

Phase 3: Data Modeling & Relationships

1. Standard & Custom Objects

Custom Object: Registration__c

Field Label	Field Name (API)	Data Type	Field Type / Relationship
Registration Number	Name	Auto Number	Standard Field
Employee	Employee__c	Lookup (Employee)	Relationship Field
Course	Course__c	Lookup (Course)	Relationship Field
Status	Status__c	Picklist	Custom Field
Completion (%)	Completion__c	Number (5,2)	Custom Field
Feedback	Feedback__c	Text Area (255)	Custom Field
Created By	CreatedById	Lookup (User)	Standard Field
Last Modified By	LastModifiedById	Lookup (User)	Standard Field
Owner	OwnerId	Lookup (User, Group)	Standard Field

← → ↺

orgfarm-d830256d3c-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01lgK000002z5uT/Details/view

☆ 🔔

🔍 Search Setup

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Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Registration

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

Triggers

Details

Description

API Name

Registration_c

Custom

✓

Singular Label

Registration

Plural Label

Registrations

Enable Reports

✓

Track Activities

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

Edit

Delete

← → ↺

orgfarm-d830256d3c-dev-ed.develop.my.salesforce-setup.com/lightning/setup/ObjectManager/01lgK000002z5uT/FieldsAndRelationships/view

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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
Completion (%)	Completion__c	Number(5, 2)		▼
Course	Course__c	Lookup(Course)		✓ ▼
Created By	CreatedById	Lookup(User)		
Employee	Employee__c	Lookup(Employee)		✓ ▼
Feedback	Feedback__c	Text Area(255)		▼
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Registration Number	Name	Auto Number		✓ ▼
Status	Status__c	Picklist		▼

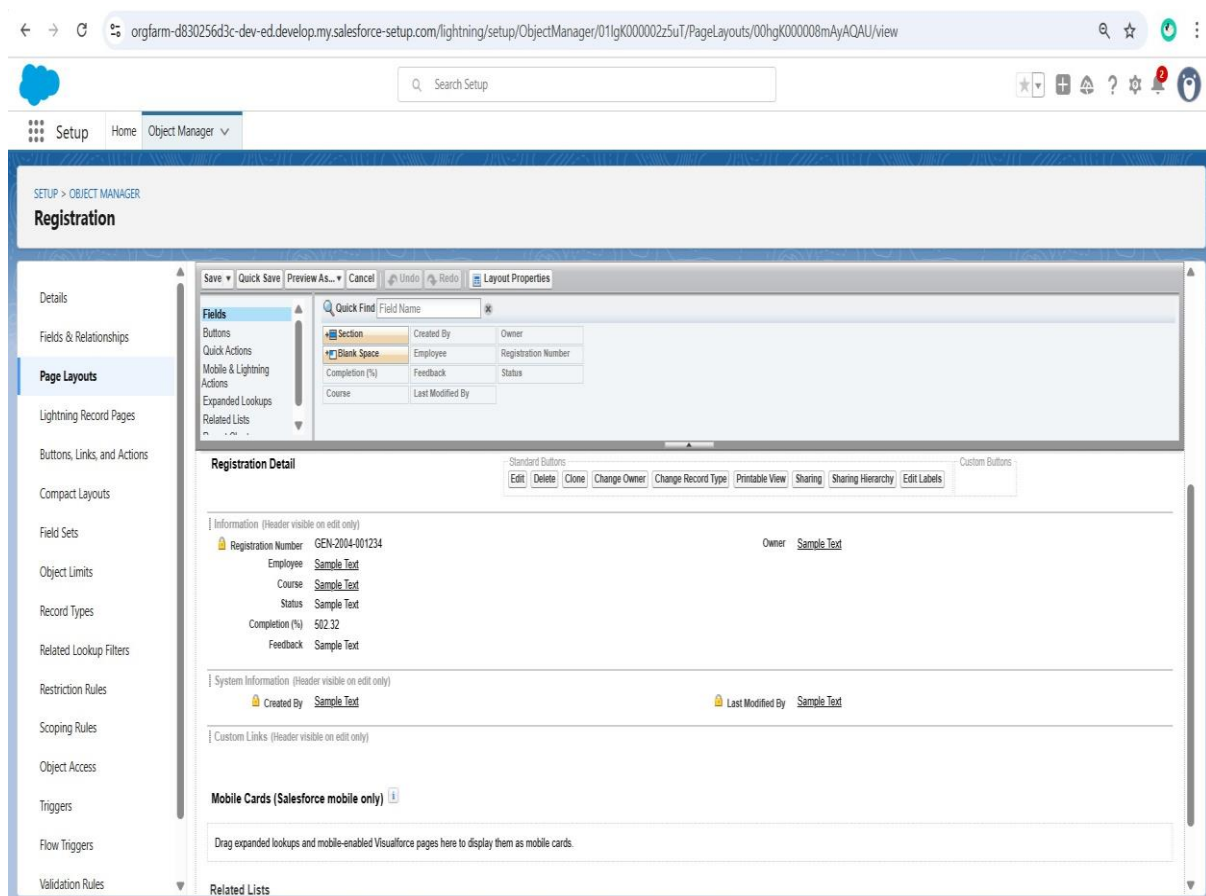
2. Page Layouts

Employee Layout: Basic info, Department, Related Registrations.

Trainer Layout: Trainer info, Expertise, Assigned Courses.

Course Layout: Course Name, Description, Duration, Trainer, Related Registrations.

Registration Layout: Employee, Course, Status, Completion %.

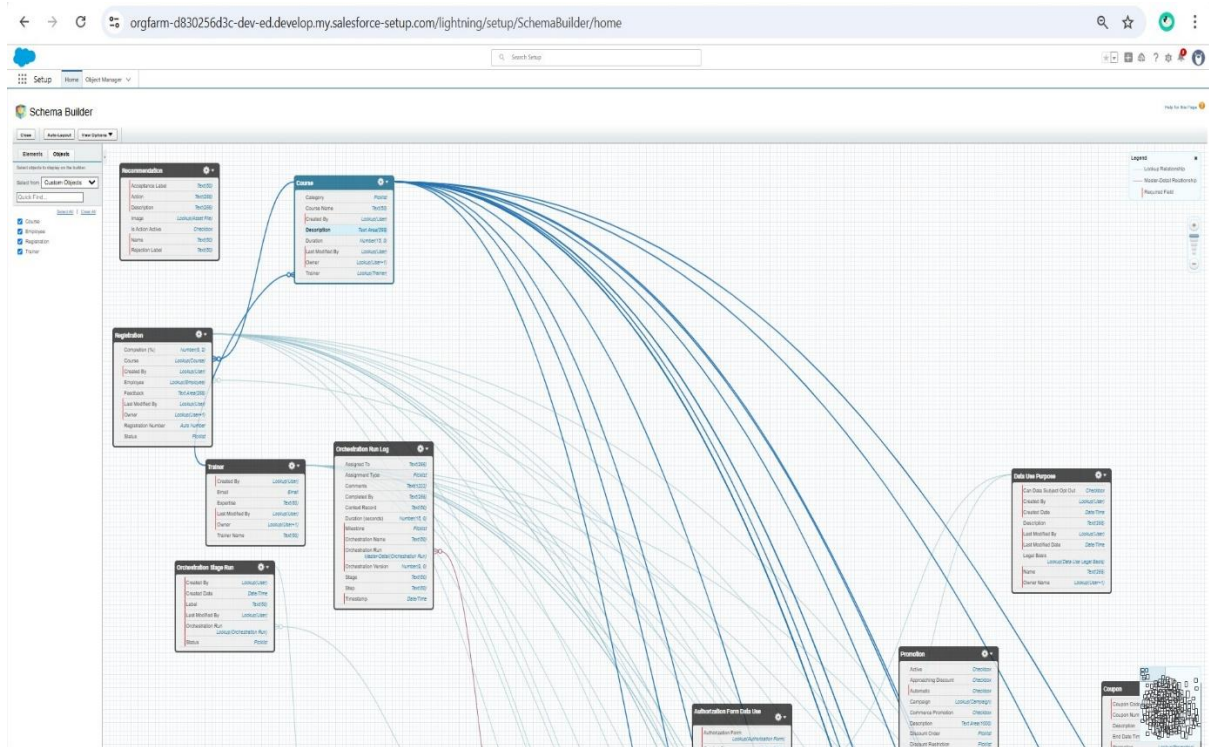


3. Schema Builder

The Schema Builder provides a visual representation of all objects, fields, and relationships in your Salesforce org.

It helps understand how Employee, Trainer, Course, and Registration are connected.

- Verified field relationships (Lookup and Master-Detail).



4. Lookup vs Master-Detail vs Hierarchical Relationships

Lookup Relationship:

Employee → Department

Course → Trainer

Registration → Employee

Registration → User

The screenshot shows the Salesforce Object Manager interface for the 'Course' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), 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, and Triggers. The main content area is titled 'Fields & Relationships' and shows a table of 8 items, sorted by Field Label. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are: Category (Picklist), Course Name (Text(80)), Created By (Lookup(User)), Description (Text Area(255)), Duration (Number(18, 0)), Last Modified By (Lookup(User)), Owner (Lookup(User, Group)), and Trainer (Lookup(Trainer)).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Category	Category__c	Picklist		
Course Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Description	Description__c	Text Area(255)		
Duration	Duration__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User, Group)		✓
Trainer	Trainer__c	Lookup(Trainer)		✓

5. Field Level Security

HR Admin: Full access to Employee, Course, and Registration objects except Salary.

Trainer: Can update course progress and view employee details.

Employee: Can view available courses and submit course feedback.

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 \(0\)](#) |
 [Enabled Apex Class Access \(2\)](#) |
 [Enabled Visualforce Page Access \(0\)](#) |
 [Enabled External Data Source Access \(0\)](#) |
 [Enabled Named Credential Access \(0\)](#) |
 [Enabled External Credential Principal Access \(0\)](#) |
 [Enabled Custom Metadata Type Access \(0\)](#) |
 [Enabled Custom Setting Definitions Access \(0\)](#) |
 [Enabled Flow Access \(0\)](#) |
 [Enabled Service Presence Status Access \(0\)](#) |
 [Enabled Custom Permissions \(0\)](#)

Profile Detail

Edit Clone Delete View Users

Name	HR admin		
User License	Salesforce	Custom Profile	✓
Description			
Created By	Penmatsa Dhathri Vidya Prabha	10/12/2025, 11:09 PM	
Modified By	Penmatsa Dhathri Vidya Prabha	10/12/2025, 11:09 PM	

Page Layouts

Standard Object Layouts			
Global	Global Layout [View Assignment]	Location Group Assignment	Location Group Assignment Layout [View Assignment]
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]
Assignment Location	Assignment Location [View Assignment]	Quantity Break	Quantity Break Layout [View Assignment]