


Phase 3 – Data Modeling and Relationships

Goal of the Data Model

Step 1: Create custom tabs

- Create trainings as a custom object




 **SETUP**
Tabs

Custom Tabs [Help for this Page](#)

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs [New](#) [What Is This?](#)

Action	Label	Tab Style	Description
Edit Del	Mentors	 Bell	
Edit Del	Students	 Desk	
Edit Del	Trainings	 Castle	

Web Tabs [New](#) [What Is This?](#)

No Web Tabs have been defined

Visualforce Tabs [New](#) [What Is This?](#)

No Visualforce Tabs have been defined

Lightning Component Tabs [New](#) [What Is This?](#)

No Lightning component tabs have been defined

Lightning Page Tabs [New](#) [What Is This?](#)

Step 2: Relationships

Create contact object

Contact ↔ Training Session

Many-to-Many relationship using a junction object:

Junction Object: Contact_Training__c

- Lookup or Master-Detail to Contact
- Lookup or Master-Detail to Training_Session__c

The screenshot shows the Salesforce Setup interface for the 'Contact' object. The breadcrumb trail at the top reads 'SETUP > OBJECT MANAGER'. The main heading is 'Contact'. On the left, a sidebar menu 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, Search Layouts, List View Button Layout, Hierarchy Columns, Scoping Rules, and Object Access. The main content area is titled 'Details' and contains several configuration fields:

Details	
Description	
API Name	Enable Reports
Contact	
Custom	Track Activities
Singular Label	Track Field History
Contact	
Plural Label	Deployment Status
Contacts	
	Help Settings
	Standard salesforce.com Help Window

Step 3: Create training object

Training_Session__c

- Custom Object
- Fields:
 - Training_Date__c (Date)
 - Type__c (Picklist)
 - Duration__c (Number)
 - Trainer__c (Lookup to User or Contact)
 - Location__c (Text)

The screenshot shows the Salesforce Setup interface for the 'Training' custom object. The top navigation bar includes the Salesforce logo, a search bar labeled 'Search Setup', and tabs for 'Setup', 'Home', and 'Object Manager'. The 'Object Manager' tab is selected, and the breadcrumb trail shows 'SETUP > OBJECT MANAGER'. The main heading is 'Training'. On the left, a sidebar lists various configuration options under the 'Details' section, including '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', and 'Flow Triggers'. The main content area displays the 'Details' for the 'Training' object, showing the following fields:

Description	
API Name	Training__c
Custom	✓
Singular Label	Training
Plural Label	Trainings
Enable Reports	
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	
Standard salesforce.com Help Window	