

Dataset

Date	28 June 2025
Team ID	LTVIP2025TMID30494
Project Name	Medical Inventory Management

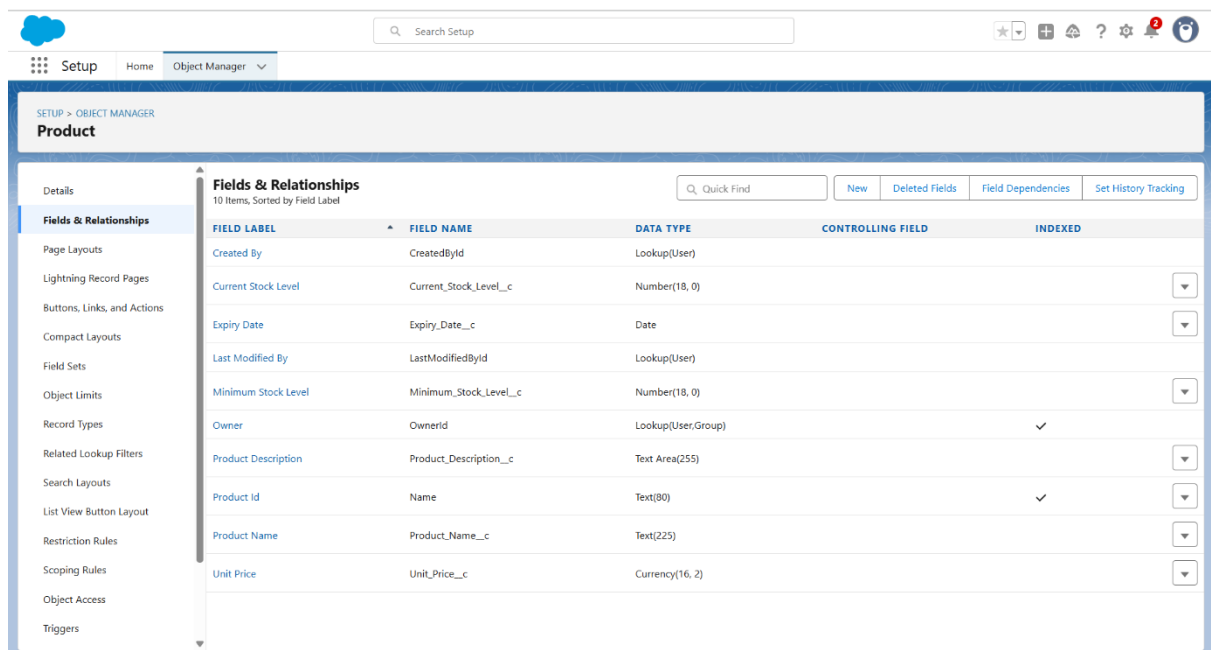
In **Medical Inventory Management**, it specifies the fields used to store data. These form the data schema:

Data Schema – Medical Inventory Management

1. Product

Stores medicine or stock item details

- Product ID (Text)
- Product Name (Text)
- Product Description (Text Area)
- Minimum Stock Level (Number (18, 0))
- Current Stock Level (Number (18, 0))
- Unit Price (Currency (16, 2))
- Expiry Date (Date)



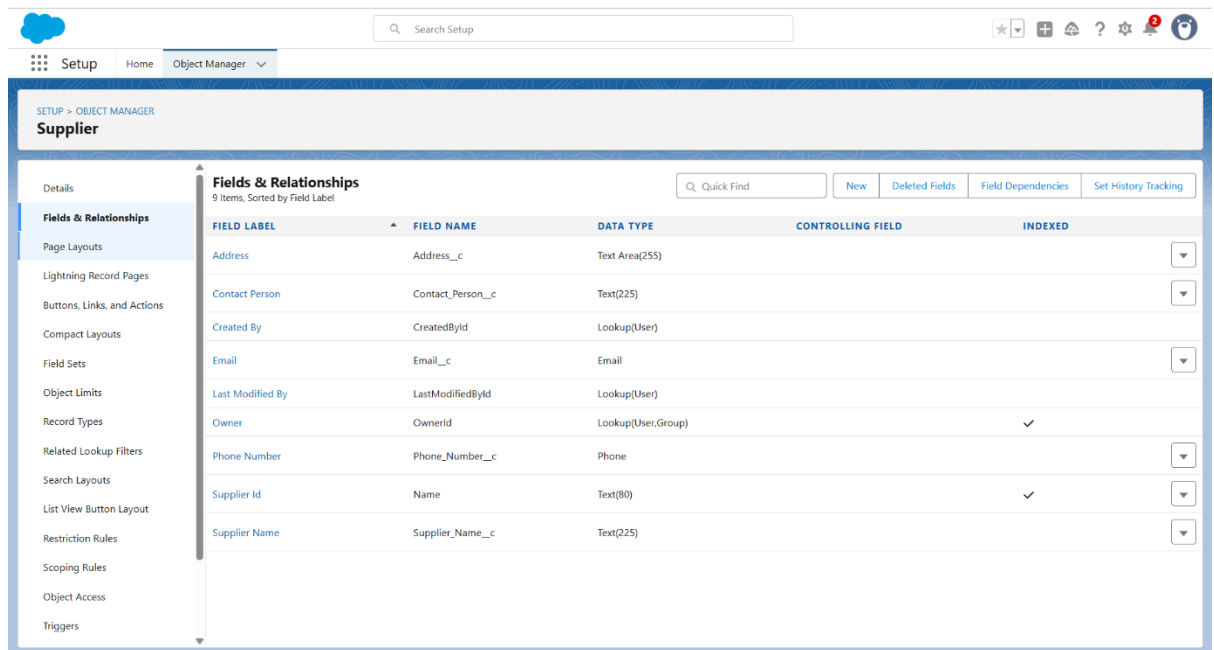
The screenshot displays the Salesforce Setup interface for the 'Product' object. The left sidebar contains a navigation menu with options like 'Details', 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', 'Record Types', 'Related Lookup Filters', 'Search Layouts', 'List View Button Layout', 'Restriction Rules', 'Scoping Rules', 'Object Access', and 'Triggers'. The main content area is titled 'Fields & Relationships' and shows a list of 10 fields, sorted by Field Label. The fields are: 'Created By' (Lookup(User)), 'Current Stock Level' (Number(18, 0)), 'Expiry Date' (Date), 'Last Modified By' (Lookup(User)), 'Minimum Stock Level' (Number(18, 0)), 'Owner' (Lookup(User,Group)), 'Product Description' (Text Area(255)), 'Product Id' (Text(90)), 'Product Name' (Text(255)), and 'Unit Price' (Currency(16, 2)). The 'Product Id' and 'Product Name' fields are marked as indexed.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Current Stock Level	Current_Stock_Level__c	Number(18, 0)		
Expiry Date	Expiry_Date__c	Date		
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(90)		✓
Product Name	Product_Name__c	Text(255)		
Unit Price	Unit_Price__c	Currency(16, 2)		

2. Supplier

Stores supplier information and history

- Supplier ID(Text)
- Supplier Name (Text)
- Contact Person (Text)
- Phone Number (Phone)
- Email (Email)
- Address (TextArea)



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
Object Access
Triggers

Fields & Relationships
9 Items, Sorted by Field Label

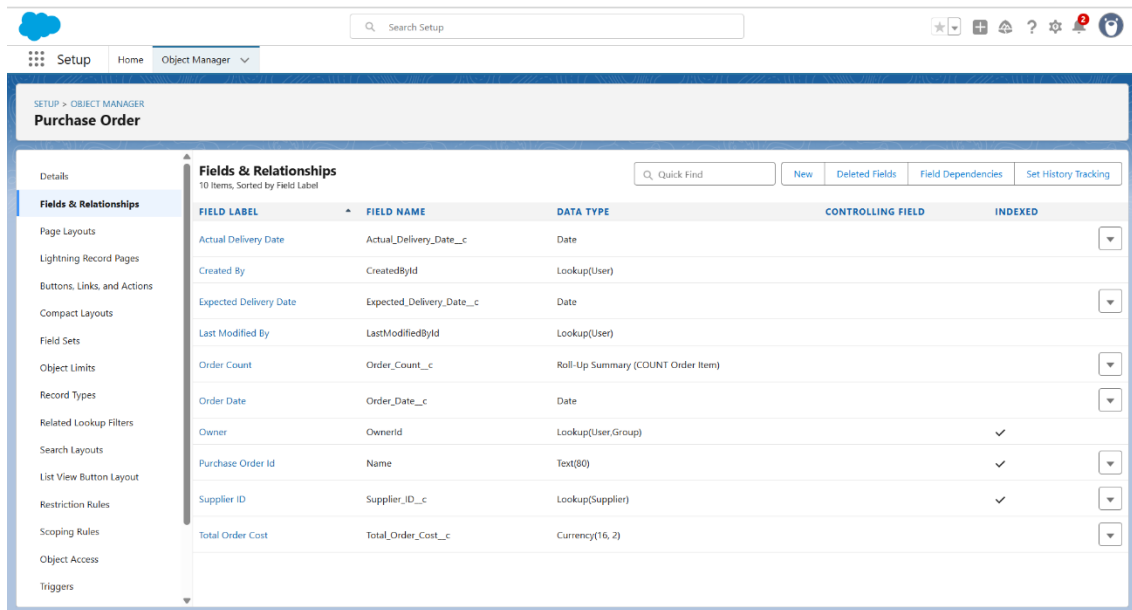
Q Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Text Area(255)		
Contact Person	Contact_Person__c	Text(255)		
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(255)		

3. Purchase Order

Manages PO lifecycle and approvals

- Purchase Order ID (Text)
- Supplier ID (Lookup (Supplier))
- Order Date (Date)
- Expected Delivery Date (Date)
- Actual Delivery Date (Date)
- Order Count (Roll-Up Summary (COUNT Order Item))
- Total Order Cost (Currency (16, 2))



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 | Scoping Rules | Object Access | Triggers

Fields & Relationships
10 Items, Sorted by Field Label

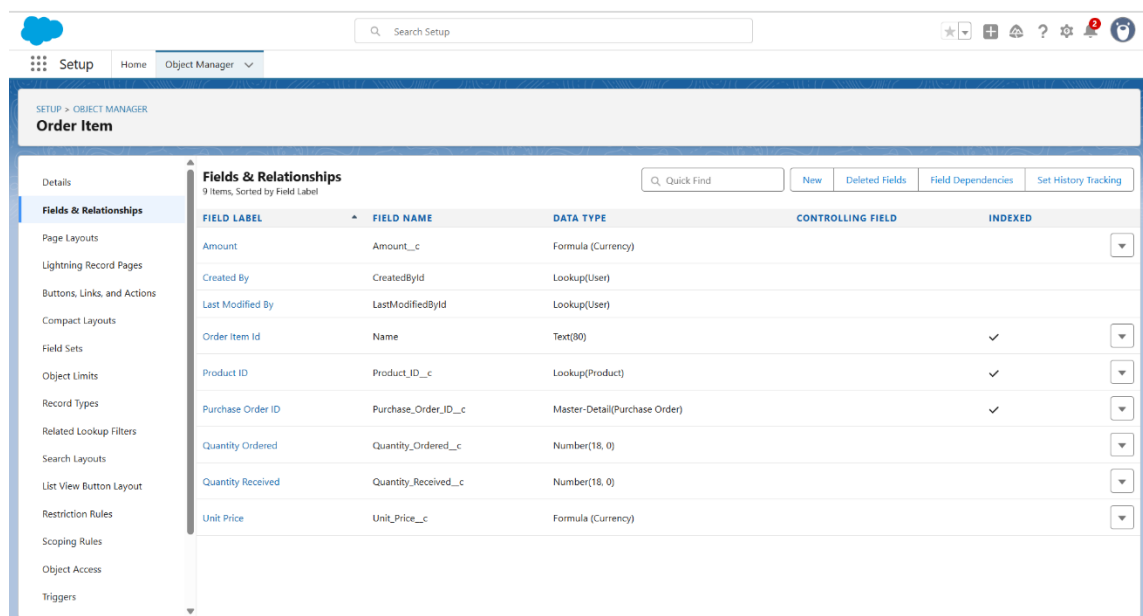
Q Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

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	Lookup(User/Group)		✓
Purchase Order Id	Name	Text(80)		✓
Supplier ID	Supplier_ID__c	Lookup(Supplier)		✓
Total Order Cost	Total_Order_Cost__c	Currency(16, 2)		

4. Order Item

Line items for each purchase order

- Order Item ID(Standard) (Text)
- Product ID (Lookup (Product))
- Purchase Order ID (Master-Detail (Purchase Order))
- Quantity Ordered (Number (18, 0))
- Quantity Received (Number (18, 0))
- Unit Price (Formula (Currency))
- Amount (Formula (Currency))



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 | Object Access | Triggers

Fields & Relationships
9 Items, Sorted by Field Label

Q 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	Lookup(Product)		✓
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	Formula (Currency)		

5. Inventory Transaction

Logs stock movements: received, used, returned, expired

- Transaction ID (Text)
- Purchase Order ID (Lookup (Purchase Order))
- Transaction Date (Date)
- Transaction Type (Picklist)
- Total Order Cost (Formula (Currency))

The screenshot shows the Salesforce Setup interface for the 'Inventory Transaction' object. The left sidebar contains a navigation menu with options like 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, Object Access, and Triggers. The main content area is titled 'Inventory Transaction' and shows the 'Fields & Relationships' section. It displays a table of fields with columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are Created By, Last Modified By, Owner, Purchase Order ID, Total Order Cost, Transaction Date, Transaction Id, and Transaction Type. The table also includes a 'Quick Find' search bar and buttons for 'New', 'Deleted Fields', 'Field Dependencies', and 'Set History Tracking'.

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