

Phase 3: Data Modeling & Relationships

Goal: Build the data structure for Membership & Subscription Manager.

Objects:

- Member (Custom)
- Subscription (Custom) - Invoice (Custom)

The screenshot shows the Salesforce Object Manager interface for the 'Subscription' object. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The breadcrumb trail is 'SETUP > OBJECT MANAGER'. The main header is 'Subscription'. On the left, a sidebar lists various configuration options: Details (selected), Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Restriction Rules. The 'Details' section is expanded, showing a table of object properties. The table has two columns: the first column lists properties and their values, and the second column shows the status of each property.

Details	
Description	
API Name	
Subscription__c	
Custom	
✓	
Singular Label	
Subscription	
Plural Label	
Subscriptions	
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	
Standard salesforce.com Help Window	

The screenshot shows the Salesforce Object Manager interface for the 'Member' object. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The breadcrumb trail is 'SETUP > OBJECT MANAGER'. The main header is 'Member'. On the left, a sidebar lists various configuration options: Details (selected), Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Restriction Rules. The 'Details' section is expanded, showing a table of object properties. The table has two columns: the first column lists properties and their values, and the second column shows the status of each property.

Details	
Description	
API Name	
Member__c	
Custom	
✓	
Singular Label	
Member	
Plural Label	
Members	
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	
Standard salesforce.com Help Window	

Fields:

- Member → Name, Email, Phone, Membership Type, Join Date
- Subscription → Plan, Start Date, End Date, Status - Invoice → Amount, Due Date, Paid Status

Relationships:

- Subscription → Lookup(Member)
- Invoice → Lookup(Subscription)

Structure: Member (1) → (Many) Subscriptions → (Many) Invoices

SETUP > OBJECT MANAGER

Invoice

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Details

Description

API Name

Invoice

Custom

Singular Label

Invoice

Plural Label

Invoices

SETUP > OBJECT MANAGER

Member

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

Screening Rules

Fields & Relationships

7 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
Created By	CreatedById	Lookup(User)		
Email	Email_c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Member Name	Name	Text(80)		✓
MemberShip Status	Member_Ship_c	Picklist		
Owner	OwnerId	Lookup(User,Group)		✓
Phone	Phone_c	Phone		

Page Layouts:

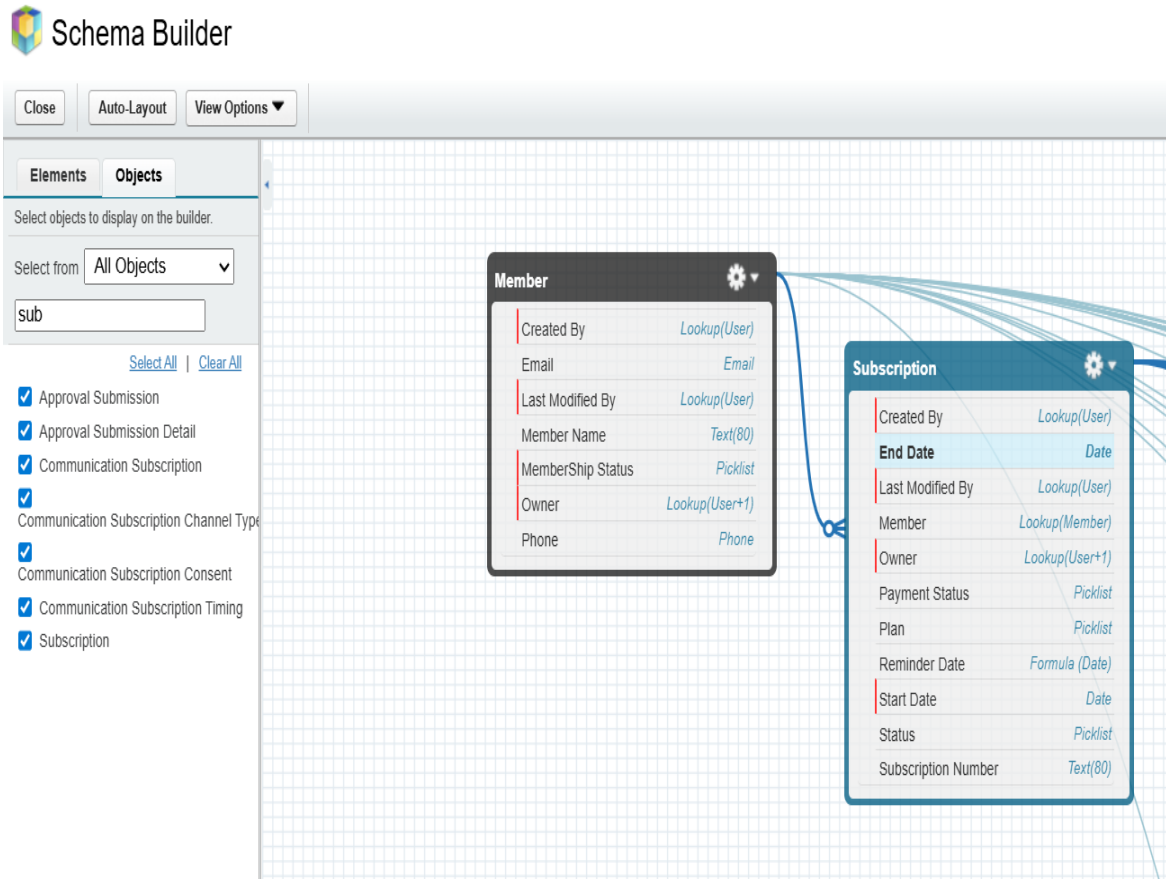
- Member page shows related Subscriptions- Subscription page shows related Invoices

Compact Layouts:

- Member: Name, Email, Phone, Type- Subscription: Plan, Status, Start/End Date

Schema Builder:

Visual representation of Member → Subscription → Invoice relationships.



Conclusion:

The data model ensures Members are linked to their Subscriptions and Invoices, giving a clear and relational structure that supports automation and reporting.