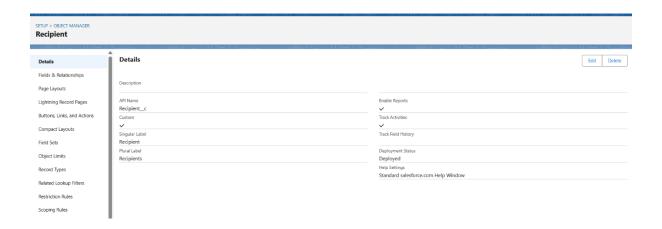
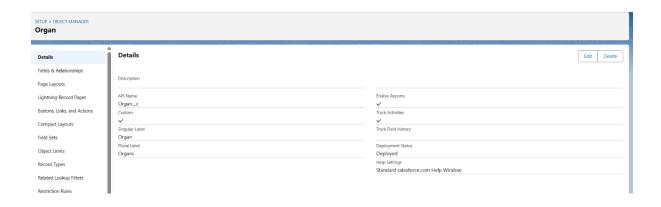
Phase 3

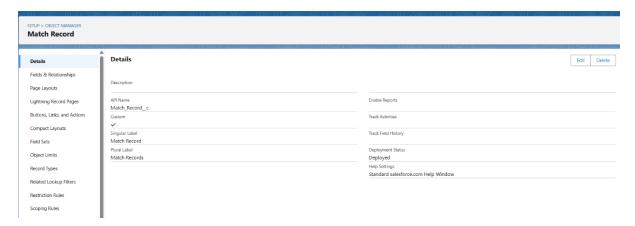
Objective: Create custom objects, fields, relationships, layouts, and schema for the Organ Donation & Transplant Registry.

Custom Objects

API Name	Record Name	Notes
Donor_c	Donor Number (Auto Number)	Stores donor information
Recipient_c	Recipient Number (Auto)	Stores recipient information
Organc	Organ ID (Auto Number)	Stores organ details
Match_Recordc	Match ID (Auto Number)	Junction object linking Donor & Recipient
Details		Edit Delete
Description		
API Name Donor_c	Enable Rep	orts
Custom	Track Activi	
Singular Label Donor	Track Field	History
Plural Label	Deploymen	
Donors	Deployed Help Settin	
	The parties	
	Standard	salesforce.com Help Window
	Recipient_c Organ_c Match_Record_c Details Description API Name Donor_c Custom Singular Label Donor	Recipient_c Recipient Number (Auto) Organ_c Organ ID (Auto Number) Match_Record_c Match ID (Auto Number) Details Description API Name Donor_c Custom Singular Label Donor Plural Label Donors Deployment De



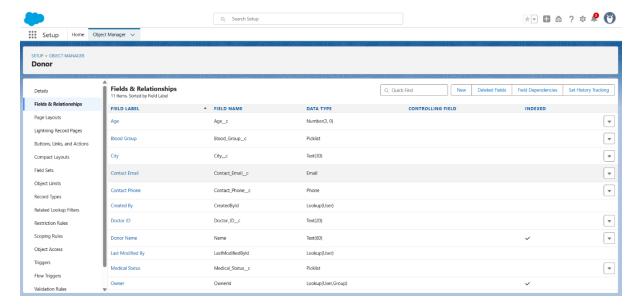




Fields

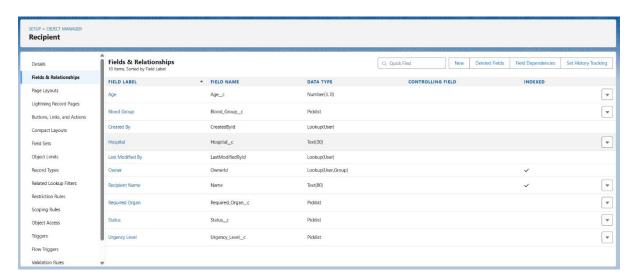
Donor Fields

Field Name	Туре	Picklist/Values
Agec	Number	3 digits max
Blood_Groupc	Picklist	A+, A-, B+, B-, AB+, AB-, O+, O-
Contact_Emailc	Email	
Contact_Phonec	Phone	
City_c	Text	
Medical_Statusc	Picklist	Eligible, Ineligible, Pending
Donor_IDc	Text/External ID	



Recipient Fields

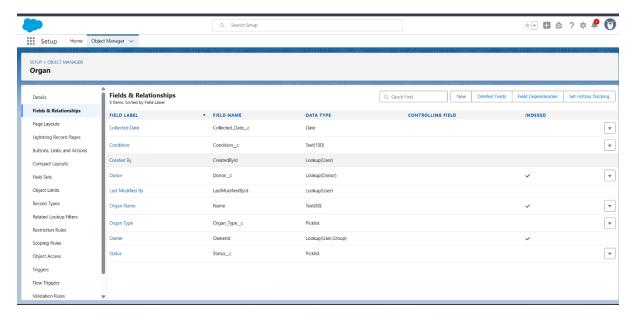
Field Name	Type	Picklist/Values
Agec	Number	
Blood_Groupc	Picklist	Same as Donor
Required_Organc	Picklist	Kidney, Liver, Heart, Lung, Pancreas, Other
Urgency_Levelc	Picklist	Low, Medium, High
Hospital_c	Text	
Statusc	Picklist	Waiting, Matched, Transplanted



Organ Fields

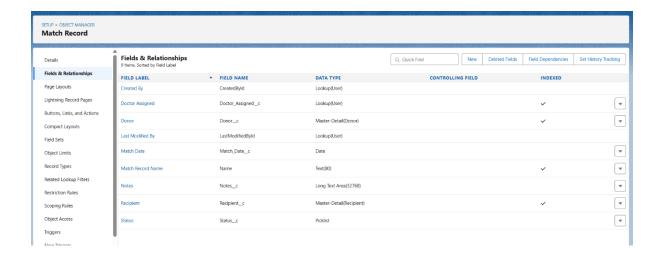
Field Name	Type	Notes

Organ_Typec	Picklist	Same as Required_Organ
Statusc	Picklist	Available, Assigned, Transplanted
Donor_c	Lookup	Donorc
Conditionc	Text	
Collected_Datec	Date	



Match Record Fields

Field Name	Type	Notes
Donor_c	Master-Detail	Donor is Master
Recipient_c	Master-Detail	Recipient is Master
Doctor_Assignedc	Lookup(User)	Doctor handling match
Match_Datec	Date	
Statusc	Picklist	Pending, Approved, Rejected, Completed
Notes_c	Long Text	



Relationships

Relationship Type	Objects Connected	Notes
Master-Detail	Donor ↔ Match Record	Junction object
Master-Detail	Recipient ↔ Match Record	Junction object
Lookup	Organ ↔ Donor	Each Organ belongs to a Donor
Lookup	Match Record ↔ Doctor (User)	Doctor assigned for the match

Page Layouts

- **Donor Layout:** Donor fields + Related Lists (Organs, Match Records)
- **Recipient Layout:** Recipient fields + Related List (Match Records)
- Organ Layout: Organ fields
- Match Record Layout: Donor, Recipient, Doctor_Assigned_c, Status, Match Date, Notes

Compact Layouts

Object	Key Fields for Compact Layout
Donor	Donor Number, Age, Blood Group, Medical Status
Recipient	Recipient Number, Required Organ, Urgency Level, Status
Organ	Organ ID, Organ Type, Status, Donor
Match Record	Match ID, Donor, Recipient, Doctor_Assigned_c, Status

Record Types (Optional)

- Example: Donor → Living / Deceased
- Assign layouts and picklist values per record type

Schema Builder

- 1. Go to Setup \rightarrow Schema Builder
- 2. Drag all custom objects and fields
- 3. Visualize relationships:
 - o Donor → Match Record (Master-Detail)
 - o Recipient → Match Record (Master-Detail)
 - $\circ \quad \text{Organ} \to \text{Donor} \left(\text{Lookup}\right)$
 - \circ Doctor_Assigned__c \rightarrow User (Lookup)

Relationship Notes

- Junction Object: Match Record connects Donor and Recipient (many-to-many)
- **Lookup:** Organ → Donor
- Lookup: Doctor Assigned $c \rightarrow User$
- Master-Detail: Donor → Match Record, Recipient → Match Record