

Project Report Template

1 INTRODUCTION

1.1 Overview

Today's discussion will focus on the implementation of the new applicant tracking system which has been the result of a multi-year effort including:

- ◆ Research with end users (applicants, hiring managers, and HR analysts) to understand pain points and prototype solutions to address them
- ◆ Procurement of a modern applicant tracking system that addresses key pain points identified in research while staying true to the merit system
- ◆ Phased implementation collecting ongoing feedback from initial users that has allowed us to continuously improve our solution

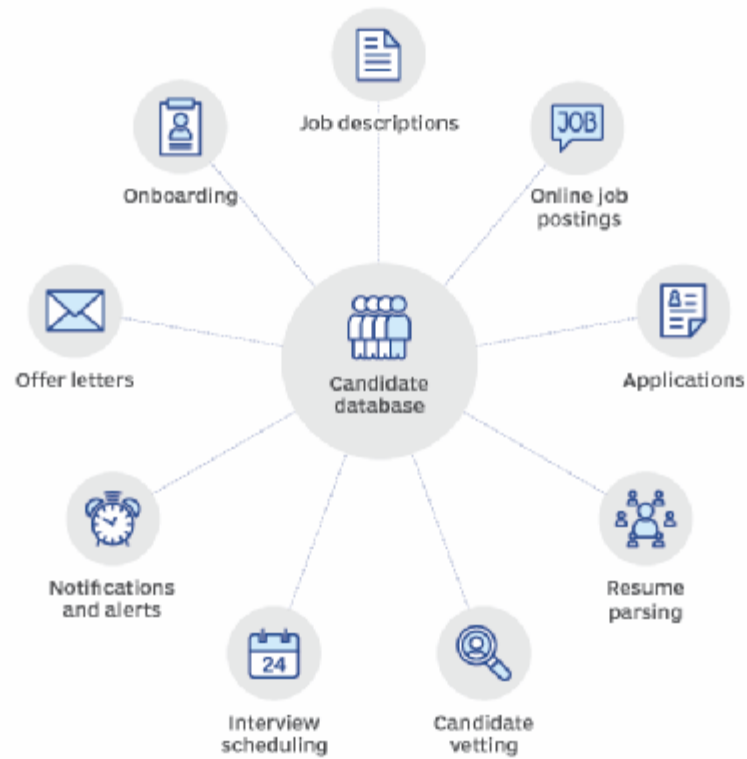
1.2 Purpose

An ATS creates opportunities to automate manual processes, increase visibility into the hiring cycle for the entire recruiting team, and increase opportunities for communication throughout the candidate journey. 78% of recruiters using an ATS report that it has improved the quality of the candidates they hire.

2 Problem Definition & Design Thinking

2.1 Empathy Map

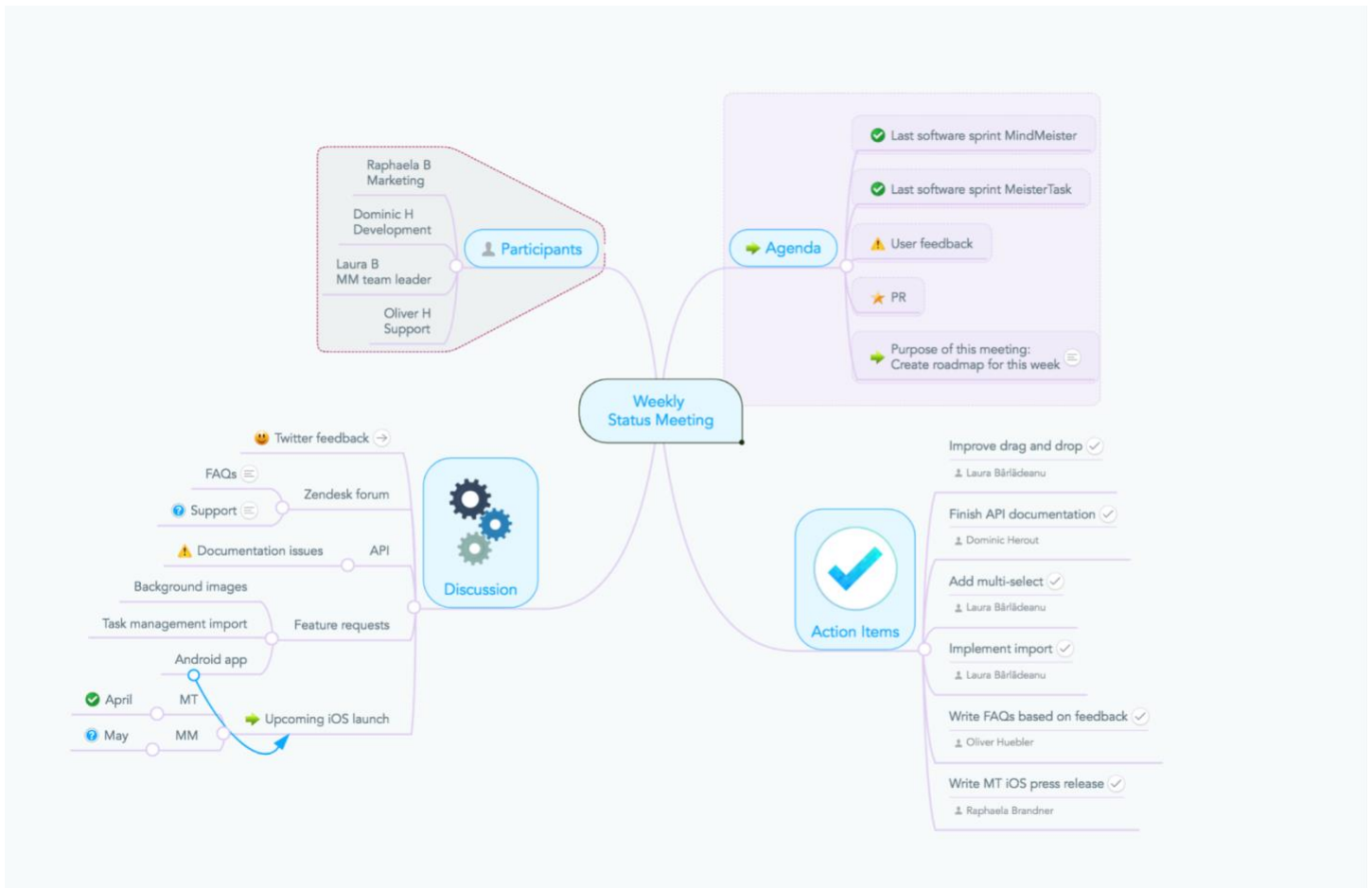
Functions of an Applicant Tracking System (ATS)



ILLUSTRATIONS: SHUTTERSTOCK/ARISTOTLE

WORK TEXTS: ILLUSTRATION: ALL RIGHTS RESERVED TechTarget

2.2 Ideation & Brainstorming Map



3 RESULT

3.1 Data Model:

Object name	Fields in the Object	
obj1	Field label	Data type
	Recruiter	Text
obj2	Field label	
	Recruiter	

3.1 Activity & Screenshot

Activity 1:

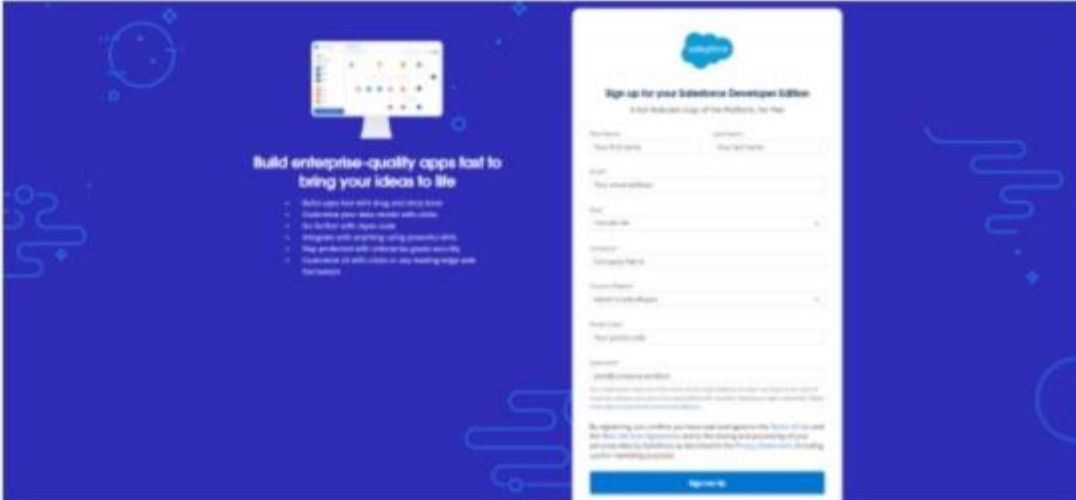
<https://youtu.be/r9EX3IGde5k>

Activity1:

Creating a Salesforce Developer Org:

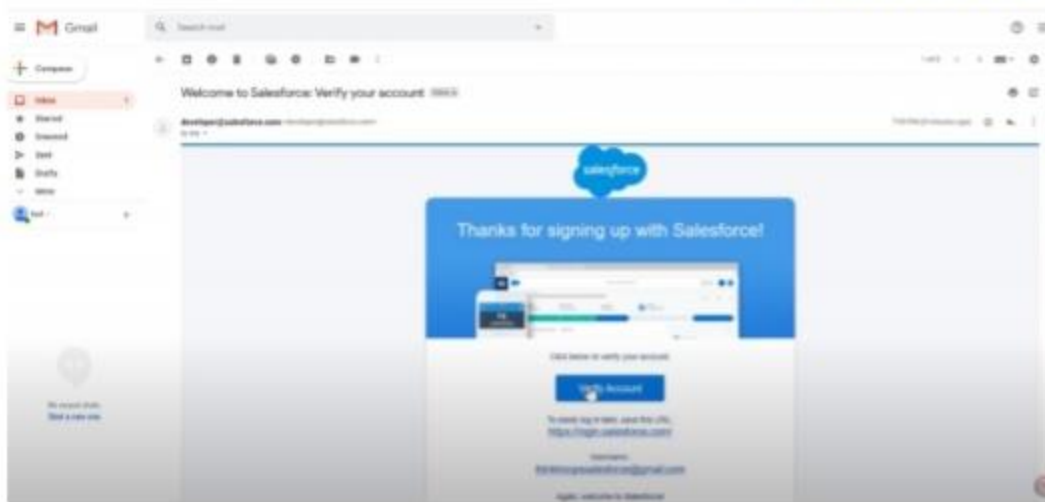
A Developer org has all the features and licenses you need to get started with Salesforce.

1. Search [Developer.salesforce.com](https://developer.salesforce.com)

The screenshot shows the Salesforce Developer Edition sign-up page. On the left, there's a blue background with white text and icons. The text says "Build enterprise-quality apps fast to bring your ideas to life" and lists several benefits: "Build apps fast with drag-and-drop tools", "Customize your apps without code", "No server-side code", "Deploy with one-click to any environment", "App protection with code signing and security", and "Execution of all code in any leading-edge web framework". On the right, there's a white sign-up form with the title "Sign up for your Salesforce Developer Edition" and the subtitle "A free Developer Org of the Platform, for You". The form includes fields for "First Name", "Last Name", "Email", "Role", "Company Name", "Country/Region", "Postal Code", and "Username". There are also checkboxes for "I agree to the Terms of Service" and "I agree to the Privacy Policy". A blue "Sign Up" button is at the bottom.

2. Enter the following details like First name, last name, Email, Role, Company, Country/Region, Postal code, and Username must be unique.

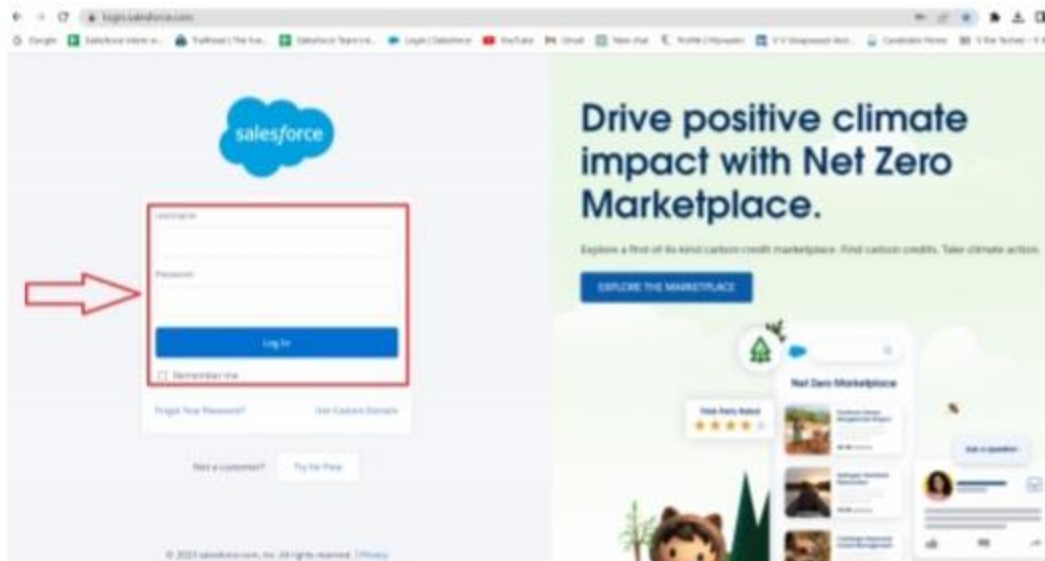
3. Click sign me up, after a few min you will receive a mail salesforce org and by using the verify account link you can create your new password.



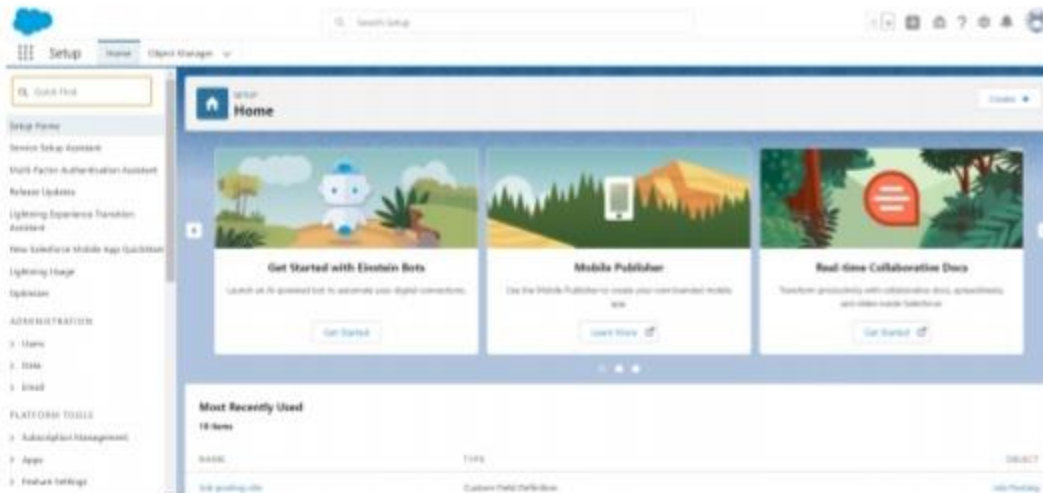
4. Click save.

5. Search login.salesforce.com

6. By using username and password you can into the salesforce org.



The setup page will appear as below.



Milestone 2-Object:

What is an object?

Salesforce objects are database tables that permit you to store data that is specific to an organization. It consists of fields (columns) and records (rows).

Salesforce objects are of two types:

- **Standard Objects:** Standard objects are the kind of objects that are provided by salesforce.com such as users, contracts, reports, dashboards, etc.
- **Custom Objects:** Custom objects are those objects that are created by users. They supply information that is unique and essential to their organization. They are the heart of any application and provide a structure for sharing data.

Activity1:

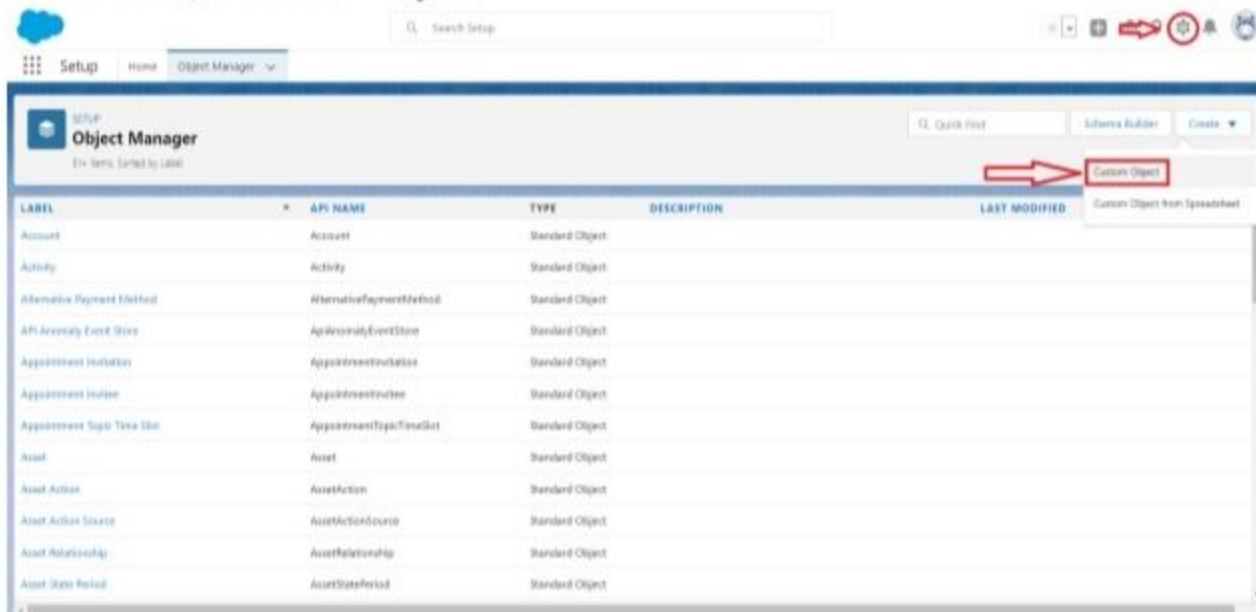
Create a custom object for Recruiter

Activity 1:


Create a custom object for Recruiter:

To create a custom object, follow these steps:

1. From setup click on object manager.
2. Click create, select custom object.



3. Fill in the label as "Recruiter".
4. Fill in the plural label as "Recruiters".
5. Record name: "Recruiter Number"
6. Select the data type as "Auto Number".
7. Under display format enter "REC-{0000}".
8. Enter starting number as 1.
9. In the Optional Features section, select Allow Reports and Track Field History.
10. In the Deployment Status section, ensure Deployed is selected.
11. In the Search Status section, select Allow Search.
12. In the Object Creation Options section, select Add Notes and Attachments related list to default page layout.


Setup

New Custom Object

Custom Object Definition Suite

Save

Save & New

Cancel

Custom Object Information

The singular and plural labels are used in tabs, page headers, and reports.

Label: Example: Accounts

Plural Label: Example: Accounts

Starts with record name: ☐

The Object Name is used when referencing this object via the API.

Object Name: Example: Accounts

Description:

Custom Record Help Setting: ☒ Open the standard Salesforce page help & Training window
☐ Open a window using a Salesforce page

Custom Name: [Learn More](#)

Enter Record Name Label and Format

The Record Name appears in page headers, list lists, related lists, link lists, and search results. For example, the Record Name for Accounts is "Account Name" and for Cases it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Example: Account Name

Field Type:

Display Format: Example: A (9999) 0000000000

Starting Number:

Optional Features

☒ Allow Reports
☐ Allow Activities
☒ Track Field History
☐ Allow in Chatter Groups
☐ Enable Learning [Learn More](#)

Object Classification

When these settings are enabled, this object is classified as an Enterprise Application object. When these settings are disabled, this object is classified as a Light Application object. [Learn More](#)

☒ Allow Sharing
☒ Allow Bulk API Access
☒ Allow Streaming API Access

Deployment Status

☐ In Development
☒ Deployed

Search Status

When this setting is enabled, your users can find records of this object type when they search. [Learn More](#)

☒ Allow Search

Object Creation Options (available only when custom object is first created)

☒ Add Notes and Attachments related list to default page layout
☐ Launch New Custom Tab Wizard after saving this custom object

Save

Save & New

Cancel

13. Leave everything else as is, and click Save.

Activity 2:

1. Create a Jobs, Candidate, Job Application Object and Tab.

Note :- Follow the steps from the above activity

Milestone 3- Fields:

What are fields?

Fields in Salesforce represent what the columns represent in relational databases. It can store data values which are required for a particular object in a record.

There are 2 types of fields in Salesforce:

- **Standard fields:** There are four standard fields in every custom object that are Created By, Last Modified By, Owner, and the field created at the time of the creation of an object. These fields cannot be deleted or edited and they are always required. For standard objects, the fields which are present by default in them and cannot be deleted from standard objects are standard fields.
- **Custom fields:** The Custom fields which are added by the administrator/developer to meet the business requirements of any organization. They may or may not be required.

Activity 1:

Create the custom fields:

1. Click the object manager tab, Select the object for which you have to create the fields and relationships.

Object Manager
10 Items, Sorted by Label

Search Field Schema Builder Create

LABEL	API NAME	TYPE	DESCRIPTION	LAST MODIFIED	DEPLOYED
Account	Account	Standard Object			
Activity	Activity	Standard Object			
Alternative Payment Method	AlternativePaymentMethod	Standard Object			
API Anomaly Event Store	ApiAnomalyEventStore	Standard Object			
Appointment Invitation	AppointmentInvitation	Standard Object			
Appointment Invoice	AppointmentInvoice	Standard Object			
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Asset	Asset	Standard Object			
Asset Action	AssetAction	Standard Object			
Asset Action Source	AssetActionSource	Standard Object			
Asset Relationship	AssetRelationship	Standard Object			
Asset State Period	AssetStatePeriod	Standard Object			

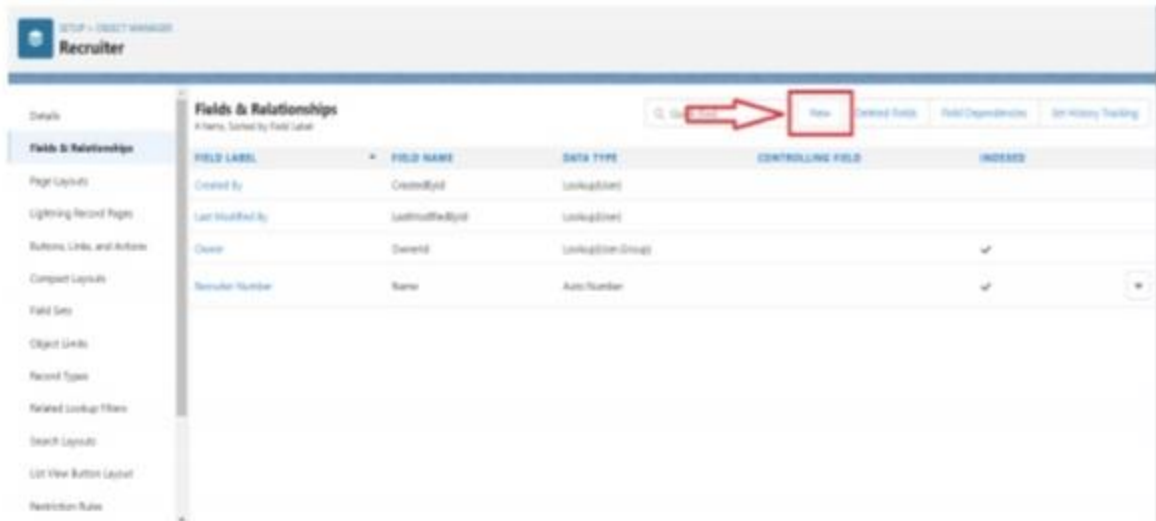
2. From the sidebar, click Fields & Relationships. Notice that there are already some fields there. Those are the standard fields.

Recruiter
4 Items, Sorted by Field Label

Search Setup New Defined Fields Field Dependencies Get History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	lookupUser		
Last Modified By	LastModifiedBy	lookupUser		
Owner	OwnerId	lookupUser (Group)		✓
Recruiter Number	Name	Auto Number		✓

3. Click New to create a custom field. Tip: Before creating a new field, do a quick search to make sure a similar one doesn't already exist.

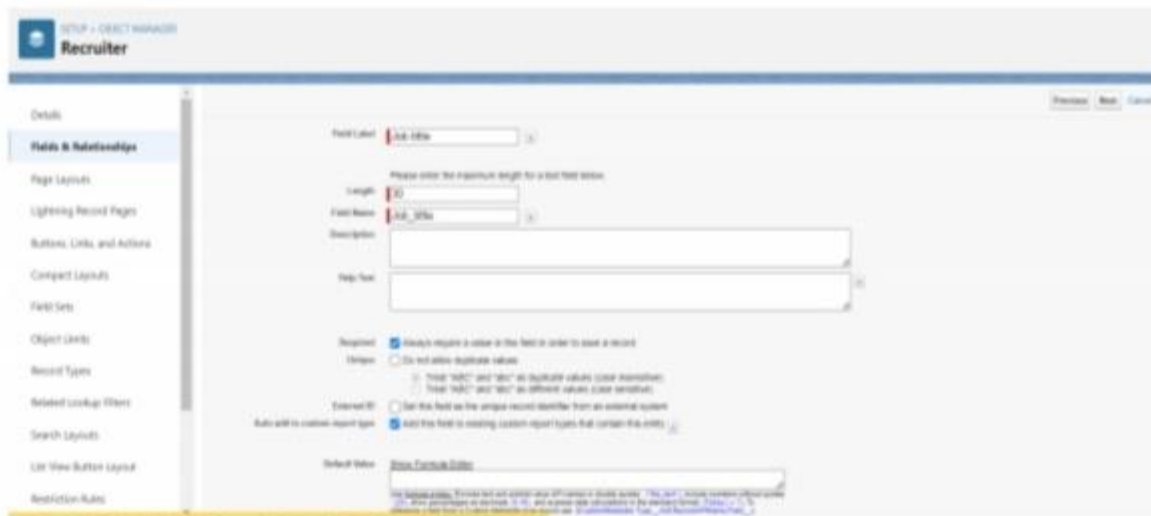


4. Click on the new to create a field.

5. Choose the data type as a Text, click next



6. Enter field label, length and Name and click next



7. Select the profiles to which you want to grant edit access to this field via field-level security. The field will be hidden from all profiles if you do not add it to field-level security. Click next
8. Select the page layouts that should include this field.
9. Click save.

Activity 2:


Creation of Master-detail relationship:

1. From Setup, go to Object Manager
2. On the sidebar, click Fields & Relationships.
3. Click New.

SETUP - OBJECT MANAGER
Jobs

Details

Fields & Relationships
A Items, Sorted by First Last

Q, Quick Find  **New** Deleted Fields Field Dependencies Set History Tracking


FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	LookupPerson		
Job Number	Name	Auto Number		✓
Last Modified By	LastModifiedDate	LookupPerson		
Owner	OwnerId	LookupPerson (Owner)		✓

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

4. Choose Master-detail Relationship and click Next

SETUP - OBJECT MANAGER
Jobs

Details

Fields & Relationships  **New Custom Field** Help for this Page

Specify the type of information that the custom field will contain.

Data Type

☐ None Selected Select one of the data types below.

☐ Auto Number A system-generated sequential number that uses a display format you define. The number is automatically incremented for each new record.


☐ Formula A read-only field that derives its value from a formula expression you define. The formula field is updated when any of the source fields change.

☐ Roll-Up Summary A read-only field that displays the sum, minimum, or maximum value of a field in a related list or the record count of all records listed in a related list.

☐ Lookup Relationship Create a relationship that links this object to another object. The relationship field allows users to click on a lookup icon to select a value from a pop-up list. The other object is the source of the values in the list.

☒ **Master-Detail Relationship** Create a special type of parent-child relationship between this object (the child, or "detail") and another object (the parent, or "master") where:

- The relationship field is required on all detail records.
- The ownership and sharing of a detail record are determined by the master record.
- When a user deletes the master record, all detail records are deleted.
- You can create roll-up summary fields on the master record to summarize the detail records.



Next Cancel

5. Choose the related object and select that object.


SETUP > OBJECT MANAGER
Jobs

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

Jobs
New Relationship

Step 3: Choose the related object Step 2 of 5

Select the other object to which this object is related

Related To: 

Previous Next Cancel

6. Enter the label and name for the lookup field

SETUP > OBJECT MANAGER
Jobs

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
Triggers

Jobs
New Relationship

Step 4: Enter the label and name for the lookup field Step 3 of 5

Field Label: 

Field Name: 

Description:

Help Text:

Lookup Relationship Name: 

Rolling Backing: ☐ Read Only. Allow users with at least Read access to the Master record to create, edit, or delete related Detail records.

☒ Read/Write. Allow users with at least Read/Write access to the Master record to create, edit, or delete related Detail records.

Allow reparenting: ☐ Child records can be reparented to other parent records after they are created.

Auto add to custom report tool: ☒ Add this field to existing custom report types that contain this entity. 

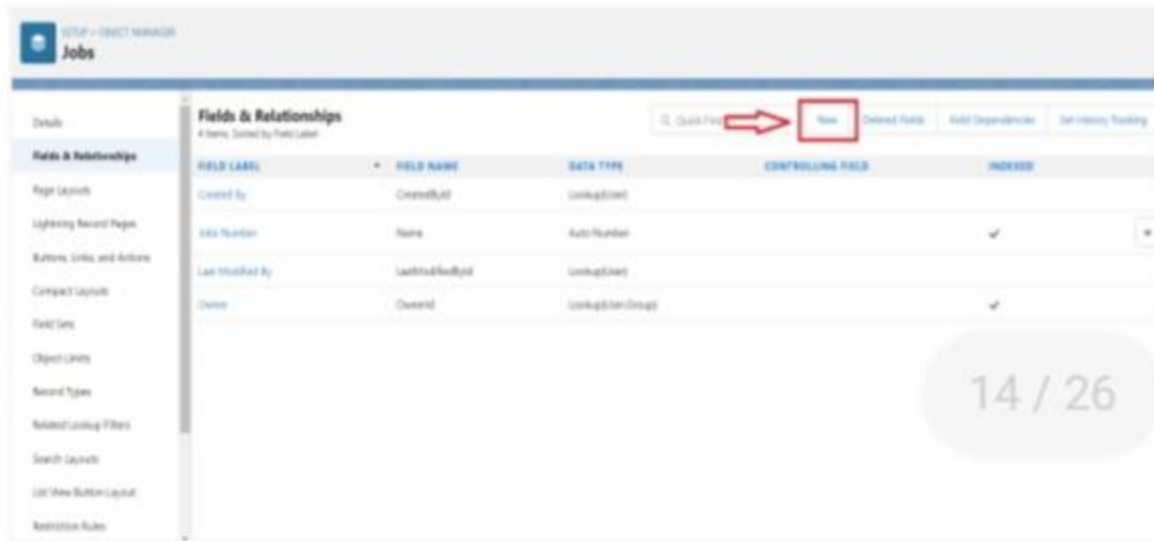
Lookup Filter

7. Click Next, Next, and Save

Activity 3:

Create a new custom field:

1. From Setup, go to Object Manager
2. On the sidebar, click Fields & Relationships.
3. Click New.

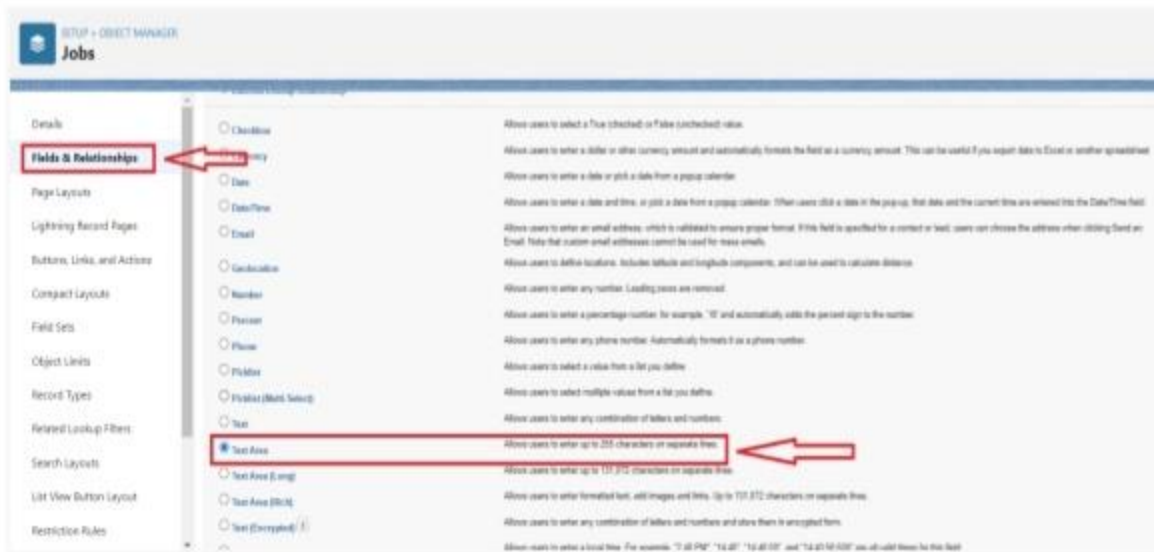


The screenshot shows the Salesforce Object Manager interface for the 'Jobs' object. The 'Fields & Relationships' tab is selected, showing a list of fields. The 'New' button is highlighted with a red box and a red arrow. The table lists the following fields:

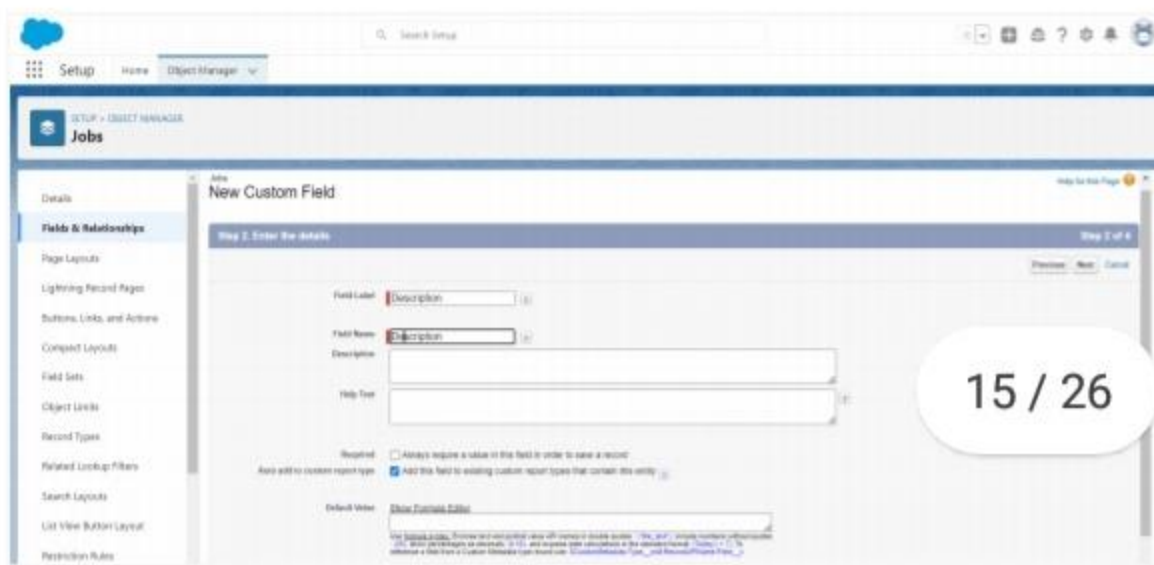
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup (User)		
Job Number	Name	Auto Number		✓
Last Modified By	LastModifiedBy	Lookup (User)		
Owner	OwnerId	Lookup (User-Company)		✓

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4. Choose the data type Text Area click next



5. Enter the Field Label and field name click next

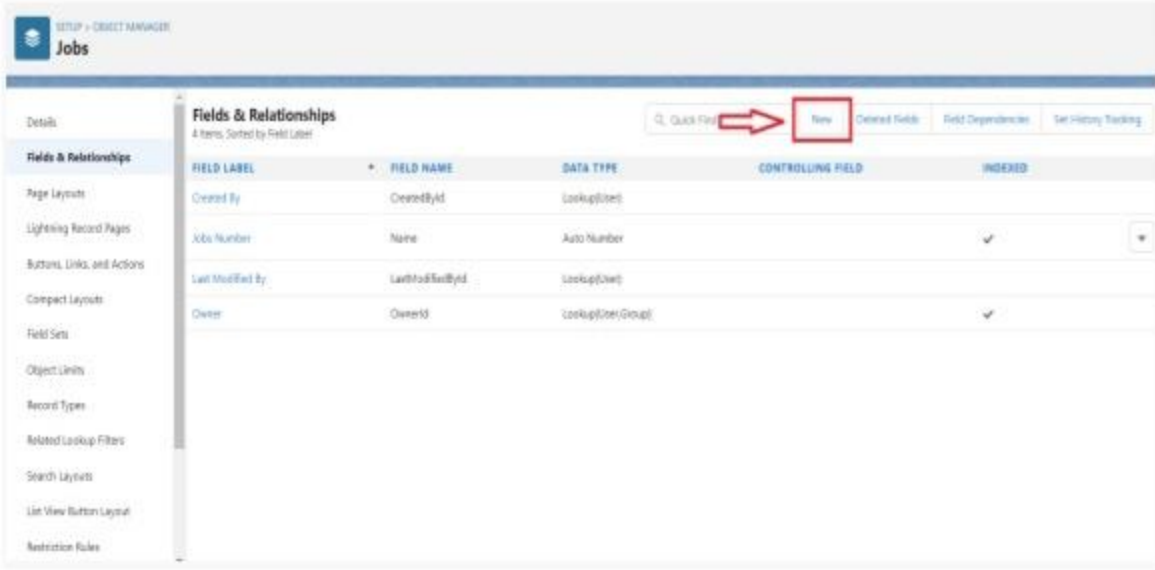


6. Click next and save.

Activity 4:

Create a new custom field:


1. From Setup, go to Object Manager
2. On the sidebar, click Fields & Relationships.
3. Click New.



SETUP > OBJECT MANAGER
Jobs

Details

Fields & Relationships
4 Items, Sorted by Field Label

Quick Find  **New** [Create Fields](#) [Field Dependencies](#) [Set History Tracking](#)

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedBy	Lookup(User)		
Jobs Number	Name	Auto Number		✓
Last Modified By	LastModifiedBy	Lookup(User)		
Owner	OwnerId	Lookup(User/Group)		✓

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

4. Choose the data type Text click next

The screenshot shows the 'New Custom Field' configuration page in Oracle Cloud. The page is titled 'New Custom Field' and is in 'Step 1: Enter the details'. The left sidebar contains a navigation menu with options like 'Details', 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Component Layouts', 'Field Sets', 'Object Layouts', 'Record Types', 'Related Lookup Filters', 'Search Layouts', 'List View Action Layout', 'Validation Rules', 'Grouping Rules', and 'Triggers'. The main content area has a header 'Step 1: Enter the details' and a sub-header 'New Custom Field'. Below this, there are several input fields: 'Field Label' (set to 'Location'), 'Length' (set to '10'), 'Field Name' (set to 'location'), and 'Description'. There are also checkboxes for 'Required' (unchecked), 'Indexed' (unchecked), and 'Add this field as the unique record identifier' (checked). A 'Save' button is at the bottom right. A large white circle with the text '17 / 26' is overlaid on the right side of the image.

6. Click next and save.

Milestone 4-Tab:

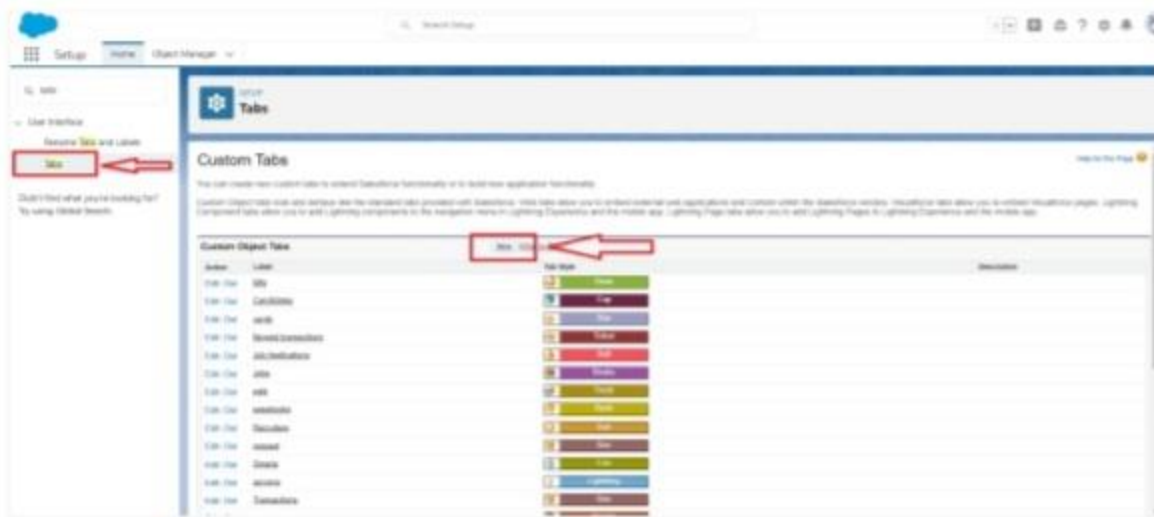
What is Tab?

In Salesforce, a tab is a user interface element that allows users to navigate to different sections of the platform, such as Accounts, Contacts, Leads, and Opportunities. Tabs can also be used to access custom objects and custom pages. They are typically located at the top of the screen and can be customized to fit the needs of the organization.

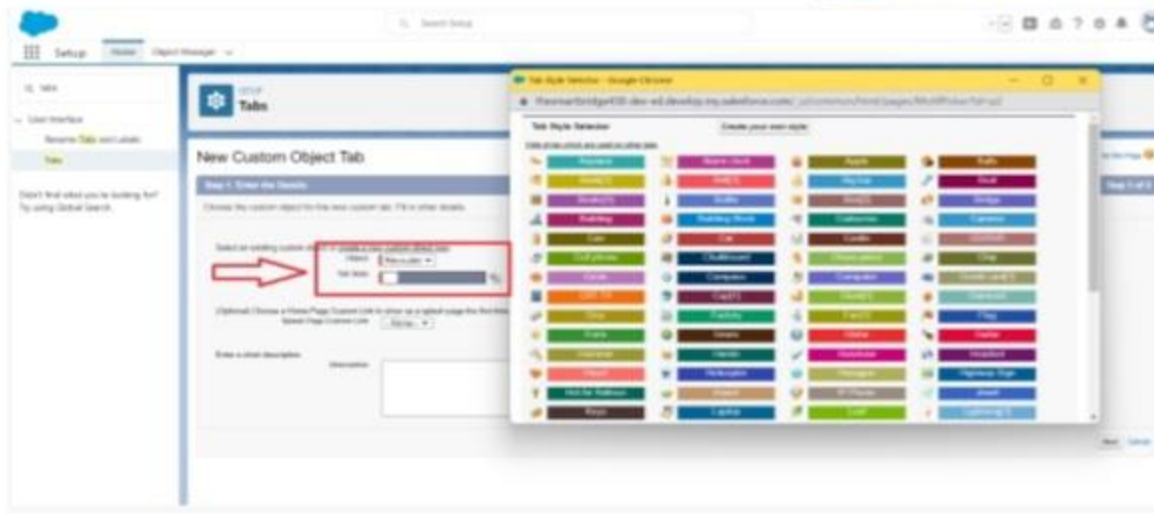
Activity 1 :

Create a tab :

1. Click setup
2. Search tab in Quick box then, select tab
3. Click New custom object tab section



4. Select the created object Recruiter and tab style for the new custom tab.



5. Select the profiles that visible in the tab
6. Click on custom apps to make visible.
7. Click save.

Milestone 5- Profile:

What is a profile?

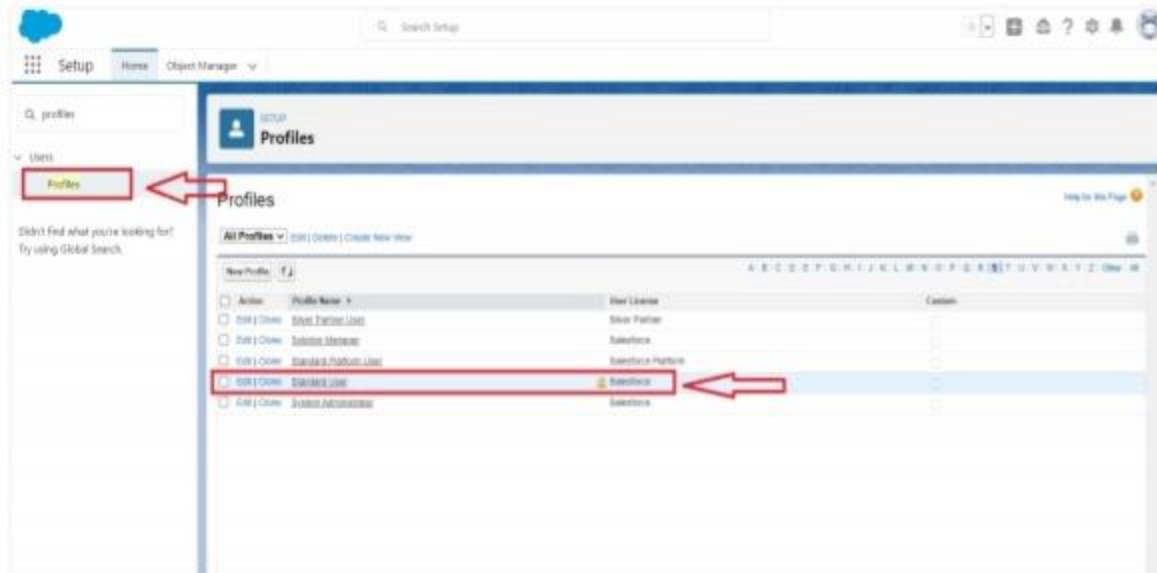
A profile is a group/collection of settings and permissions that define what a user can do in salesforce. A profile controls "Object permissions, Field permissions, User permissions, Tab settings, App settings, Apex class access, Visualforce page access, Page layouts, Record Types, Login hours & Login IP ranges.

A profile can be assigned to many users, but user can be assigned single profile at a time.

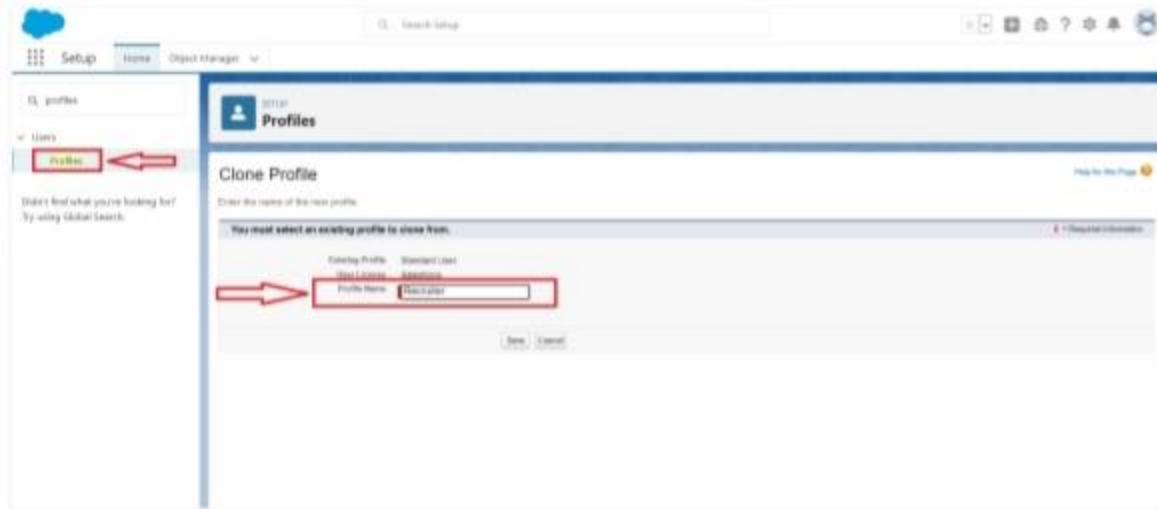
Activity 1:

Create a custom profile :

1. From setup , enter profiles in Quick Find box
2. Select profiles.
3. Click clone.



4. For Profile, enter Recruiter.



5. Click save.

Activity 2:

Create a profile with the profile name as "Sales Manager".
Follow the steps from above Activity

Milestone 6-User

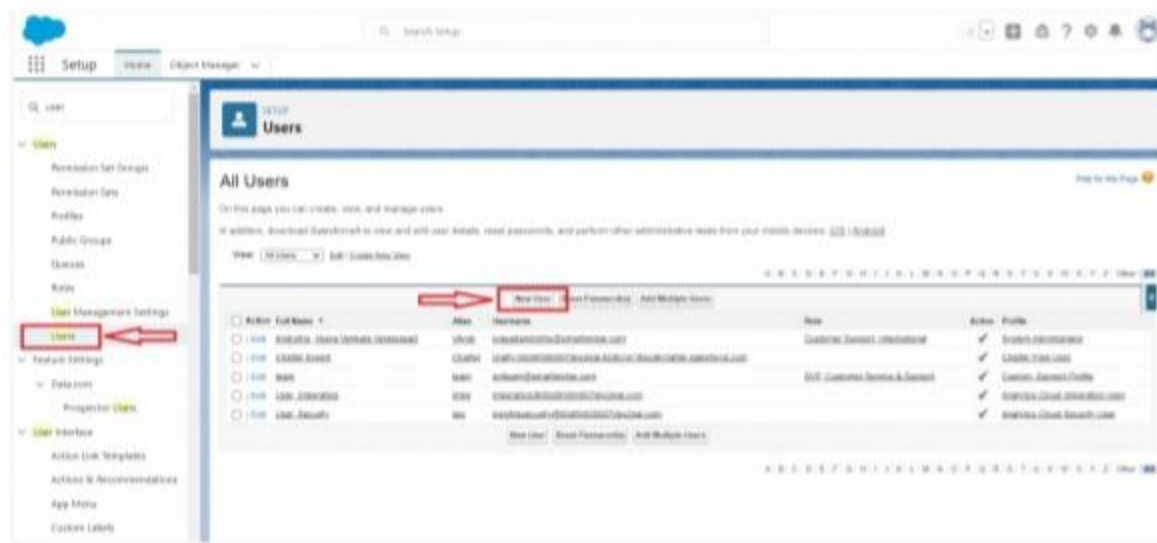
What is a user?

A user is anyone who logs in to Salesforce. Users are employees at your company, such as sales reps, managers, and IT specialists, who need access to the company's records. Every user in Salesforce has a user account. The user account identifies the user, and the user account settings determine what features and records the user can access.

Activity 1:

To Create a user:

1. From Setup, enter Users in the Quick Find box, then select Users.
2. Click New User.



3. Enter First name as Hr and last name as Manager.
4. Enter the user's name and email address and a unique username in the address. By default, the username is the same as the email address.

5. Then create a new role Hr Manager.
6. Select user License as Standard Platform User.
7. Select profile.

8. Click save

Activity 2:

Create a user with a username as “Ganesh Gelli”, and assign him the sales Manager profile. Follow the steps from above Activity

Milestone 7-Sharing Rules

What are Sharing Rules?

Sharing rules help users to share records based on conditions. It is basically created for objects whose organization-wide defaults (OWD) are set to public read-only or private because sharing rules can only extend the access and not restrict it.

Types of sharing rules.

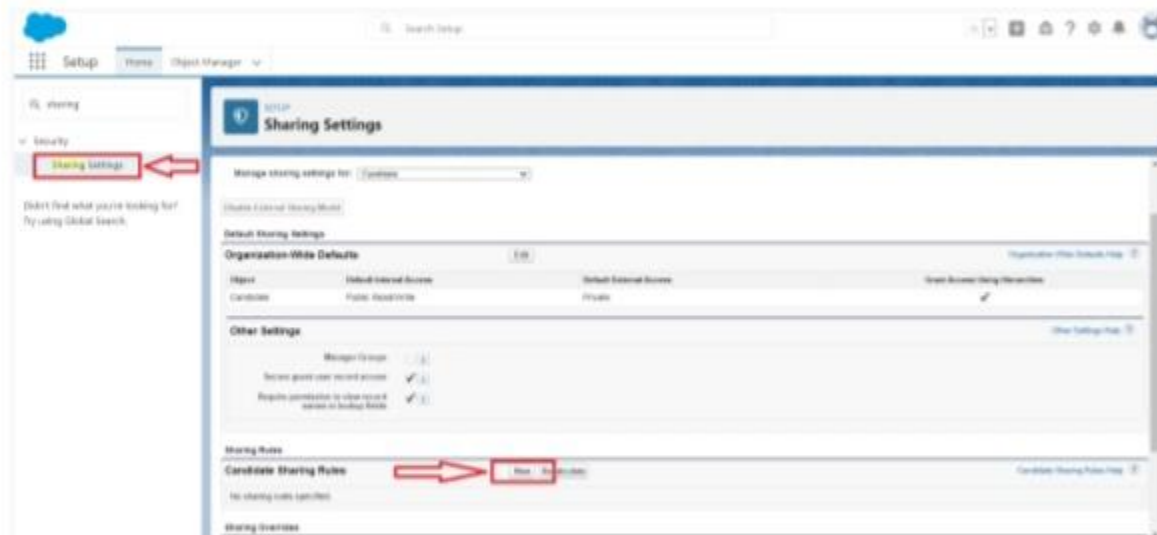
- Owner-based Sharing Rules
- Criteria-based Sharing Rules



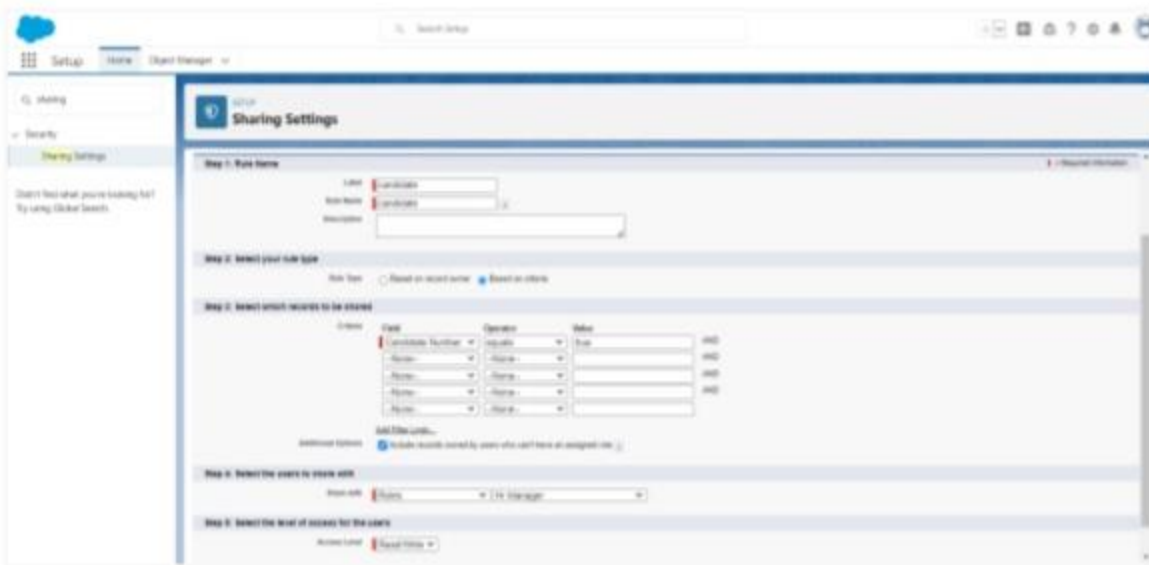
Activity 1:

Create a sharing rule

- 1) Go to Sharing Settings, which can be found under the Quick Find section.
- 2) Scroll down and find the candidate object where a sharing rule needs to be added, and then click on New to create a new sharing rule.



- 3) Add the label of the sharing rule you want to make.
- 4) Select your rule type based on the criteria.
- 5) Select the field can join immediately check field from the candidate object.
- 6) Select the operator as equal and value is true.
- 7) And in selecting the users to share with the section select roles and in that select Hr Manager.
- 8) And in the section of select the level of access for the users give the access Read/Write.



Sharing Settings

Step 1: Basic Info

Name:

Role Name:

Description:

Step 2: Select your role type

Role Type: ☐ Read or write ☒ Read or write

Step 3: Select which records to be shared

Criteria	Field	Operator	Value	AND
<input checked="" type="checkbox"/>	Candidate Number	is equal to	1	AND
<input type="checkbox"/>	Role	is equal to	1	AND
<input type="checkbox"/>	Role	is equal to	1	AND
<input type="checkbox"/>	Role	is equal to	1	AND

Advanced Options ☒ Include records shared by users who can't have an assigned role

Step 4: Select the users to share with

Share with: To:

Step 5: Select the level of access for the users

Access Level:

9) And save the rule.

Activity 2:

Create a Sharing Rule to Share the records of Job Application to Hr Manager with the Access of Read/Write.

Follow the steps from above Activity.

Milestone 8-Reports:

What are Reports?

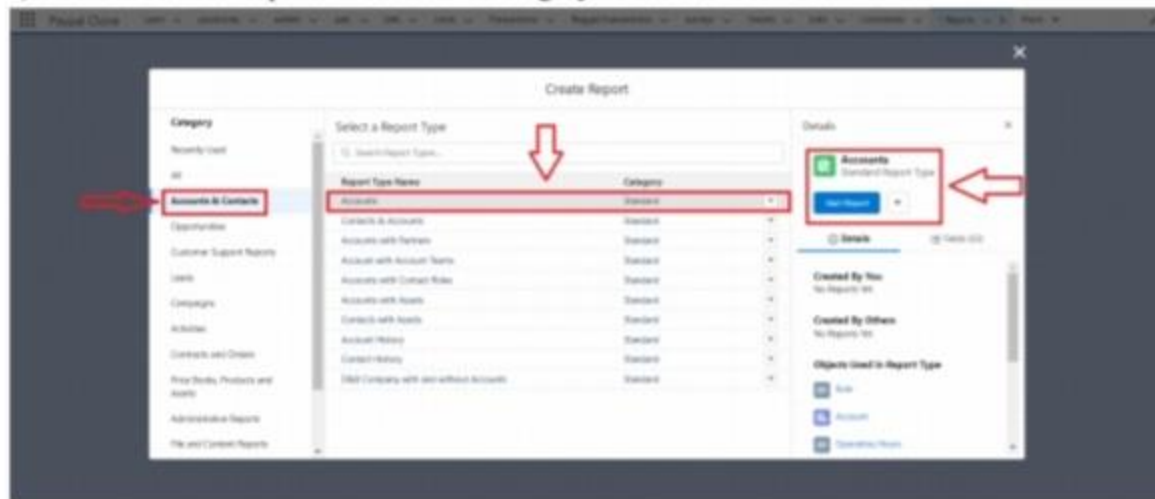
A report is a list of records that meet the criteria you define. It's displayed in rows and columns, and can be filtered, grouped, or displayed in a graphical chart. Every report is stored in a folder. Folders can be public, hidden, or shared, and can be set to read-only or read/write.

Activity 1:

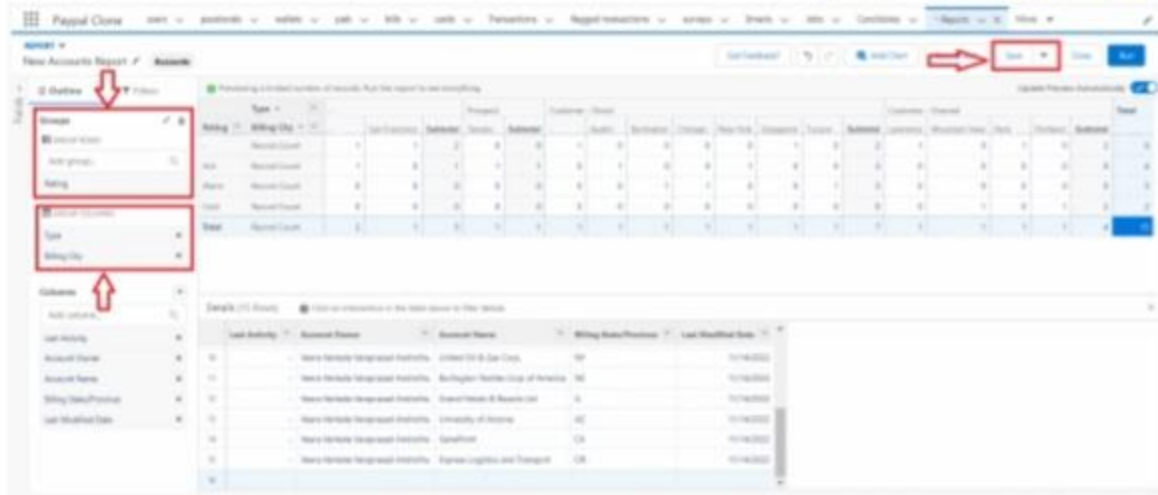
Create a report:

Create a report that displays rating of the account and which has type and account name.

- 1) Click on app launcher search for reports.
- 2) Click on the new report and select the category has accounts and contacts.



- 3) And the report type has accounts.
- 4) In the details section select the option start report.
- 5) In the filter pane select All accounts to show me.
- 6) And All time is created.
- 7) In the outline pane, group rows select Rating and in group columns select Account Name.
- 8) In the columns section add Type and Billing city.



9) Save the report by giving label name and save the folder as a public folder and save the report.

Activity 2:

Create a Report using the Objects Jobs, Candidate and Job Application.
Follow the steps from above Activity.

Team Lead - <https://trailblazer.me/id/strailhead>

Team Member 1- <https://trailblazer.me/id/nithish220>

Team Member 2- <https://trailblazer.me/id/strailhead>

Team Member 3- <https://trailblazer.me/id/strailhead>

3.ADVANTAGES & DISADVANTAGE:

ADVANTAGES:

ATS software allows you to automate various tasks of the hiring process that can save you a lot of time and free up your recruiting personnel for other high-value tasks. Posting to multiple job boards, tracking candidate applications, notifying candidates individually, and scheduling interview feedback can all be automated. Not only will it speed up the time it takes to do all of those tasks, it will increase the overall quality through standardization.

DISADVANTAGES:

When automating responses to candidates, your messaging will be less personalized and can come off as robotic. Taking additional time to construct good communication can help make it feel more personalized. It's much better to send a less personalized communication than no communication at all.

4.APPLICATIONS:

They improve the quality of a company's hire, and good hiring is one of the best predictors of a company's future success.

HR departments and managers are struggling to find and retain top talent. Recruitment software is a powerful weapon for helping to minimize this stress.

Poor HR technology has been the norm. Technological advances have leapfrogged recruitment software to the top of the SaaS market to the benefit of hiring teams.

5.CONCLUSION:

3 Applicant Tracking System for recruiters is a very effective hiring solution that most of the successful recruiters utilize.

4 Because without it, there is a good chance that your process of moving applicants through different stages can become very difficult. This tool is very important for optimizing the hiring process with the help of [artificial intelligence and technology](#). As we move forward, the ATS tools are evolving and making the monotonous tasks easy.

6.FUTURE SCOPE:

- Increase in productivity and efficiency when hiring – particularly at scale
- Better candidate experience through faster scheduling and communication – especially in remote and hybrid work environments
- Access to multiple job boards and the ability to manage all applications in a centralized location
- Improved employer brand that attracts great candidates