

Phase 3: Relationships & Data Modeling

This phase covers creating custom objects, fields, relationships, layouts, and adding sample data.

Step 1: Create Custom Objects Navigation:

Setup → Object Manager → Create → Custom Object

Objects to create:

Object Name	API Name	Purpose
Youth	Youth_c	Tracks youth registration info
Job	Job_c	Tracks job postings
Skill	Skill_c	Stores skill names like Java, Python
Interview	Interview_c	Stores interview details
YouthSkill	YouthSkill_c	Links Youth → Skill (Master-Detail on Youth, Lookup to Skill)
JobSkill	JobSkill_c	Links Job → Skill (Master-Detail on Job, Lookup to Skill)

The image consists of three vertically stacked screenshots of the Salesforce Object Manager. Each screenshot shows a table with columns: Label, API Name, Type, Description, Last Modified, and Deployed. The first screenshot shows the creation of the 'Youth' object with API name 'Youth_c'. The second screenshot shows the creation of the 'Job' object with API name 'Job_c'. The third screenshot shows the creation of the 'Interview' object with API name 'Interview_c'. All objects are listed as Custom Objects and have been modified on 11/3/2025.

Label	API Name	Type	Description	Last Modified	Deployed
Youth	Youth_c	Custom Object		11/3/2025	✓
YouthSkill	YouthSkill_c	Custom Object		11/3/2025	✓

Label	API Name	Type	Description	Last Modified	Deployed
Job	Job_c	Custom Object		11/3/2025	✓
JobSkill	JobSkill_c	Custom Object		11/3/2025	✓

Label	API Name	Type	Description	Last Modified	Deployed
Interview	Interview_c	Custom Object		11/3/2025	✓
Interview Skill	Interview_Skill_c	Custom Object		11/3/2025	✓

Step 2:Create Fields

Each object needs fields to capture record details.

Youth__c Fields

Field Name	Type	Notes
Email__c	Email	Email address of youth
Location__c	Text(255)	City/region
Qualification__c	Text	Education level
Preferred_Role__c	Picklist	Options: Developer, Designer, Sales

Job__c Fields

Field Name	Type	Notes
Location__c	Text(255)	City/region of job
Description__c	Long Text	Job description
Required_Experience__c	Number/Text	Experience in years
Status__c	Picklist	Options: Open, Closed

Interview__c Fields

Field Name	Type	Notes
Interview_Date__c	DateTime	Scheduled date/time
Status__c	Picklist	Scheduled, Completed, Cancelled, Feedback_Given

Field Name	Type	Notes
Candidate__c	Lookup → Youth__c	Links to the youth being interviewed
Job__c	Lookup → Job__c	Links to the job
Interviewer__c	Lookup → User	Recruiter/interviewer
Feedback__c	Long Text Area	Interview feedback

Setup > Object Manager > Youth

Fields & Relationships				
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Email	Email__c	Email		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(255)		
Owner	OwnerId	Lookup(User,Group)		
Preferred Role	Preferred_Role__c	Picklist		
Qualification	Qualification__c	Text(100)		
Youth ID	Name	Auto Number		

Setup > Object Manager > Job

Fields & Relationships				
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Description	Description__c	Long Text Area(32768)		
Job Name	Name	Text(80)		
Last Modified By	LastModifiedById	Lookup(User)		
Location	Location__c	Text(255)		
Owner	OwnerId	Lookup(User,Group)		
Required Experience	Required_Experience__c	Number(18, 0)		
Status	Status__c	Picklist		

Fields & Relationships					
	FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate	Candidate	Candidate_c	Lookup(Youth)		✓
Candidate Name	Candidate Name	Candidate_Name_c	Formula (Text)		▼
Created By	Created By	CreatedById	Lookup(User)		▼
Feedback	Feedback	Feedback_c	Long Text Area(32768)		▼
Interview Date	Interview Date	Interview_Date_c	Date/Time		▼
Interview ID	Interview ID	Name	Auto Number		▼
Interviewer	Interviewer	Interviewer_c	Lookup(User)		▼
Job	Job	Job_c	Lookup(Job)		▼
Job Title	Job Title	Job_Title_c	Formula (Text)		▼
Last Modified By	Last Modified By	LastModifiedById	Lookup(User)		▼
Owner	Owner	OwnerId	Lookup(User Group)		▼
Result	Result	Result_c	Picklist		▼
Status	Status	Status_c	Picklist		▼

Step 3: Create Relationships

YouthSkill__c

- Master-Detail → Youth__c
- Lookup → Skill__c

JobSkill__c

- Master-Detail → Job__c
- Lookup → Skill__c

Step 4: Configure Page Layouts

Youth__c Layout

- Fields: Email, Location, Qualification, Preferred Role
- Related Lists: YouthSkill__c, Interview__c

Job__c Layout

- Fields: Location, Description, Required Experience, Status
- Related Lists: JobSkill__c, Interview__c

Interview__c Layout

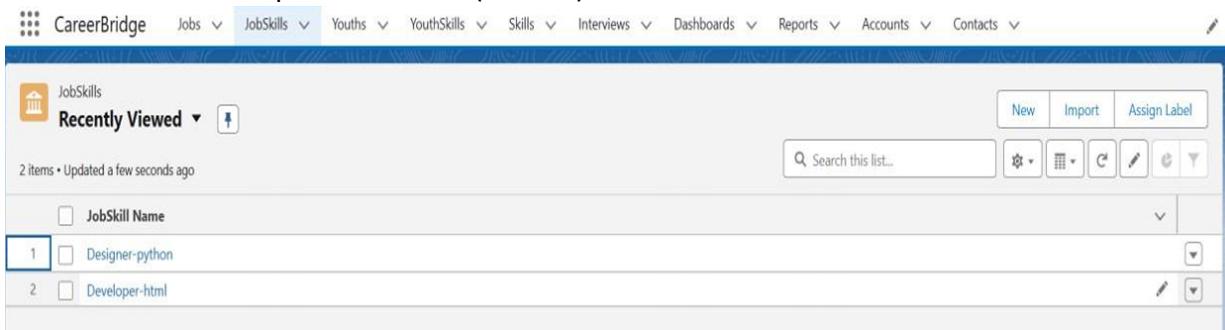
- Fields: Candidate, Job, Interview Date, Interviewer, Status, Feedback

Step 5: Add Sample Records

- **Skills:** Java, Python, HTML
- **Youth:** Test Youth → Email: test@y.com, Location: Hyderabad
- **Job:** Java Developer → Location: Hyderabad, Status: Open

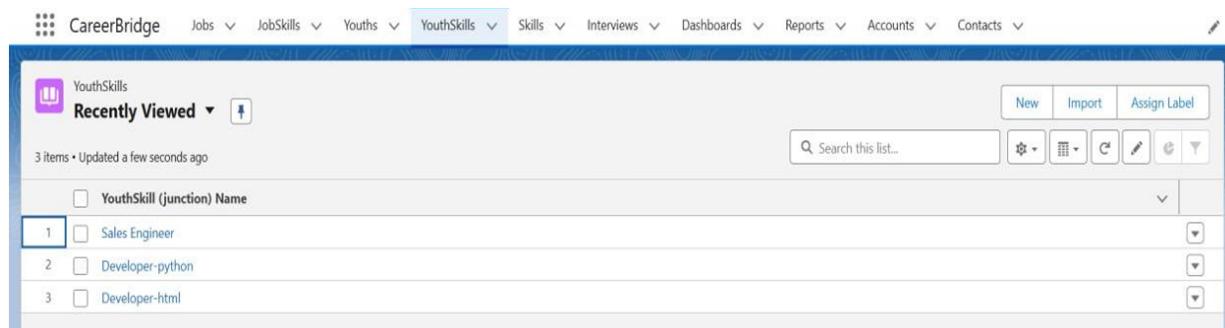
Link YouthSkill & JobSkill

- Test Youth → Java (YouthSkill)
- Java Developer Job → Java (JobSkill)



The screenshot shows the 'JobSkills' list page in the CareerBridge application. The top navigation bar includes links for CareerBridge, Jobs, JobSkills, Youths, YouthSkills, Skills, Interviews, Dashboards, Reports, Accounts, and Contacts. The 'JobSkills' link is currently selected and highlighted in blue. The main content area displays a table titled 'JobSkills' with a 'Recently Viewed' dropdown menu. The table has columns for a checkbox, the skill name, and a delete icon. Two items are listed: 'Designer-python' (checkbox checked) and 'Developer-html' (checkbox unchecked). A search bar and filter icons are at the top right of the table.

	JobSkill Name	
1	<input checked="" type="checkbox"/> Designer-python	
2	<input type="checkbox"/> Developer-html	



The screenshot shows the 'YouthSkills' list page in the CareerBridge application. The top navigation bar includes links for CareerBridge, Jobs, JobSkills, Youths, YouthSkills, Skills, Interviews, Dashboards, Reports, Accounts, and Contacts. The 'YouthSkills' link is currently selected and highlighted in blue. The main content area displays a table titled 'YouthSkills' with a 'Recently Viewed' dropdown menu. The table has columns for a checkbox, the skill name, and a delete icon. Three items are listed: 'Sales Engineer' (checkbox checked), 'Developer-python' (checkbox checked), and 'Developer-html' (checkbox unchecked). A search bar and filter icons are at the top right of the table.

	YouthSkill (junction) Name	
1	<input checked="" type="checkbox"/> Sales Engineer	
2	<input checked="" type="checkbox"/> Developer-python	
3	<input type="checkbox"/> Developer-html	