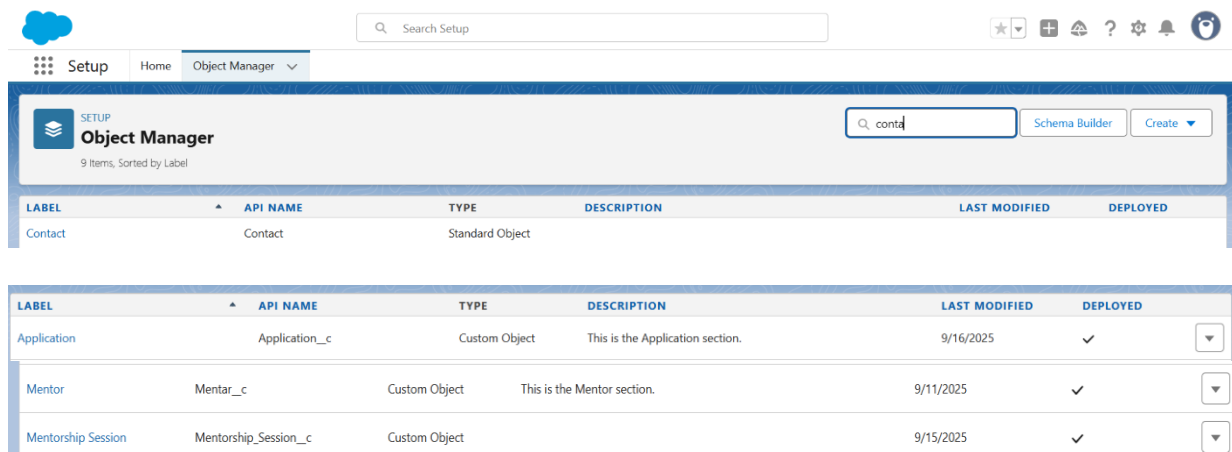


# Phase 3: Data Modeling & Relationships

**Goal:** Build and refine the data model by creating custom objects, fields, and relationships. Configure record types, page layouts, and compact layouts to support automation, approvals, and reporting.

## 1. Standard & Custom Objects

- Standard Object:
  - Contact – Used for both *Students* and *Mentors* (differentiated using Record Types).
- Custom Objects:
  - Application\_\_c – Represents a college application submitted by a student.
  - Mentorship\_Session\_\_c – Represents mentorship sessions scheduled between a mentor and a student.

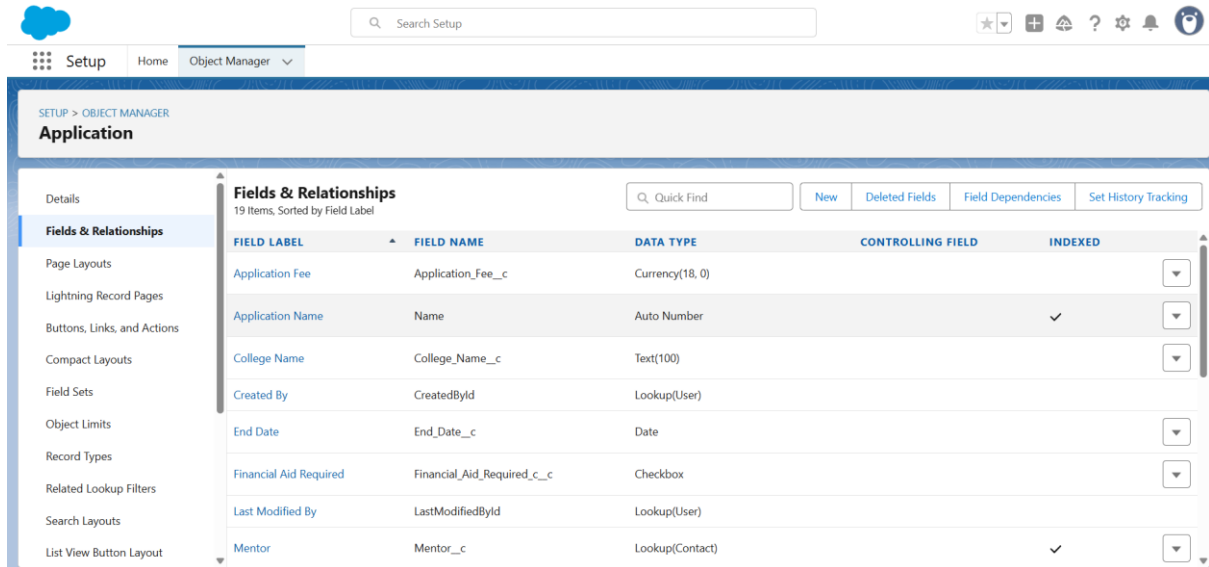


LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Contact	Contact	Standard Object			
Application	Application__c	Custom Object	This is the Application section.	9/16/2025	✓
Mentor	Mentor__c	Custom Object	This is the Mentor section.	9/11/2025	✓
Mentorship Session	Mentorship_Session__c	Custom Object		9/15/2025	✓

## 2. Fields

- **Application\_\_c:**
  - College Name
  - Program
  - Status (Submitted, Under Review, Approved, Rejected)
  - Submission Date
  - Test Score
- **Mentorship\_Session\_\_c:**
  - Date

- Time
- Session Type (Online, In-Person)
- Notes



SETUP > OBJECT MANAGER

### Application

Details

**Fields & Relationships**  
19 Items, Sorted by Field Label

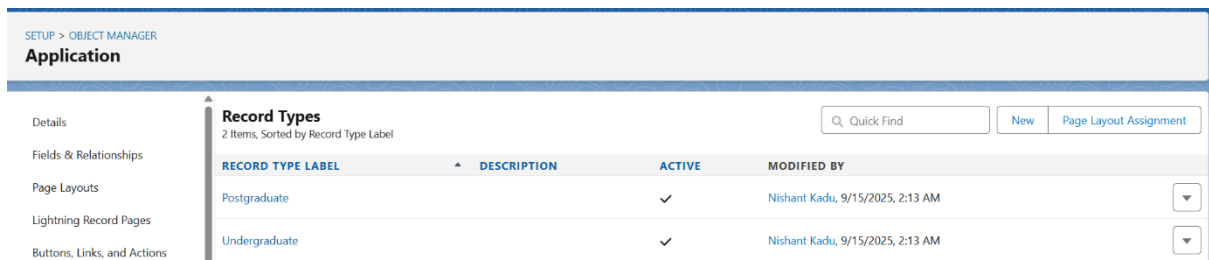
Q Quick Find

New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Application Fee	Application_Fee__c	Currency(18, 0)		
Application Name	Name	Auto Number		✓
College Name	College_Name__c	Text(100)		
Created By	CreatedById	Lookup(User)		
End Date	End_Date__c	Date		
Financial Aid Required	Financial_Aid_Required__c	Checkbox		
Last Modified By	LastModifiedById	Lookup(User)		
Mentor	Mentor__c	Lookup(Contact)		✓

### 3. Record Types

- Contact → *Student vs Mentor*
- Application\_\_c → *Undergraduate vs Postgraduate*



SETUP > OBJECT MANAGER

### Application

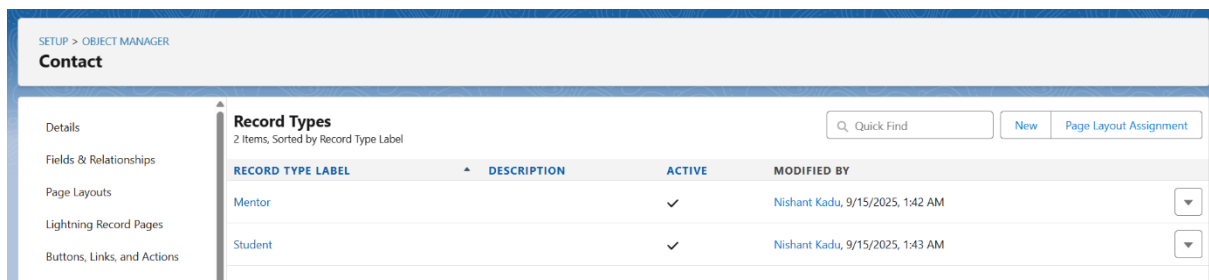
Details

**Record Types**  
2 Items, Sorted by Record Type Label

Q Quick Find

New Page Layout Assignment

RECORD TYPE LABEL	DESCRIPTION	ACTIVE	MODIFIED BY
Postgraduate		✓	Nishant Kadu, 9/15/2025, 2:13 AM
Undergraduate		✓	Nishant Kadu, 9/15/2025, 2:13 AM



SETUP > OBJECT MANAGER

### Contact

Details

**Record Types**  
2 Items, Sorted by Record Type Label

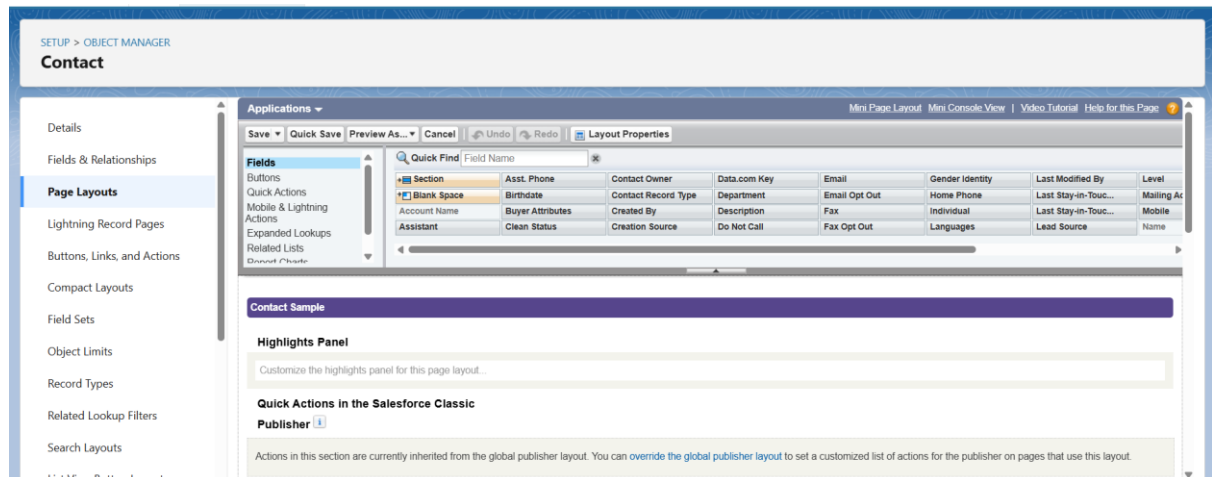
Q Quick Find

New Page Layout Assignment

RECORD TYPE LABEL	DESCRIPTION	ACTIVE	MODIFIED BY
Mentor		✓	Nishant Kadu, 9/15/2025, 1:42 AM
Student		✓	Nishant Kadu, 9/15/2025, 1:43 AM

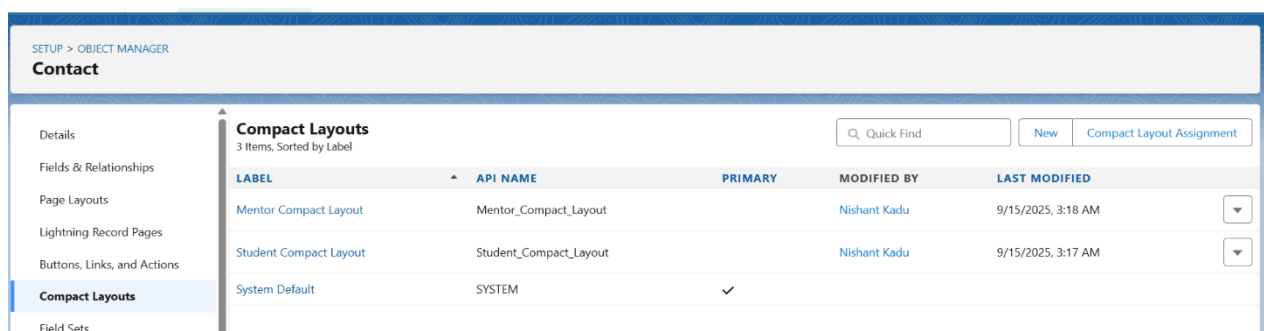
## 4. Page Layouts

- Student (Contact) → Related Applications and Mentorship Sessions.
- Mentor (Contact) → Assigned Applications and completed Mentorship Sessions.
- Application\_\_c → Linked Student, assigned Mentor, and related Sessions.



## 5. Compact Layouts (Mobile View)

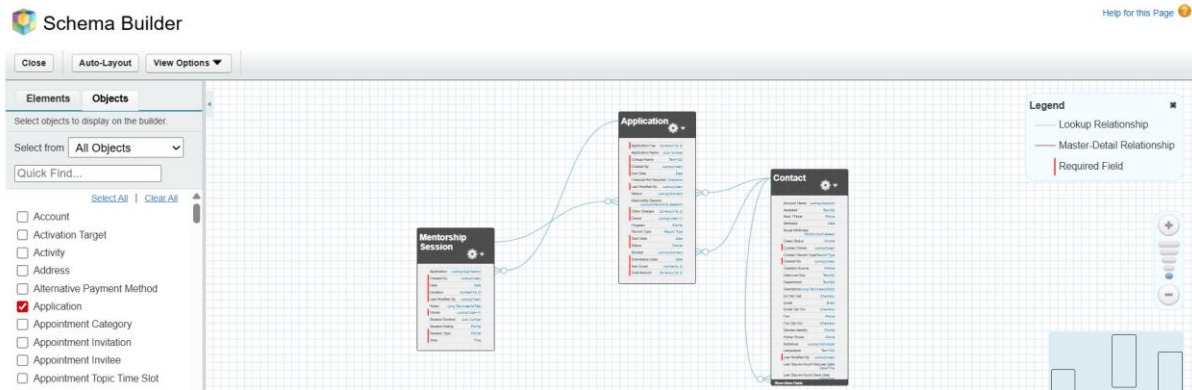
- Student (Contact): Name, Email, Phone
- Mentor (Contact): Name, Expertise, Availability
- Application\_\_c: College Name, Program, Status
- Mentorship\_Session\_\_c: Date, Time, Session Type



## 6. Schema Builder

- Use Schema Builder to visually represent object relationships:

- Student (Contact) ↔ Application\_\_c
- Mentor (Contact) ↔ Application\_\_c
- Application\_\_c ↔ Mentorship\_Session\_\_c



## 7. Relationships

- Student ↔ Application\_\_c: Lookup (one student can have many applications, but deleting student should not delete applications).
- Mentor ↔ Application\_\_c: Lookup (a mentor can guide multiple applications, but applications remain if mentor is removed).
- Application\_\_c ↔ Mentorship\_Session\_\_c: Lookup (sessions are linked to applications but should remain even if the application is deleted).