1. Standard & Custom Objects

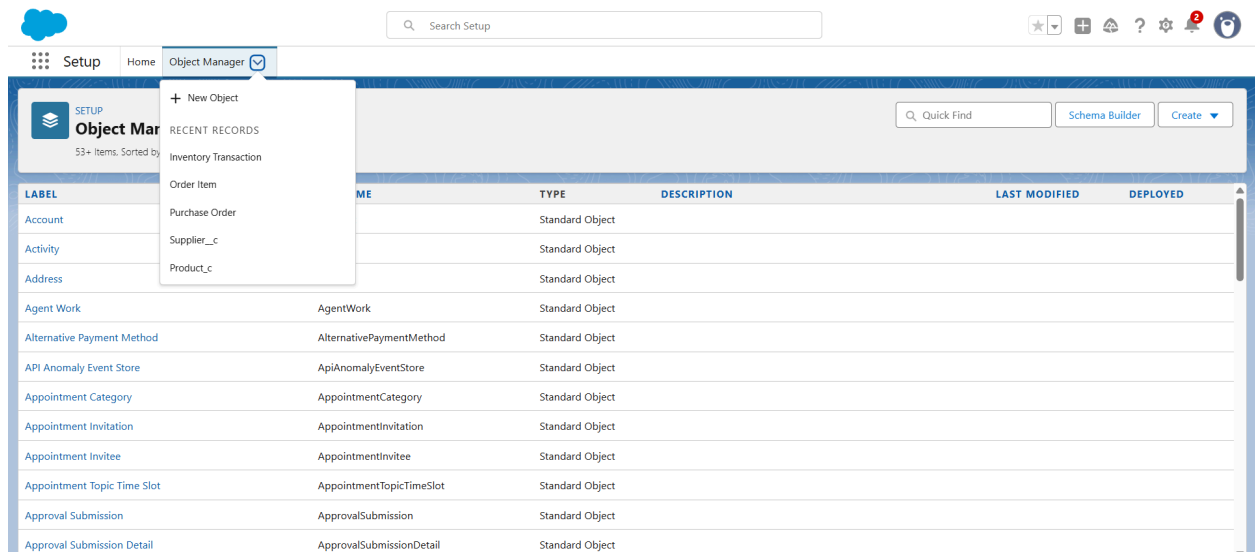**Explanation:**

Salesforce provides standard objects (like Account, Contact, User) and lets us create custom ones.

For this project, custom objects were built to represent real entities in a healthcare supply chain — products, suppliers, orders, and stock movements.

Custom Objects Created:

Object Name	API Name	Description
Product	Product__c	Stores details of each medical product
Supplier	Supplier__c	Contains supplier details and contact info
Purchase Order	Purchase_Order__c	Records each supplier order
Order Item	Order_Item__c	Tracks each product line inside a purchase order
Inventory Transaction	Inventory_Transaction__c	Logs stock inflow and outflow

2. Fields

Explanation:
Each object includes custom fields to capture unique business data.

Example Fields:

Product → Product ID, Name, Category, Unit Price, Available Stock, Expiry Date
Supplier → Supplier ID, Contact Person, Email, Phone, Rating
Purchase Order → Order ID, Supplier Lookup, Order Date, Total Cost, Status
Order Item → Product Lookup, Quantity, Unit Price, Total Price (formula)
Inventory Transaction → Product Lookup, Transaction Type, Quantity, Date

3. Record Types

Explanation:
Record Types allow different processes or picklists for the same object.
For demonstration, two record types were made under Purchase Order:

- **Medicine Order**

- **Equipment Order**
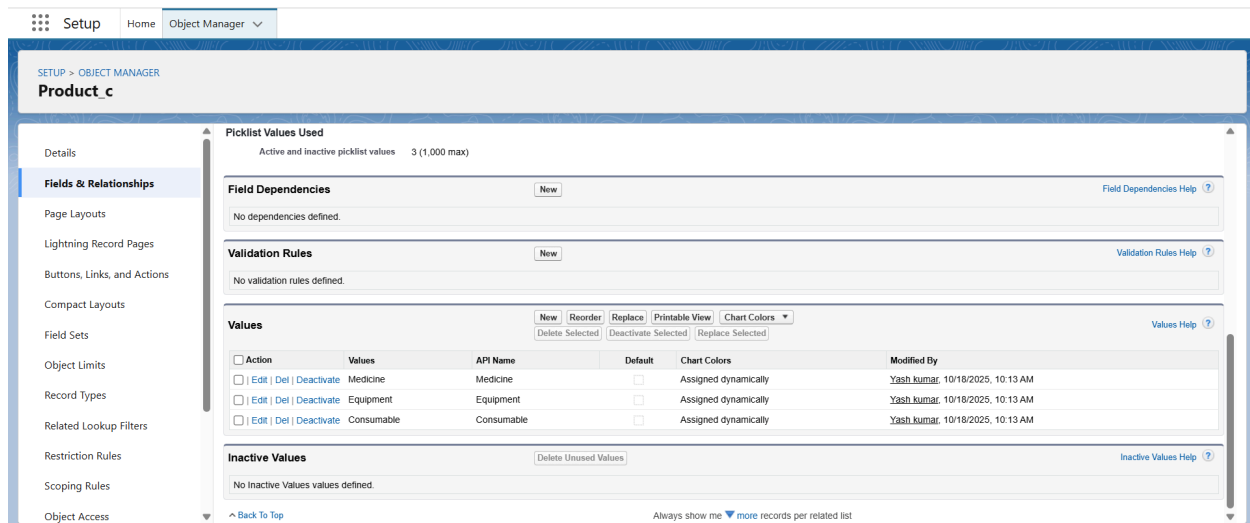
4. Page Layouts

Explanation:
Page Layouts define how data fields appear on a record page for each user profile.
Layouts were customized to show logical groupings:

Object	Sections Added
Product	Product Details, Stock Information, Supplier
Supplier	Company Details, Contact Info

Purchase Order	Order Details, Delivery Info, Financial Summary
Order Item	Product Details, Pricing
Inventory Transaction	Stock Movement, Reference

SETUP > OBJECT MANAGER
Product_c

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Object Access

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

Quick Find Field Name

Fields	Section	Created By	Owner	Supplier__c
Buttons	Blank Space	Expiry Date	Product ID	Unit Price
Quick Actions	Available Stock	Last Modified By	Product Name	
Mobile & Lightning Actions	Category	Minimum Stock Level	Seller	
Expanded Lookups				
Related Lists				
Report Charts				

Product_c 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)

★ ● Product Name	Sample Text	Owner	Sample Text
★ ● Product ID	Sample Text		
★ Category	Sample Text		
★ ● Unit Price	₹123.45		
★ ● Minimum Stock Level	5,782		
★ ● Available Stock	63,089		
★ ● Expiry Date	10/19/2025		
Seller	Sample Text		
Supplier__c	Sample Text		

∥ System Information (Header visible on edit only)
Created By Sample Text   Last Modified By Sample Text

SETUP > OBJECT MANAGER
Supplier__c

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Object Access

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

Quick Find Field Name

Fields	Section	Created By	Phone
Buttons	Blank Space	Email	Rating
Quick Actions	Address	Last Modified By	Supplier ID
Mobile & Lightning Actions	Contact Person	Owner	Supplier Name
Expanded Lookups			
Related Lists			
Report Charts			

∥ Information (Header visible on edit only)

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

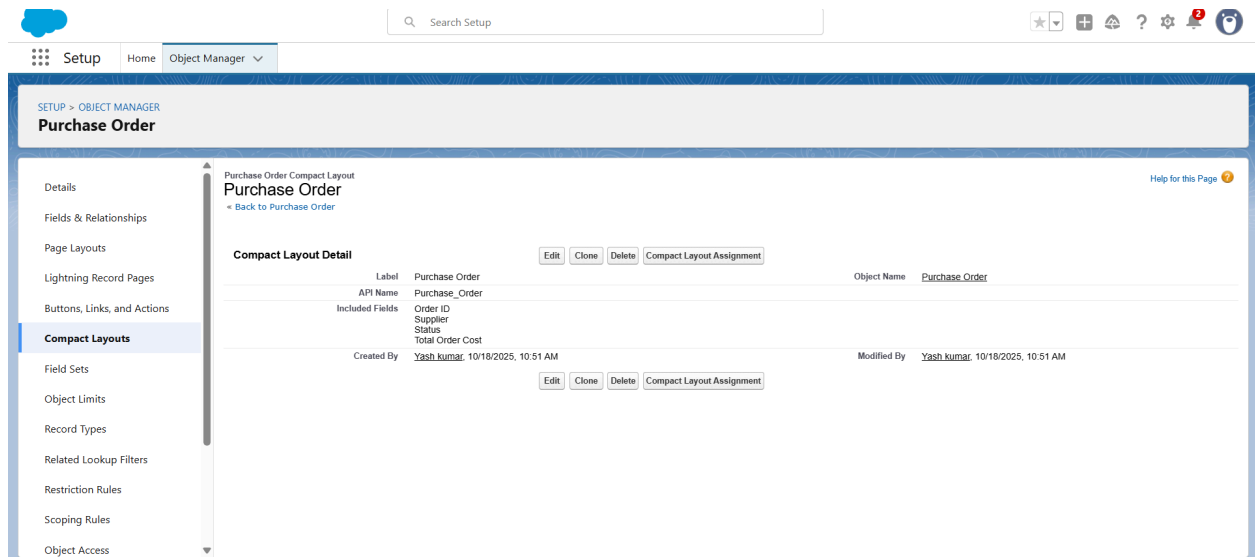# 5. Compact Layouts

Explanation:
Compact Layouts show quick summary fields on record headers for mobile/desktop.
Example: For Product — Product Name, Category, Available Stock, Unit Price.

6. Schema Builder

Explanation:
 The Schema Builder visually maps relationships between all objects.
 It clearly displays Lookup and Master-Detail connections among Products, Suppliers, Orders, and Transactions.

7. Lookup vs Master-Detail Relationships

Explanation:
 Relationships link objects so data flows logically:

Relationship	Parent → Child	Type	Reason
Supplier → Purchase Order	Lookup	A supplier can have many orders	

Purchase Order → Order Item	Master-Detail	Order Item exists only within an Order
Product → Order Item	Lookup	A product can belong to multiple orders
Product → Inventory Transaction	Lookup	Stock changes recorded for each product

8. Junction Objects

Explanation:
The Order Item acts as a **Junction Object** between Product and Purchase Order, enabling a many-to-many relationship.
This design lets multiple products belong to one order, and the same product appear across several orders.