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

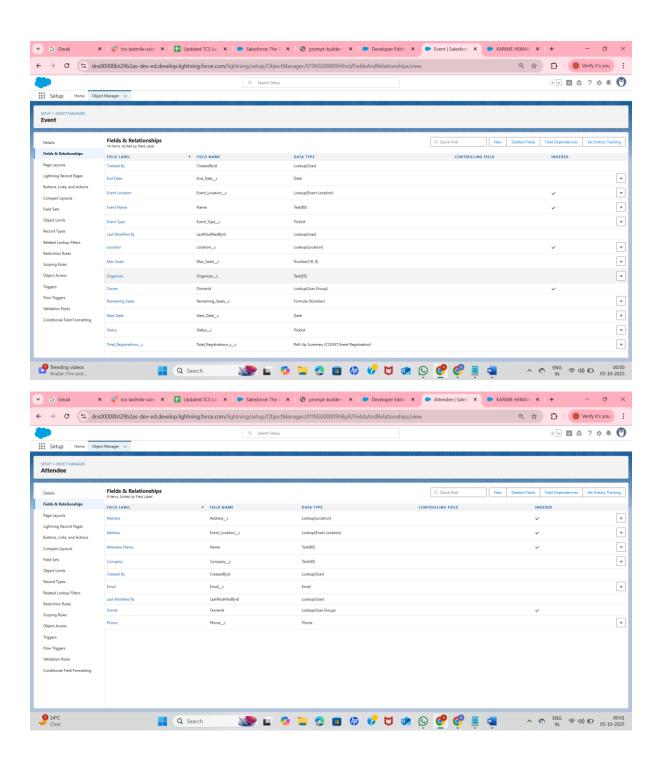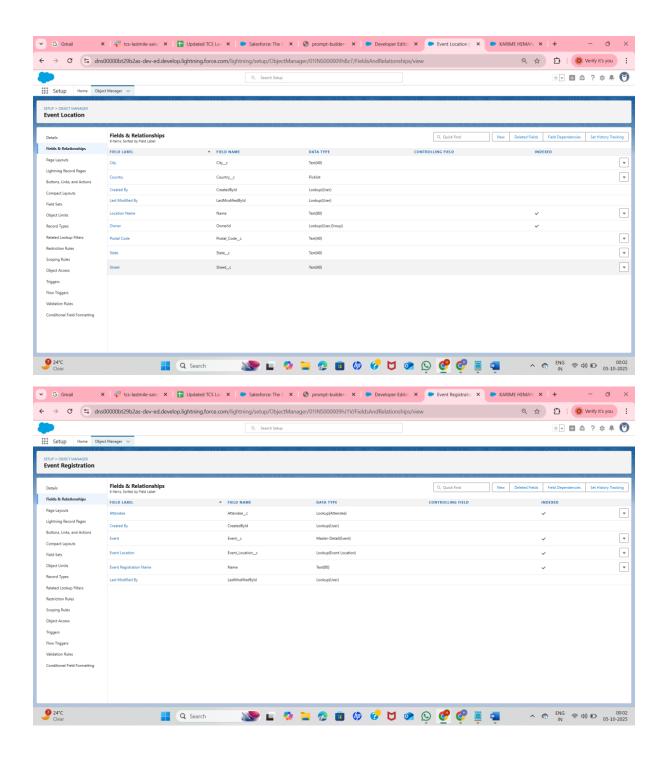 Address: Lookup (Location object)

  Location

  Street: Text

  City: Text

  State: Text

  Postal Code: Text

  Country: Picklist

Event

Fields & Relationships
14 Items, Sorted by Field Label

Quick Find | New | Deleted Fields | Field Dependencies | Set History Tracking

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_c	Roll-Up Summary (COUNT Event Registration)		

Attendee

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
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		

- **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)
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- **Roll-Up Summaries**: On Event for Total Registrations and People Attending.

- **Schema Builder**: Visual verification of all object relationships.