

Phase 3 :- Data Modeling & Relationships

1. Custom Objects and their Fields and layout

a. Employee(Object_1)

The screenshot shows the 'Details' page for the 'Employee' custom object in Salesforce. The left sidebar contains a list of configuration options: 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, Scoping Rules, Object Access, and Triggers. The main content area is titled 'Details' and includes a description field, API Name (Employee__c), Custom checkbox, Singular Label (Employee), Plural Label (Employees), Enable Reports, Track Activities, Track Field History, Deployment Status (Deployed), Help Settings, and a link to the Standard Salesforce.com Help Window. Edit and Delete buttons are in the top right corner.

Fields And Relationships

The screenshot shows the 'Fields & Relationships' page for the 'Employee' custom object in Salesforce. The left sidebar contains a list of configuration options: 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, Scoping Rules, and Object Access. The main content area is titled 'Fields & Relationships' and includes a search bar, a table of fields, and buttons for New, Deleted Fields, Field Dependencies, and Set History Tracking. The table has columns for Field Label, Field Name, Data Type, Controlling Field, and Indexed. The fields listed are Created By, Department, Employee Name, Job Role, Last Modified By, and Owner.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Department	Department__c	Picklist		
Employee Name	Name	Text(80)		✓
Job Role	Job_Role__c	Text(50)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

Page Layout

SaveQuick SavePreview As...CancelUndoRedoLayout Properties

Fields

ButtonsQuick ActionsMobile & Lightning ActionsExpanded LookupsRelated ListsReport Charts

Quick FindField Name

SectionEmployee Name

Blank SpaceJob Role

Created ByLast Modified By

DepartmentOwner

Mobile Cards (Salesforce mobile only)

Drag expanded lookups and mobile-enabled Visualforce pages here to display them as mobile cards.

Related Lists

Training Programs

NewChange Owner

Training Program Name	Title	Start Date	End Date
Sample Text	Sample Text	9/27/2025	9/27/2025

Certifications

NewChange Owner

Certification: Certification Name	Skill: Skill Name	Certification: Status	Certification: Score	Certification: Completion Date
Sample Text	Sample Text	Sample Text	5	9/27/2025

Compact Page Layout

Compact layouts are used in the mobile app and some Chatter feed items to display a record's key fields at a glance. You can select and prioritize up to ten fields for the compact layout, but the number of fields that display may vary based on the device's screen, which record page is being viewed, and the permissions of the user.

Compact Layout EditSaveCancel

Enter Compact Layout Information

LabelEmployee Highlights

NameEmployee_Highlights

Select Compact Layout Fields

Available Fields

Created ByLast Modified ByOwner

AddRemove

Selected Fields

Employee NameDepartmentJob Role

TopUpDownBottom

Use SHIFT + click to select adjacent fields. Use CTRL + click to select an assortment of fields.

SaveCancel

b. Training Program(Object_2)

Details

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

Restriction Rules

Details

Description

API Name
Training_Program__c

Custom

✓

Singular Label
Training Program

Plural Label
Training Programs

Enable Reports
✓

Track Activities

Track Field History

Deployment Status
Deployed

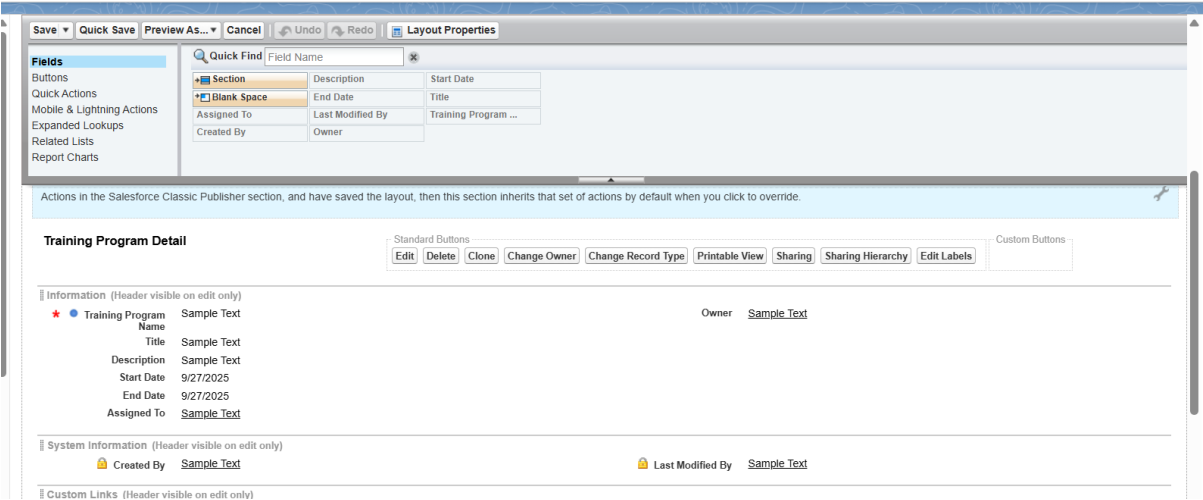
Help Settings
Standard salesforce.com Help Window

EditDelete

Fields And Relationships

Details	<div>Fields & Relationships</div> <div>9 Items, Sorted by Field Label</div> <div>Q, Quick FindNewDeleted FieldsField DependenciesSet History Tracking</div>				
Fields & Relationships	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Page Layouts	Assigned To	Assigned_To__c	Lookup(Employee)		✓
Lightning Record Pages	Created By	CreatedById	Lookup(User)		
Buttons, Links, and Actions	Description	Description__c	Long Text Area(32768)		
Compact Layouts	End Date	End_Date__c	Date		
Field Sets	Last Modified By	LastModifiedById	Lookup(User)		
Object Limits	Owner	OwnerId	Lookup(User,Group)		✓
Record Types	Start Date	Start_Date__c	Date		
Related Lookup Filters	Title	Title__c	Text(100)		
Search Layouts	Training Program Name	Name	Text(80)		✓
List View Button Layout					
Restriction Rules					
Scoping Rules					

Page Layout



Compact Page Layout

Compact Layouts

Items, Sorted by Label

Quick Find

New

Compact Layout Assignment

Label	API Name	Primary	Modified By	Last Modified
System Default	SYSTEM	✓		

c. Skill(Object_3)

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Details

Description

API Name

Skill_c

Custom

✓

Singular Label

Skill

Plural Label

Skills

Enable Reports

✓

Track Activities

Track Field History

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

EditDelete

Fields And Relationships

Details

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

Fields & Relationships

6 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)		
Last Modified By	LastModifiedById	Lookup(User)		
Level	Level__c	Picklist		
Owner	OwnerId	Lookup(User,Group)		✓
Skill Name	Skill_Name__c	Text(100)		
Skills Name	Name	Text(80)		✓

Page Layout

Save

Quick Save

Preview As...

Cancel

Undo

Redo

Layout Properties

Fields

Buttons

Quick Actions

Mobile & Lightning Actions

Expanded Lookups

Related Lists

Report Charts

Q Quick Find

Field Name

Section

Blank Space

Created By

Last Modified By

Level

Owner

Skill Name

Skills Name

Clone

Delete

Clone

Change Owner

Change Record Type

Printable View

Sharing

Sharing Hierarchy

Edit Layouts

Information (Header visible on edit only)

Skills Name

Skill Name

Level

Sample Text

Sample Text

Sample Text

Owner

Sample Text

System Information (Header visible on edit only)

Created By

Sample Text

Last Modified By

Sample Text

Custom Links (Header visible on edit only)

Mobile Cards (Salesforce mobile only)

Drag expanded lookups and mobile-enabled Visualforce pages here to display them as mobile cards.

Related Lists

Compact Page Layout

Compact Layouts

1 Items, Sorted by Label

Q Quick Find

New

Compact Layout Assignment

LABEL	API NAME	PRIMARY	MODIFIED BY	LAST MODIFIED
System Default	SYSTEM	✓		

d. Certifications(Object_4)

Details

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

Restriction Rules

Details

Description

API Name

Custom

Singular Label

Plural Label

Enable Reports

Track Activities

Track Field History

Deployment Status

Help Settings

Certification__c

✓

Certification

Certifications

✓

Deployed

Standard salesforce.com Help Window

Edit

Delete

Fields And Relationships

Details

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

Restriction Rules

Scoping Rules

Fields & Relationships

8 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
Certification Name	Name	Text(80)		✓
Completion Date	Completion_Date__c	Date		
Created By	CreatedById	Lookup(User)		
Employee	Employee__c	Master-Detail(Employee)		✓
Last Modified By	LastModifiedById	Lookup(User)		
Score	Score__c	Number(3, 0)		
Skill	Skill__c	Master-Detail(Skill)		✓
Status	Status__c	Picklist		

Page Layout

Save

Quick Save

Preview As...

Cancel

Undo

Redo

Layout Properties

Fields

Buttons

Quick Actions

Mobile & Lightning Actions

Expanded Lookups

Related Lists

Report Charts

Quick Find

Field Name

Section

Blank Space

Certification Name

Completion Date

Created By

Employee

Last Modified By

Score

Skill

Status

System Information (Header visible on edit only)

Created By

Last Modified By

Custom Links (Header visible on edit only)

Mobile Cards (Salesforce mobile only)

Drag expanded lookups and mobile-enabled Visualforce pages here to display them as mobile cards.

Related Lists

Approval History

Date	Status	Assigned To	Actual Approver	Comments
9/27/2025, 12:53 AM	Sample Text	Sarah Sample	Sarah Sample	Sample Text

Compact Page Layout

Compact Layouts

1 Items, Sorted by Label

Quick Find

New Compact Layout Assignment

LABEL	API NAME	PRIMARY	MODIFIED BY	LAST MODIFIED
System Default	SYSTEM	✓		

Schema Builder

