

Phase 3: Data Modelling & Relationships Report

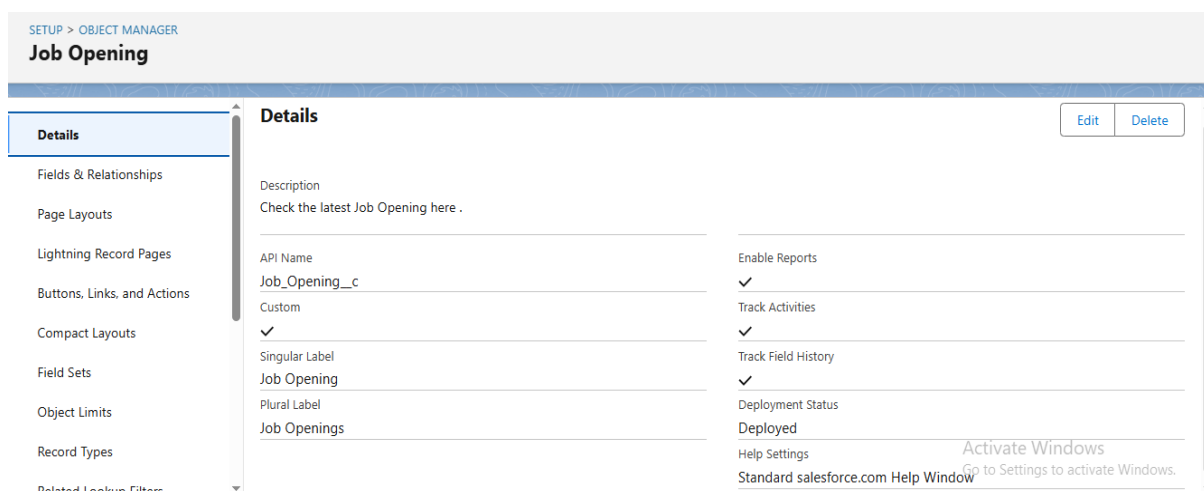
1. Objective

- To design the **data model** for Smart Recruiter that supports job openings, applications, interviews, and applicant tracking.
- To define relationships between objects, fields, page layouts, record types, and file handling.

2. Objects Created

List all the objects in my project the Smart Recruiter with description of each .

- **Job Opening _c** -> It is a custom object created for storing for the Job opening details from the different organisations.



- **Application _c** -> this is also a custom object that is used to store the applicant records that applied for the job opening.

SETUP > OBJECT MANAGER

Application

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters

Details

EditDelete

Description

The Applicant job applications are available here .

API Name

Application__c

Custom

✓

Singular Label

Application

Plural Label

Applications

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

- Interview -> This is a custom object that is used for storing scheduled interview details and track details for applicant shortlisted for interview.

SETUP > OBJECT MANAGER

Interview

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters

Details

EditDelete

Description

The applicants that are Shortlisted have their details here.

API Name

Interview__c

Custom

✓

Singular Label

Interview

Plural Label

Interviews

Enable Reports

✓

Track Activities

✓

Track Field History

✓

Deployment Status

Deployed

Help Settings

Standard salesforce.com Help Window

- Account -> This is a standard object that is used to store details of the organisations that has provided a job opening.

SETUP > OBJECT MANAGER

Account

Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters

Details

EditDelete

Description

API Name

Account

Custom

Singular Label

Account

Plural Label

Accounts

Enable Reports

Track Activities

Track Field History

Deployment Status

Help Settings

Standard salesforce.com Help Window

- **Contact** -> this is a standard object that is used for storing application contact details.

SETUP > OBJECT MANAGER

Contact

Details

- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters

Details

Description

API Name
Contact

Custom

Singular Label
Contact

Plural Label
Contacts

Enable Reports

Track Activities

Track Field History

Deployment Status

Help Settings
Standard salesforce.com Help Window

3. Fields

- Job Opening Objects fields are shown in the image below.

Setup Home Object Manager

SETUP > OBJECT MANAGER

Job Opening

Details

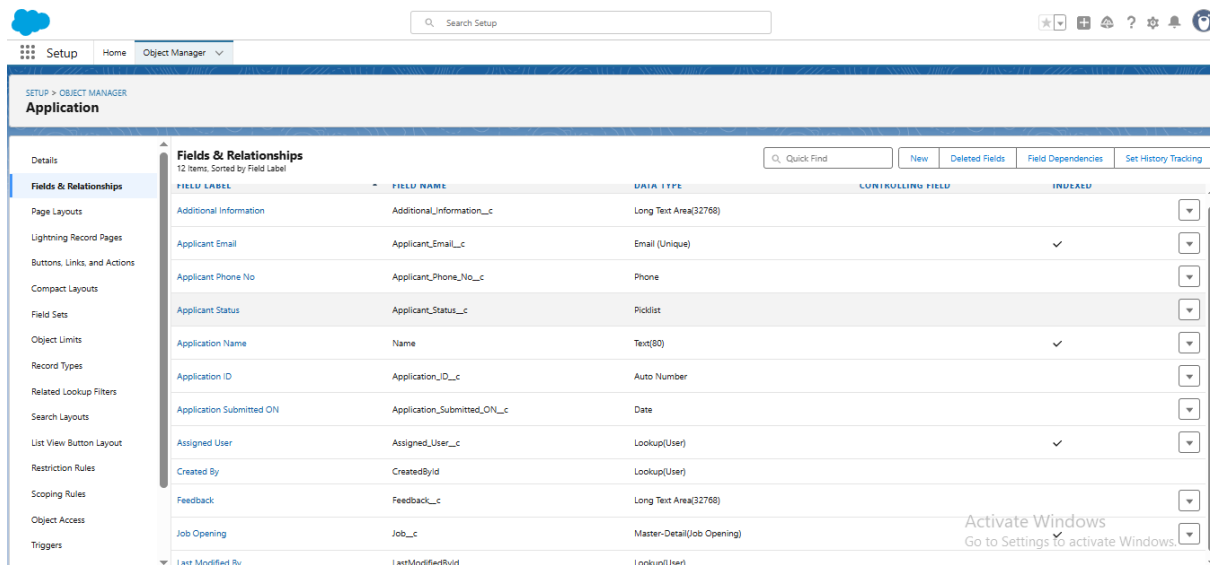
- Fields & Relationships
- Page Layouts
- Lightning Record Pages
- Buttons, Links, and Actions
- Compact Layouts
- Field Sets
- Object Limits
- Record Types
- Related Lookup Filters
- Restriction Rules
- Scoping Rules
- Object Access
- Triggers
- Flow Triggers
- Validation Rules
- Conditional Field Formatting

Fields & Relationships
15 Items, Sorted by Field Label

[New](#)
[Deleted Fields](#)
[Field Dependencies](#)
[Set History Tracking](#)

Application Uptime	Application_Uptime__c	Lookup (Time)	
Created By	CreatedById	Lookup (User)	
Employment Type	Employment_Type__c	Picklist	
Experienced Required	Experienced_Required__c	Text (100)	
Job Description	Job_Description__c	Text Area (255)	
Job Location	Job_Location__c	Text (100)	
Job Opening Name	Name	Text (80)	✓
Job Posting Date	Job_Posting_Date__c	Date	
Job Title	Job_Title__c	Text (100)	
Last Modified By	LastModifiedById	Lookup (User)	
No of openings	No_of_openings__c	Number (18, 0)	
Organisation	Organisation__c	Master-Detail (Account)	✓
Record Type	RecordTypeId	Record Type	✓
Required Skill Set & Certifications	Required_Skill_Set_Certifications__c	Text Area (255)	
Salary Rate	Salary_Rate__c	Number (18, 0)	

- Application Object Fields are shown in the image below.



Setup > OBJECT MANAGER

Application

Details

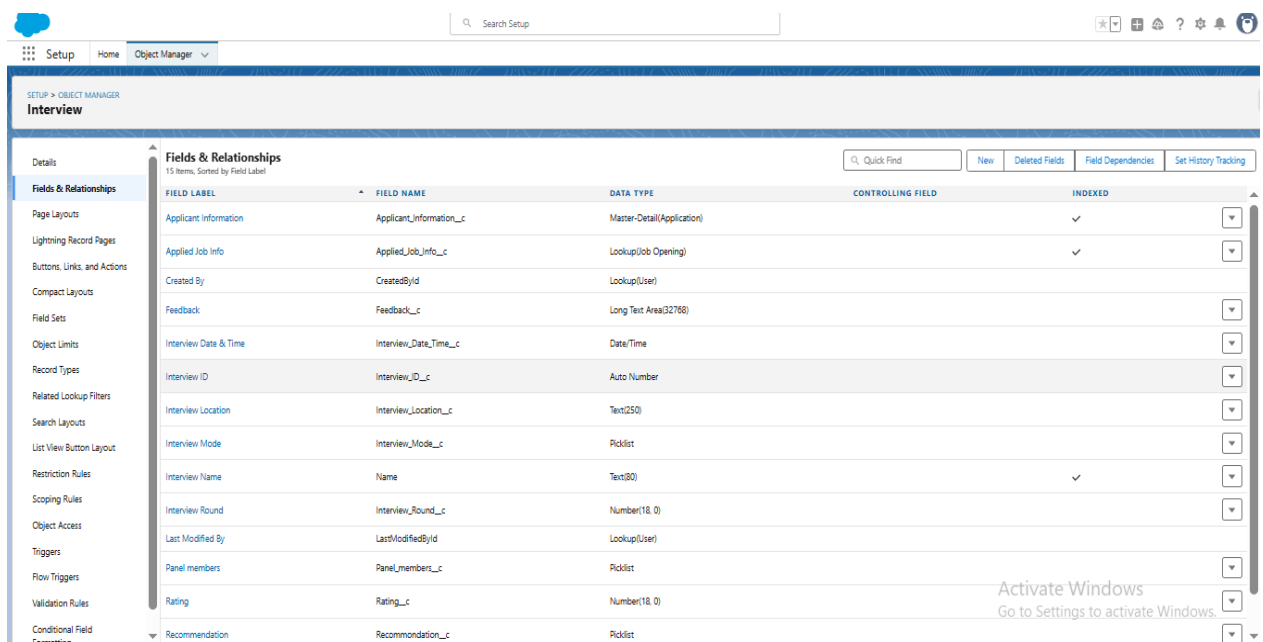
Fields & Relationships
12 Items, Sorted by Field Label

Q Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Additional Information	Additional_Information__c	Long Text Area(32768)		
Applicant Email	Applicant_Email__c	Email (Unique)		✓
Applicant Phone No	Applicant_Phone_No__c	Phone		
Applicant Status	Applicant_Status__c	Picklist		
Application Name	Name	Text(80)		✓
Application ID	Application_ID__c	Auto Number		
Application Submitted ON	Application_Submitted_ON__c	Date		
Assigned User	Assigned_User__c	Lookup(User)		✓
Created By	CreatedBy	Lookup(User)		
Feedback	Feedback__c	Long Text Area(32768)		
Job Opening	Job__c	Master-Detail(Job Opening)		
Last Modified By	LastModifiedById	Lookup(User)		

Activate Windows
Go to Settings to activate Windows.

- Interview Objects Fields are shown in the image below.



Setup > OBJECT MANAGER

Interview

Details

Fields & Relationships
15 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
Applicant Information	Applicant_Information__c	Master-Detail(Application)		✓
Applied Job Info	Applied_Job_Info__c	Lookup(Job Opening)		✓
Created By	CreatedBy	Lookup(User)		
Feedback	Feedback__c	Long Text Area(32768)		
Interview Date & Time	Interview_Date_Time__c	Date/Time		
Interview ID	Interview_ID__c	Auto Number		
Interview Location	Interview_Location__c	Text(250)		
Interview Mode	Interview_Mode__c	Picklist		
Interview Name	Name	Text(80)		✓
Interview Round	Interview_Round__c	Number(18, 0)		
Last Modified By	LastModifiedById	Lookup(User)		
Panel members	Panel_Members__c	Picklist		
Rating	Rating__c	Number(18, 0)		
Recommendation	Recommendation__c	Picklist		

Activate Windows
Go to Settings to activate Windows.

- Account and contacts are standard objects therefore their fields are present by default in the salesforce.

4. Record Types

- Job Opening:**
 - Full-Time – A record type for storing full-time job opening details.

- Internship-A record type for storing Internship job opening details
- Each record type has its **own page layout** (Full-Time Layout, Internship Layout).

New Job Opening

Select a record type

☒ Full Time
Create a full time job opening

☐ Intern

Cancel Next

5. Page Layouts

- **Job Opening:** Single layout showing details required for the Job Opening.
- **Application:** Single layout showing applicant info, resume, job applied, and status.
- **Interview** Layout shows interview details essential for scheduling an interview.

6. Compact Layouts

- **Job Opening Compact Layout:** Job Title, Location, Status.

Job Opening Compact Layout
Job Quick View

Compact Layout Detail

Label	API Name	Included Fields	Object Name
Job Quick View	Job_Quick_View	Job Title Job Location Job Opening Name	Job Opening

Created By: HR Manager, 17/09/2025, 8:45 pm
Modified By: HR Manager, 17/09/2025, 8:45 pm

Activate Windows
Go to Settings to activate Windows.

- **Application Compact layout:** Application name, Application status etc.

Application Compact Layout
Applicant Quick View
[Help for this Page](#)

[Back to Application](#)

Compact Layout Detail
Edit
Clone
Delete
Compact Layout Assignment

Label	Applicant Quick View	Object Name	Application
API Name	Applicant_Quick_View		
Included Fields	Application Name Applicant Status Job Opening		
Created By	HR Manager, 17/09/2025, 8:46 pm	Modified By	HR Manager, 17/09/2025, 8:46 pm

Edit
Clone
Delete
Compact Layout Assignment

Activate Windows
Go to Settings to activate Windows.

- Quick Interview Compact layout:** Interview Date & Time, Recommendation
Interview Location

Interview Compact Layout
Interview Quick View
[Help for this Page](#)

[Back to Interview](#)

Compact Layout Detail
Edit
Clone
Delete
Compact Layout Assignment

Label	Interview Quick View	Object Name	Interview
API Name	Interview_Quick_View		
Included Fields	Interview Date & Time Interview Location Panel members Recommendation		
Created By	HR Manager, 17/09/2025, 8:48 pm	Modified By	HR Manager, 17/09/2025, 8:48 pm

Edit
Clone
Delete
Compact Layout Assignment

Activate Windows
Go to Settings to activate Windows.

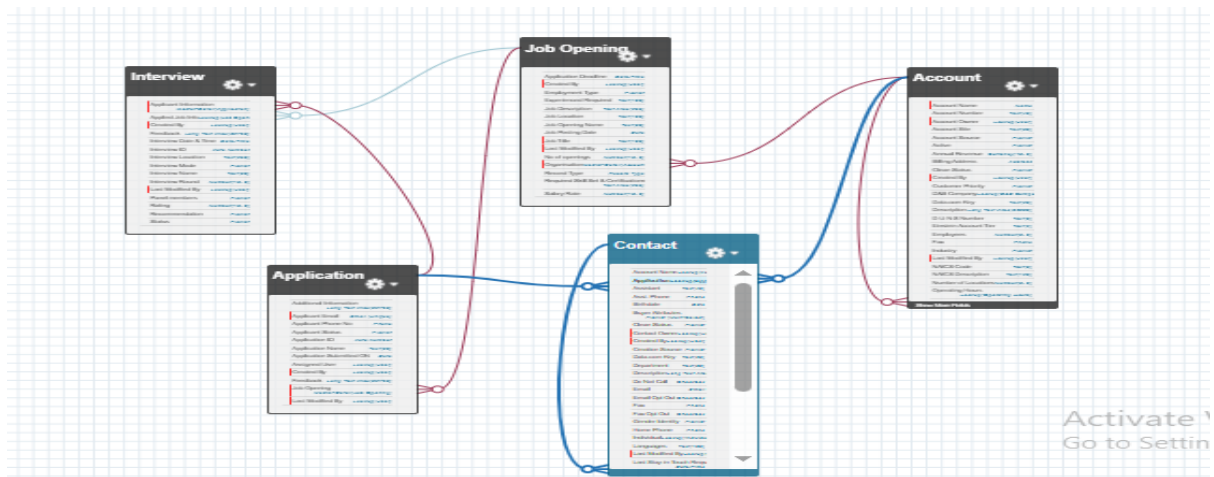
7. Object Relationships

Include all relationships between all the objects used by me till now .

Parent Object	Child Object	Relationship Type	Notes
Account	JobOpening_c	Master-Detail	Deleting Account deletes all Jobs
JobOpening_c	Application_c	Master-Detail	Applications tied to Job
Application_c	Interview_c	Master-Detail	Interviews tied to Application
Application_c	Contact	Lookup	Applicant can apply to multiple jobs

6. Schema Builder

- Use Schema Builder to **visualize relationships** between objects.
- Example: One **Job Opening _c** has many **Application__c** records.



8. Junction Objects

- Junction object is an object that is used for creating many to many relationships between two objects.
- I Have not used the Junction Object in my Project I may be showing it while working in the future scope.

9. External Objects

- Suppose Smart Recruiter wants to pull **job data from a third-party system (like LinkedIn/Indeed)**. I Have Planned this idea as my future scope.

