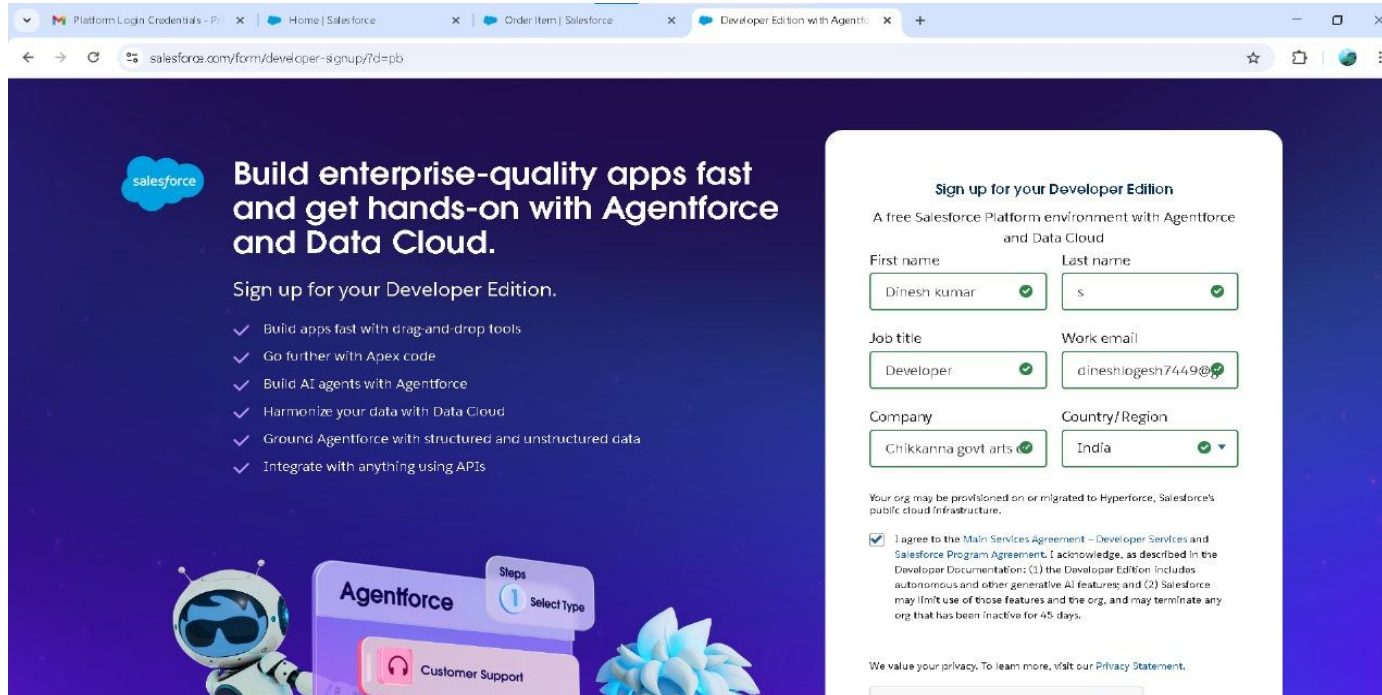
EMAIL: ssaravanan52508@gmail.com

- **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 development 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 background 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 five benefits: "Build apps fast with drag-and-drop tools", "Go further with Apex code", "Build AI agents with Agentforce", "Harmonize your data with Data Cloud", and "Ground Agentforce with structured and unstructured data". At the bottom left, there is an illustration of a robot and a "Customer Support" button. On the right, there 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 several input fields: "First name" (Dinesh kumar), "Last name" (s), "Job title" (Developer), "Work email" (dineshioresh7449@gmail.com), "Company" (Chikkanna govt arts), and "Country/Region" (India). Below the form, there is a checkbox for "I agree to the Main Services Agreement - Developer Services and Salesforce Program Agreement" and a link to the "Privacy Statement".

Platform Login Credentials - P... x Home | Salesforce x Order Item | Salesforce x Developer Edition with Agentf... x +

← → ↻ 📄 salesforce.com/form/developer-signup?d=pb ☆ 📁 🌐 ⋮

Build enterprise-quality apps fast and get hands-on with Agentforce and Data Cloud.

Sign up for your Developer Edition.

- ✓ 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

Sign up for your Developer Edition
A free Salesforce Platform environment with Agentforce and Data Cloud

First name: Dinesh kumar ✓ Last name: s ✓

Job title: Developer ✓ Work email: dineshioresh7449@gmail.com ✓

Company: Chikkanna govt arts ✓ 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.

- **Creating objects: product, purchase order, order item, inventory transaction, supplier objects.**


The screenshot shows the Salesforce Setup interface in a web browser. The browser's address bar displays the URL: `orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021v8B8/Details/view`. The page title is "Setup" with a sub-tab for "Object Manager". The main content area is titled "Product" and shows the "Details" section. On the left, a sidebar lists various setup options: 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, and Scoping Rules. The "Details" section on the right contains the following information:

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








Buttons for "Edit" and "Delete" are located in the top right corner of the details section.

Platform Login Credentials - Pri x Home | Salesforce x Purchase Order | Salesforce x - Student x +

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vfp/Details/View



Search Setup



Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Purchase Order

EditDelete

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

Scoping 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

Order Item | Salesforce

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vhR/Details/view

Setup

Home

Object Manager

Search Setup

Star

Plus

Alert

Help

Settings

2

Profile

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

Scoping 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

Edit

Delete

Platform Login Credentials - Pri...Home | SalesforceInventory Transaction | SalesforceStudent

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vj3/Details/view

Search Setup

SetupHomeObject 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

Scoping 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

Edit

Delete

Platform Login Credentials - Pri...Home | SalesforceSupplier | Salesforce- Student

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021ury/Details/view



Setup

HomeObject Manager

SETUP > OBJECT MANAGER

Supplier

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

Scoping Rules

Details

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

Edit

Delete

● Creating a tab for object:

The screenshot shows the Salesforce Setup interface for Custom Tabs. The browser address bar displays the URL: `orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home`. The left sidebar contains the Setup menu with 'Home' and 'Object Manager' visible. The main content area is titled 'Custom Tabs' and includes a search bar, a 'Setup Tabs' button, and a 'Help for this Page' link. Below the header, there is a section for 'Custom Object Tabs' with a 'New' button and a 'What Is This?' link. This section contains a table with columns for 'Action', 'Label', 'Tab Style', and 'Description'. The table lists five tabs: 'Inventory Transactions' (Credit card style), 'Order Items' (Card style), 'Products' (Ball style), 'Purchase Orders' (Ball style), and 'Suppliers' (Ball style). Below this table, there are sections for 'Web Tabs' and 'Visualforce Tabs', both indicating that no tabs have been defined.

Platform Login Credentials - Pri x Home | Salesforce x Tabs | Salesforce x Student x +

orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

Search Setup

Setup Home Object Manager

tabs

User Interface

Rename Tabs and Labels

Tabs

Didn't find what you're looking for? Try using Global Search.

Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs

New What Is This?

Action	Label	Tab Style	Description
Edit Del	Inventory Transactions	Credit card	
Edit Del	Order Items	Card	
Edit Del	Products	Ball	
Edit Del	Purchase Orders	Ball	
Edit Del	Suppliers	Ball	

Web Tabs

No Web Tabs have been defined

New What Is This?

Visualforce Tabs

No Visualforce Tabs have been defined

https://orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home

● Developed Lightning app:

Platform Login Credentials - Pr | Home | Salesforce | Medical Inventory Management | Student

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/VisualEditor/appBuilder.app?id=02ugK0000006Dwp7QAC&retUrl=https%3A%2F%2Forgfarm-5a6e2463d6-dev-ed.develop.lightnin...

Lightning App Builder | App Settings | Pages | Medical Inventory Management | ? Help

App Settings

- App Details & Branding
- App Options
- Utility Items (Desktop Only)
- Navigation Items
- User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.


App Details

* App Name ⓘ
Medical Inventory Management

* Developer Name ⓘ
Medical_Inventory_Management

Description ⓘ
Enter a description...


App Branding

Image ⓘ

Clear

Primary Color Hex Value ⓘ
#2E5ECE

Org Theme Options
☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview

 Medical Inventory Manage...

- **Configure fields and relationship:**

The screenshot shows the Salesforce Setup interface. The browser tabs include 'Platform Login Credentials - Pri...', 'Home | Salesforce', 'Product | Salesforce', and '- Student'. The address bar shows the URL: 'orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021v8B/FieldsAndRelationships/view'. The Salesforce logo and a search bar are at the top. The navigation menu on the left includes 'Setup', 'Home', and 'Object Manager'. The main content area is titled 'SETUP > OBJECT MANAGER' and 'Product'. Below this, there's a sidebar with 'Details' and 'Fields & Relationships' (selected). The 'Fields & Relationships' section shows '9 Items, Sorted by Field Label'. A table lists the fields with columns: FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The table contains 9 rows of field information. At the top right of the table area, there are buttons for 'Quick Find', 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Current Stock Level	Current_Stock_Level__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Minimum Stock Level	Minimum_Stock_Level__c	Number(18, 0)		
Owner	OwnerId	Lookup(User, Group)		✓
Product Description	Product_Description__c	Text Area(255)		
Product ID	Name	Text(80)		✓
Product Name	Product_Name__c	Text(255)		
Unit Price	Unit_Price__c	Currency(16, 2)		

Platform Login Credentials - Pri...Home | SalesforcePurchase Order | SalesforceStudent

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vfp/FieldsAndRelationships/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

Purchase Order

DetailsFields & RelationshipsPage LayoutsLightning Record PagesButtons, Links, and ActionsCompact LayoutsField SetsObject LimitsRecord TypesRelated Lookup FiltersSearch LayoutsList View Button LayoutRestriction RulesScoping Rules

Fields & Relationships

16 Items, Sorted by Field Label

Quick FindNewDeleted FieldsField DependenciesSet History Tracking

Order Date	Order_Date__c	Date		
Owner	OwnerId	Lookup(User,Group)	✓	
Product ID	Product_ID__c	Lookup(Product)	✓	
Product ID	name__c	Text(18)		
Purchase Order	Purchase_Order__c	Lookup(Purchase Order)	✓	
Purchase Order ID	Purchase_Order_ID__c	Text(18)		
Purchase Order ID	Name	Text(80)	✓	
Quantity Received	Quantity_Received__c	Lookup(Product)	✓	
Supplier ID	Supplier_ID__c	Lookup(Supplier)	✓	
Total Order Cost	Total_Order_Cost__c	Currency(16, 2)		

Platform Login Credentials - Pri...Home | SalesforceOrder Item | SalesforceStudent

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vhr/FieldsAndRelationships/view

Setup

HomeObject 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

Scoping Rules

Fields & Relationships

12 Items, Sorted by Field Label

Quick Find

NewDeleted FieldsField DependenciesSet History Tracking

Created By	CreatedById	Lookup(User)	
Last Modified By	LastModifiedById	Lookup(User)	
Order Item ID	Name	Text(80)	✓
Product2Id	Product2Id__c	Text(18)	
Product_ID	Product_ID__c	Currency(18, 0)	
Product_ID__c	Product_ID__c__c	Formula (Text)	
Purchase Order	Purchase_Order__c	Master-Detail(Purchase Order)	✓
Quantity Ordered	Quantity_Ordered__c	Number(18, 0)	
Quantity Received	Quantity_Received__c	Currency(18, 0)	
Unit Price	Unit_Price__c	Currency(18, 0)	

Platform Login Credentials - Pri...Home | SalesforceInventory Transaction | SalesforceStudent

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vj3/FieldsAndRelationships/view

Search Setup

SetupHomeObject 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

Scoping Rules

Fields & Relationships

9 Items, Sorted by Field Label

Quick Find

NewDeleted FieldsField DependenciesSet 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(16,0)		
Total Order Cost	Total_Order_Cost__c	Formula (Currency)		
Total_Order_Cost__c	Total_Order_Cost__c_c	Currency(18,0)		
Transaction Date	Transaction_Date__c	Date		
Transaction Type	Transaction_Type__c	Picklist		

Platform Login Credentials - Pri x Home | Sales force x Supplier | Sales force x - Student x +

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021urg/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Supplier

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

Scoping Rules

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
Address	Address__c	Text Area(255)		
Contact Person	Contact_Person__c	Text(18)		
Created By	CreatedById	Lookup(User)		
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Phone Number	Phone_Number__c	Phone		
Supplier ID	Name	Text(80)		✓
Supplier Name	Supplier_Name__c	Text(18)		

● Developed page layouts:

The screenshot shows the Salesforce Setup interface for the Product Manager. The left sidebar contains a navigation menu with the following items: Details, Fields & Relationships, Page Layouts (selected), 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, and Scoping Rules.

The main content area is titled "Product" and shows the "Page Layouts" configuration for the Product object. The "Page Layouts" section is expanded, showing a list of fields and their associated page layouts. The fields listed are: Section, Blank Space, Created By, Current Stock Level, Last Modified By, Minimum Stock Level, Product ID, Product Name, Unit Price, and Product Description.

The "Product Detail" page layout is shown, featuring a header with "Standard Buttons" (Edit, Delete, Clone, Change Owner, Change Record Type, Printable View, Sharing, Sharing Hierarchy, Edit Labels) and "Custom Buttons". The layout includes several sections:

- Information (Header visible on edit only)**: A table with fields and their values.

Field	Value
Product ID	Sample Text
Product Name	Sample Text
Product Description	Sample Text
Unit Price	\$123.45
Current Stock Level	85,475
Minimum Stock Level	2,116
Owner	Sample Text
- System Information (Header visible on edit only)**: A table with fields and their values.

Field	Value
Created By	Sample Text
Last Modified By	Sample Text
- Custom Links (Header visible on edit only)**: A section for custom links.
- Mobile Cards (Salesforce mobile only)**: A section for mobile cards.

Platform Login Credentials - Pri...Home | SalesforcePurchase Order | Salesforce- Student

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vip/PageLayouts/00hgK000006skSDQAY/view

SetupHomeObject Manager

SETUP > OBJECT MANAGER

Purchase Order

DetailsFields & RelationshipsPage LayoutsLightning Record PagesButtons, Links, and ActionsCompact LayoutsField SetsObject LimitsRecord TypesRelated Lookup FiltersSearch LayoutsList View Button LayoutRestriction RulesScoping Rules

SaveQuick SavePreview As...CancelUndoRedoLayout Properties

Quick Find

Field Name

Section

Created By

Order Date

Purchase Order

Supplier ID

Blank Space

Expected Delivery...

Owner

Purchase Order ID

Total Order Cost

Actual Delivery Date

Last Modified By

Product ID

Purchase Order ID

Amount

Order Count

Product ID

Quantity Received

Purchase Order Detail

Standard ButtonsEditDeleteCloneChange OwnerChange Record TypePrintable ViewSharingSharing HierarchyEdit LabelsCustom Buttons

Information (Header visible on edit only)

Purchase Order ID

Sample Text

Supplier ID

Sample Text

Order Date

9/6/2025

Expected Delivery Date

9/6/2025

Purchase Order ID

Sample Text

Product ID

Sample Text

Product ID

Sample Text

Quantity Received

Sample Text

Amount

Sample Text

Actual Delivery Date

9/6/2025

Order Count

47,310

Total Order Cost

\$123.45

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)

▼

Hurray! Your Team Has Success

×

Home | Salesforce

×

Order Item | Salesforce

×

Recent | Dashboards | Salesforce

×

- Student

×

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← → ↺

orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vhR2/Pagelayouts/00hgK0000006skTpOAi/view


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🔔

👤

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

Scoping Rules

Save

Quick Save

Preview As...

Cancel

↶ Undo

↷ Redo

Layout Properties

Fields

Buttons

Quick Actions

Mobile & Lightning Actions

Expanded Lookups

Related Lists

Report Charts

Quick Find

Field Name

✖

Section

Last Modified By

Product2Id

Unit Price

Blank Space

Order Item ID

Purchase Order

Unit Price2

Amount

Product_ID

Quantity_Received

Created By

Product_ID__c

Quantity Ordered

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

Sample Text

🏠

Amount

\$123.45

Quantity Ordered

77,319

Product_ID

\$123.45

Quantity_Received

\$123.45

★

●

Unit Price

\$123.45

Product2Id

Sample Text

🏠

Product_ID__c

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) ⓘ

Platform Login Credentials - Pri x Home | Sales force Inventory Transaction | Salesfor x - Student

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vj3/PageLayouts/00hgK000006skaHQAQ/view

Setup Home Object Manager

Setup

Inventory Transaction

DetailsFields & RelationshipsPage LayoutsLightning Record PagesButtons, Links, and ActionsCompact LayoutsField SetsObject LimitsRecord TypesRelated Lookup FiltersSearch LayoutsList View Button LayoutRestriction RulesScoping Rules

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

Fields

Quick Find

Section	Last Modified By	Total Order Cost
Blank Space	Owner	Transaction Date
Created By	Purchase_Order_ID	Transaction Type
Inventory Transac...	Total_Order_Cost__c	

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

Purchase_Order_ID

Transaction Type

Transaction Date

Total Order Cost

Sample Text

\$123.45

Sample Text

9/6/2026

\$123.45

Owner

Sample Text

System Information (Header visible on edit only)

Created By

Last Modified By

Sample Text

Sample Text

Custom Links (Header visible on edit only)

Mobile Cards (Salesforce mobile only)

Platform Login Credentials - Pri xHome | Salesforce xSupplier | Salesforce x- Student x+

orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021urq/PageLayouts/00hgK000006slawQAA/view

Search Setup

SetupHomeObject Manager

SETUP > OBJECT MANAGER

Supplier

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

Scoping Rules

SaveQuick SavePreview As...CancelUndoRedoLayout Properties

Fields

ButtonsQuick ActionsMobile & Lightning ActionsExpanded LookupsRelated ListsReport Charts

Quick FindField Name

Section	Created By	Phone Number
Blank Space	Email	Supplier ID
Address	Last Modified By	Supplier Name
Contact Person	Owner	

Supplier Detail

Standard ButtonsCustom Buttons

EditDeleteCloneChange OwnerChange Record TypePrintable ViewSharingSharing HierarchyEdit Labels

Information (Header visible on edit only)

Supplier ID	Sample Text	Phone Number	1-415-555-1212
Supplier Name	Sample Text	Email	sarah.sample@company.com
Contact Person	Sample Text	Address	Sample Text
		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)

- Developed compact layouts:

The screenshot shows the Salesforce Object Manager interface for configuring compact layouts for the 'Product' object. The browser address bar indicates the URL: `orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK00000021v8B/CompactLayouts/0AHgK000000G5YD/view`. The left sidebar contains a navigation menu with the following items: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts (highlighted), Field Sets, Object Limits, Record Types, Related Lookup Filters, Search Layouts, List View Button Layout, Restriction Rules, and Scoping Rules. The main content area is titled 'Product Compact Layout' and includes a 'Back to Product' link. Below the title, there are two sections for 'Compact Layout Detail'. Each section contains a table with the following information:

Label	Product Compact Layout	Object Name	Product
API Name	Product_Compact_Layout		
Included Fields	Product Name Unit Price Current Stock Level		
Created By	Dinesh Kumar, 9/5/2025, 1:09 AM	Modified By	Dinesh Kumar, 9/5/2025, 1:09 AM

Each table has a set of action buttons: Edit, Clone, Delete, and Compact Layout Assignment.

Setup Home Object Manager

SETUP > OBJECT MANAGER

Purchase Order

Help for this Page

- 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
- Scoping Rules

Purchase Order Compact Layout

Back to Purchase Order

Compact Layout Detail		Compact Layout Assignment	
Label	Purchase Order Compact Layout	Object Name	Purchase Order
API Name	Purchase_Order_Compact_Layout		
Included Fields	Purchase Order ID Order Date Total Order Cost Supplier ID		
Created By	Dinesh Kumar S, 9/5/2025, 1:11 AM	Modified By	Dinesh Kumar S, 9/5/2025, 1:11 AM

- To create an expected delivery date validation rule to an employee object:

The screenshot shows the Salesforce Setup interface. The browser tabs include 'Platform Login Credentials - P...', 'Home | Salesforce', 'Purchase Order | Salesforce', and '- Student'. The address bar shows the URL: `orgfarm-5a6a2463d5-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01lgK0000021vfp/ValidationRules/03dglK0000000CXfZQAW/view`. The Salesforce logo and a search bar are at the top. The left sidebar shows the navigation menu with 'Setup' selected, and 'Object Manager' is expanded. The main content area is titled 'Purchase Order' and 'Purchase Order Validation Rule'. It includes a 'Back to Purchase Order' link and a 'Help for this Page' icon. The 'Validation Rule Detail' section shows the rule configuration:

Validation Rule Detail		Edit	Clone
Rule Name	Expected_Delivery_Date_Validation	Active	<input checked="" type="checkbox"/>
Error Condition Formula	(Expected_Delivery_Date__c - Order_Date__c) > 7		
Error Message	The Expected Delivery Date should not exceed 7 days.	Error Location	Top of Page
Description			
Created By	Dinesh Kumar S. 9/5/2025, 1:16 AM	Modified By	Dinesh Kumar S. 9/5/2025, 1:16 AM

At the bottom of the rule detail section, there are [Edit](#) and [Clone](#) buttons.

● To create profiles:

The screenshot shows the Salesforce Setup interface for the 'Standard User' profile. The browser tabs include 'Platform Login Credentials', 'Home | Salesforce', 'Profiles | Salesforce', and 'Student'. The URL is 'orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egK000004Vdme'. The left sidebar shows 'Setup' with 'Home' and 'Object Manager' options. A search bar contains 'profil'. Below it, 'Users' is expanded, showing 'Profiles'. A message states: 'Didn't find what you're looking for? Try using Global Search.' The main content area is titled 'SETUP Profiles' and shows the 'Standard User' profile. It includes a description: '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.' Below this, it says: '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.' A list of enabled access features is shown: 'Login IP Ranges', 'Enabled Apex Class Access', 'Enabled Visualforce Page Access', 'Enabled External Data Source Access', 'Enabled Named Credential Access', 'Enabled External Credential Principal Access', 'Enabled Custom Metadata Type Access', 'Enabled Custom Setting Definitions Access', 'Enabled Flow Access', 'Enabled Service Presence Status Access', and 'Enabled Custom Permissions'. An 'Edit' button is next to 'Enabled Custom Metadata Type Access'. Below this, it says 'No Custom Metadata Types enabled'. The 'Created By' field shows 'salesforce.com, Inc., 8/30/2025, 7:19 PM' and the 'Modified By' field shows 'Dinesh Kumar, 9/5/2025, 5:01 AM'. The 'Page Layouts' section is titled 'Standard Object Layouts' and contains a table with two columns: 'Global' and 'Location Group Assignment'. The table lists various layouts and their assignments, including 'Global Layout', 'Email Application', 'Home Page Default', 'Account Layout', 'Alternative Payment Method', 'Appointment Invitation', 'Location Group Assignment Layout', 'Macro Layout', 'Object Milestone', 'Operating Hours', 'Opportunity Layout', and 'Opportunity Product Layout'. The bottom of the page shows a long URL with various parameters.

Platform Login Credentials - P | Home | Salesforce | Profiles | Salesforce | Student

orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00egK000004Vdme

Search Setup

Setup Home Object Manager

profil

Users

Profiles

Didn't find what you're looking for? Try using Global Search.

SETUP Profiles

Profile Standard User Help for this Page

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.

Login IP Ranges | Enabled Apex Class Access | Enabled Visualforce Page Access | Enabled External Data Source Access | Enabled Named Credential Access | Enabled External Credential Principal Access | Enabled Custom Metadata Type Access | Enabled Custom Setting Definitions Access | Enabled Flow Access | Enabled Service Presence Status Access | Enabled Custom Permissions

Enabled Custom Metadata Type Access Edit

No Custom Metadata Types enabled

Created By salesforce.com, Inc., 8/30/2025, 7:19 PM Modified By Dinesh Kumar, 9/5/2025, 5:01 AM

Page Layouts

Standard Object Layouts

Global	Location Group Assignment
Global Layout (View Assignment)	Location Group Assignment Layout (View Assignment)
Email Application Not Assigned (View Assignment)	Macro Macro Layout (View Assignment)
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)

https://orgfarm-5a6e2463c6-dev-ed.develop.my.salesforce.com/00egK000004Vdme?appLayout=setup&route&sidcFrameOrigin=https://orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com&sidcFrameHcstweb&nonce=527e1723a197ab250b833e4e7ad23c82b1b7...

● Roles :

Platform Login Credentials - Pr | Home | Salesforce | Roles | Salesforce | Student

orgfarm-5a6e2463c6-dev-ed.develop.lightning.force.com/lightning/setup/Roles/home

Search Setup

Setup Home Object Manager

roles

Users

Roles

Feature Settings

Sales

Contact Roles on Contracts

Contact Roles on Opportunities

Service

Case Teams

Case Team Roles

Contact Roles on Cases

Didn't find what you're looking for? Try using Global Search.

SETUP Roles

- Add Role
- SVP.Human Resources Edit Del Assign
 - Add Role
- SVP.Sales & Marketing Edit Del Assign
 - Add Role
 - Inventory Manager Edit Del Assign
 - Purchasing Manager Edit Del Assign
 - Add Role
- VP.International Sales Edit Del Assign
 - Add Role
- VP.Marketing Edit Del Assign
 - Add Role
 - Marketing Team Edit Del Assign
 - Add Role
- VP.North American Sales Edit Del Assign
 - Add Role
 - Director.Channel Sales Edit Del Assign
 - Add Role
 - Channel Sales Team Edit Del Assign
 - Add Role
 - Director.Direct Sales Edit Del Assign
 - Add Role
 - Eastern Sales Team Edit Del Assign
 - Add Role
 - Western Sales Team Edit Del Assign
 - Add Role

- Create a permission set :

The screenshot shows the Salesforce Setup interface for creating a permission set. The browser tabs include 'Platform Login Credentials', 'Home | Salesforce', 'Permission Sets | Salesforce', and 'Student'. The address bar shows a Salesforce URL. The left sidebar has a search bar with 'permission set' and a list of items including 'Users', 'Permission Set Groups', and 'Permission Sets'. The main content area is titled 'Permission Sets' and shows the 'Purchase Manager Create Access' permission set. It includes tabs for 'Find Settings...', 'Clone', 'Edit Properties', 'Manage Assignments', and 'View Summary'. The 'Permission Set Overview' section displays details such as Description, License, Session Activation Required, and API Name. The 'Apps' section lists various access types like Assigned Apps, Assigned Connected Apps, Object Settings, App Permissions, Apex Class Access, Visualforce Page Access, and External Data Source Access.

Platform Login Credentials - Pr | Home | Salesforce | Permission Sets | Salesforce | Student

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/page?address=%62F0F5gK000006SSZ4

Search Setup

Setup Home Object Manager

permission set

Users

Permission Set Groups

Permission Sets

Didn't find what you're looking for? Try using Global Search.

SETUP Permission Sets

Permission Set: Purchase Manager Create Access

Find Settings... Clone Edit Properties Manage Assignments View Summary

Permission Set Overview

Description	API Name	Purchase_Manager_Create_Access
License	Namespace Prefix	
Session Activation Required <input type="checkbox"/>	Created By	Dinesh Kumar S. 8/5/2025, 1:30 AM
Permission Set Groups Added To: 0	Last Modified By	Dinesh Kumar S. 8/5/2025, 1:45 AM

Apps

- Assigned Apps**
Settings that specify which apps are visible in the app menu.
- Assigned Connected Apps**
Settings that specify which connected apps are visible in the app menu.
- Object Settings**
Permissions to access objects and fields, and settings such as tab availability.
- App Permissions**
Permissions to perform app-specific actions, such as "Manage Call Centers".
- Apex Class Access**
Permissions to execute Apex classes.
- Visualforce Page Access**
Permissions to execute Visualforce pages.
- External Data Source Access**

● Create flow to update the actual:

Platform Login Credentials - Pr | Home | Salesforce | Flows | Salesforce | Student

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/lightning/setup/Flows/home

Search Setup

Setup Home Object Manager

flows

Process Automation

Flows

Identity

Login Flows

Didn't find what you're looking for? Try using Global Search.

SETUP Flows

Flow Trigger Explorer New Flow

Flow Definitions

All Flows

61 items • Sorted by Flow Label • Filtered by All flow definitions • Updated a few seconds ago

Flow Label ↑	Process Type	Active	Temp...	Package State	Pack...	Last Modifie...	Last Modified D...
Actual Delivery Date Updating	Autolaunched Flow	✓	□	Unmanaged		Dinesh kumar s	9/5/2025, 2:06 AM
Add or Modify Service Appointment Attendees	Salesforce Scheduler Flow	✓	□	Managed-Installed			
Approvals Workflow: Evaluate Approval Requests	Screen Flow	✓	✓	Managed-Installed			
Approvals Workflow: Process Approval Submission	Screen Flow	✓	□	Managed-Installed			
Authentication Provider User Registration	Identity User Registration Flow	□	✓	Managed-Installed			
Basic Approval Request	Flow Orchestration for CMS	✓	✓	Managed-Installed			
Book Appointment from Invitation	Salesforce Scheduler Flow	✓	✓	Managed-Installed			
Cancel Item Flow	Screen Flow	□	✓	Managed-Installed			
Change Case Owner to Incident Owner	Screen Flow	□	✓	Managed-Installed			
Chats Routed to Agents and Queues	Omni-Channel Flow	✓	✓	Managed-Installed			
Chats Routed to Agents with the Right Skills	Omni-Channel Flow	✓	✓	Managed-Installed			
Check Flow API Name	Autolaunched Flow	✓	□	Managed-Installed			
Check Service Plan Eligibility	Autolaunched Flow	□	✓	Managed-Installed			

Platform Login Credentials - Pri x Home | Salesforce x Flows | Salesforce x Actual Delivery Date Updating - x - Student x

orgfarm-5a6e2463d6-dev-ed.develop.lightning.force.com/builder_platform_interaction/flowBuilder.app?flowId=301gk00000J3w0QAU

Flow Builder Actual Delivery Date Updating - V1

Select Elements Auto-Layout

Last saved on 9/5/2025, 02:36 PM Active Run Debug View Tests Save As New Version Save Deactivate

Record-Triggered Flow
Start
Object: **Purchase Order** [Edit](#)
Trigger: **A record is created or updated**
Optimize for: **Fast Field Updates**
[Open Flow Trigger Explorer for Purchas...](#)

Get Purchase Record
Get Records

Assignment
Assignment

Updating Purchasing Order
Update Records

End

```
graph TD; Start([Record-Triggered Flow Start]) --> GetPurchaseRecord[Get Purchase Record]; GetPurchaseRecord --> Assignment[Assignment]; Assignment --> UpdatingPurchasingOrder[Updating Purchasing Order]; UpdatingPurchasingOrder --> End([End]);
```

- **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);
```

```
}
```

- **Calculate total amount handler:**

```
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> newItems,  
List<Order_Item__c> oldItems, Boolean isInsert, Boolean isUpdate, Boolean  
isDelete, Boolean isUndelete) {
```

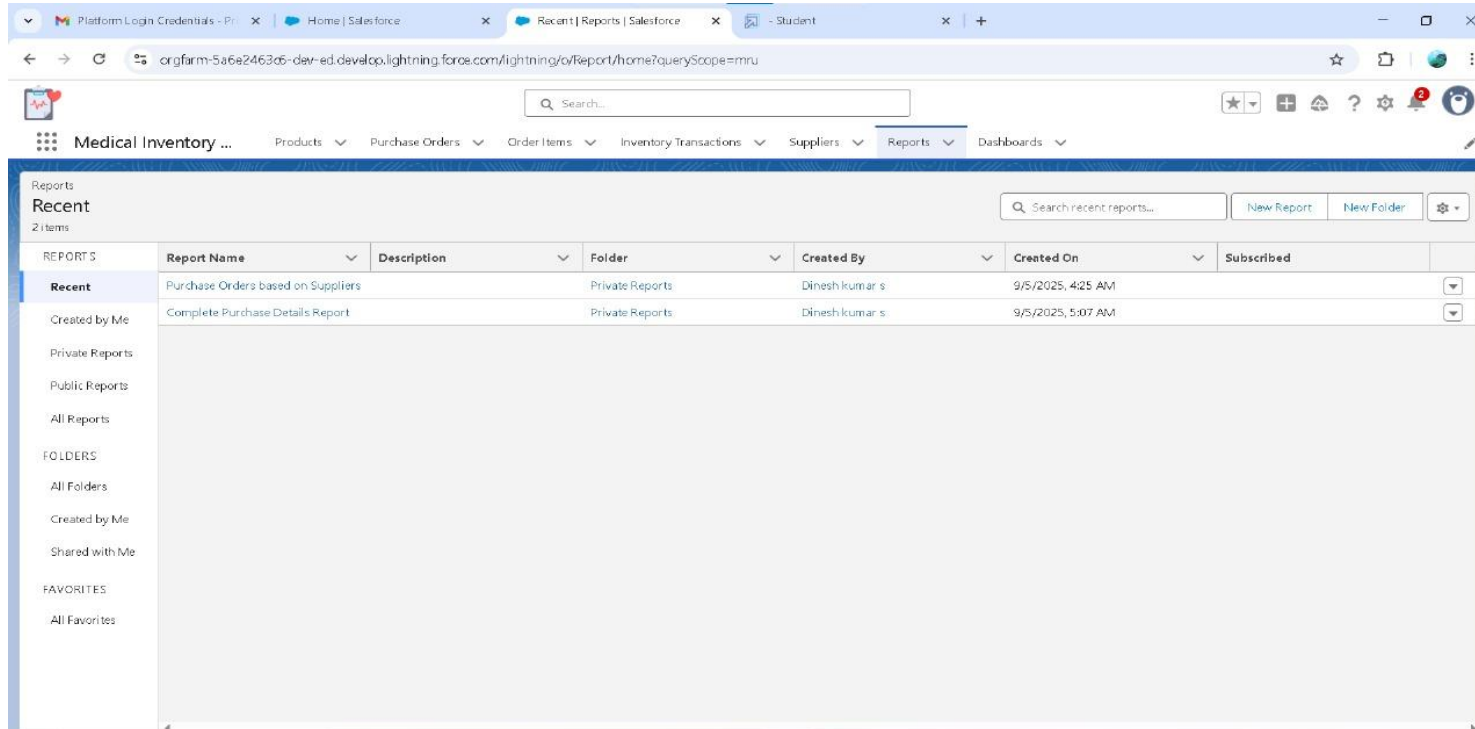
```
// Collect Purchase Order IDs affected by changes in Order_Item__c records
    Set<Id> parentIds = new Set<Id>();
// For insert, update, and undelete scenarios
    if (isInsert || isUpdate || isUndelete) {
        for (Order_Item__c ordItem : newItems) {
parentIds.add(ordItem.Purchase_Order_Id__c);    }
        }
// 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 orders based on suppliers (summary) report and create a complete purchase details report:



The screenshot shows the Salesforce Reports interface. The browser address bar indicates the URL: `orgfarm-5a6a2463d5-dav-ed.develop.lightning.force.com/lightning/o/Report/home?queryScope=mru`. The Salesforce navigation bar includes the 'Medical Inventory ...' app and several tabs: Products, Purchase Orders, Order Items, Inventory Transactions, Suppliers, Reports (selected), and Dashboards. The 'Reports' section is active, displaying a 'Recent' list of 2 items. A search bar for recent reports and buttons for 'New Report' and 'New Folder' are visible at the top right of the reports list.

REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Purchase Orders based on Suppliers		Private Reports	Dinesh Kumar S	9/5/2025, 4:25 AM	
Created by Me	Complete Purchase Details Report		Private Reports	Dinesh Kumar S	9/5/2025, 5:07 AM	
Private Reports						
Public Reports						
All Reports						
FOLDERS						
All Folders						
Created by Me						
Shared with Me						
FAVORITES						
All Favorites						

● Created Dashboard:

The screenshot shows the Salesforce user interface. At the top, there's a navigation bar with tabs for 'Platform Login Credentials', 'Home | Salesforce', 'Recent | Dashboards | Salesforce', and 'Student'. The browser address bar shows the URL: `orgfarm-5a6e2463d5-dev-ed.develop.lightning.force.com/lightning/o/Dashboard/home?queryScope=mr`. Below the navigation bar, there's a search bar and a set of icons. The main navigation menu includes 'Medical Inventory ...', 'Products', 'Purchase Orders', 'Order Items', 'Inventory Transactions', 'Suppliers', 'Reports', and 'Dashboards'. The 'Dashboards' section is active, showing a 'Recent' view with a search bar and buttons for 'New Dashboard' and 'New Folder'. A table lists the recent dashboards:

DASHBOARDS	Dashboard Name	Description	Folder	Created By	Created On	Subscribed
Recent	Medical Inventory Dashboard		Private Dashboards	Dinesh kumar s	9/5/2025, 6:51 AM	

On the left side of the dashboard view, there's a sidebar with navigation options: 'Created by Me', 'Private Dashboards', 'All Dashboards', 'FOLDERS', 'All Folders', 'Created by Me', 'Shared with Me', 'FAVORITES', and 'All Favorites'.

- **CONCLUSION:**

The implementation of a medical inventory management system plays a vital role in ensuring efficiency, accuracy, and reliability within healthcare facilities. By streamlining the tracking of medical supplies, equipment, and medicines, such a system minimizes errors, prevents stockouts, and reduces wastage. It not only supports cost-effective operations but also ensures that critical resources are available when needed, ultimately safeguarding patient care. Furthermore, automation and digital record-keeping enhance transparency, accountability, and decision-making.