

Phase 3: Data Modeling & Relationships

- **Objects:** Objects I have created

Event

Name

Organizer: Text

Start Date: Date/Time

End Date: Date/Time

Max Seats: Number

Remaining Seats: Formula (Number, formula = Max Seats - (Attendees registered))

Status: Picklist (values: Created, Published, Completed)

Event Type: Picklist (values: In-Person, Virtual)

Location: Lookup (Location object)

Attendee

Name

Email: Email

Phone: Phone

Company: Text

Address: Lookup (Location object)

Location

Street: Text

City: Text

State: Text

Postal Code: Text

Country: Picklist

Event

Details

Fields & Relationships

14 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Fields & Relationships

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
End Date	End_Date__c	Date		
Event Location	Event_Location__c	Lookup(Event Location)		
Event Name	Name	Text(80)		
Event Type	Event_Type__c	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Lookup(Location)		
Max Seats	Max_Seats__c	Number(18, 0)		
Organizer	Organizer__c	Text(20)		
Owner	OwnerId	Lookup(User, Group)		
Remaining Seats	Remaining_Seats__c	Formula (Number)		
Start Date	Start_Date__c	Date		
Status	Status__c	Picklist		
Total_Registrations__c	Total_Registrations__c	Roll-Up Summary (COUNT Event Registration)		

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05-10-2025

Attendee

Details

Fields & Relationships

9 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

Fields & Relationships

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Address	Address__c	Lookup(Location)		
Address	Event_Location__c	Lookup(Event Location)		
Attendee Name	Name	Text(80)		
Company	Company__c	Text(40)		
Created By	CreatedById	Lookup(User)		
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User, Group)		
Phone	Phone__c	Phone		

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Clear

Search

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05-10-2025

The screenshot shows the Salesforce Setup interface for the 'Event Location' object. The 'Fields & Relationships' section is active, displaying a table of 9 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
City	City__c	Text(40)		
Country	Country__c	Picklist		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Location Name	Name	Text(80)		✓
Owner	OwnerId	Lookup(User/Group)		✓
Postal Code	Postal_Code__c	Text(40)		
State	State__c	Text(40)		
Street	Street__c	Text(40)		

The screenshot shows the Salesforce Setup interface for the 'Event Registration' object. The 'Fields & Relationships' section is active, displaying a table of 6 fields. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed status.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Attendee	Attendee__c	Lookup(Attendee)		✓
Created By	CreatedById	Lookup(User)		
Event	Event__c	Master-Detail(Event)		✓
Event Location	Event_Location__c	Lookup(Event Location)		✓
Event Registration Name	Name	Text(80)		✓
Last Modified By	LastModifiedById	Lookup(User)		

Relationships:

Many-to-Many Relationships :

- Event Registration (for Event–Attendee): An attendee can attend many events; an event has many attendees.
- Event Speaker (for Event–Speaker): A speaker can present at many events; one event can have multiple speakers.

- **Standard Lookups** : allow easy reference to address/location for both attendees and speakers.
- **Organizer Lookup** : helps assign responsibility and access control for each event.
- **Master-Detail Relationships** : enable roll-up summaries on parent objects (for counts, stats)

- **Roll-Up Summaries**: On Event for Total Registrations and People Attending.
- **Schema Builder**: Visual verification of all object relationships.

