

JOB APPLICATION TRACKING SYSTEM

1. INTRODUCTION

An applicant tracking system (ATS) is software that manages the recruiting and hiring process, including job postings and job applications. It organizes information about job seekers and makes it searchable. As its name implies, an ATS tracks candidates through the hiring process.

1.1 OVERVIEW

A job application tracking system is a software tool used by companies and recruiters to manage the hiring process. It is designed to streamline the recruitment process by organizing, tracking, and managing job applications from start to finish. The system typically allows recruiters to post job listings, collect resumes and cover letters, screen candidates, schedule interviews, and make hiring decisions.

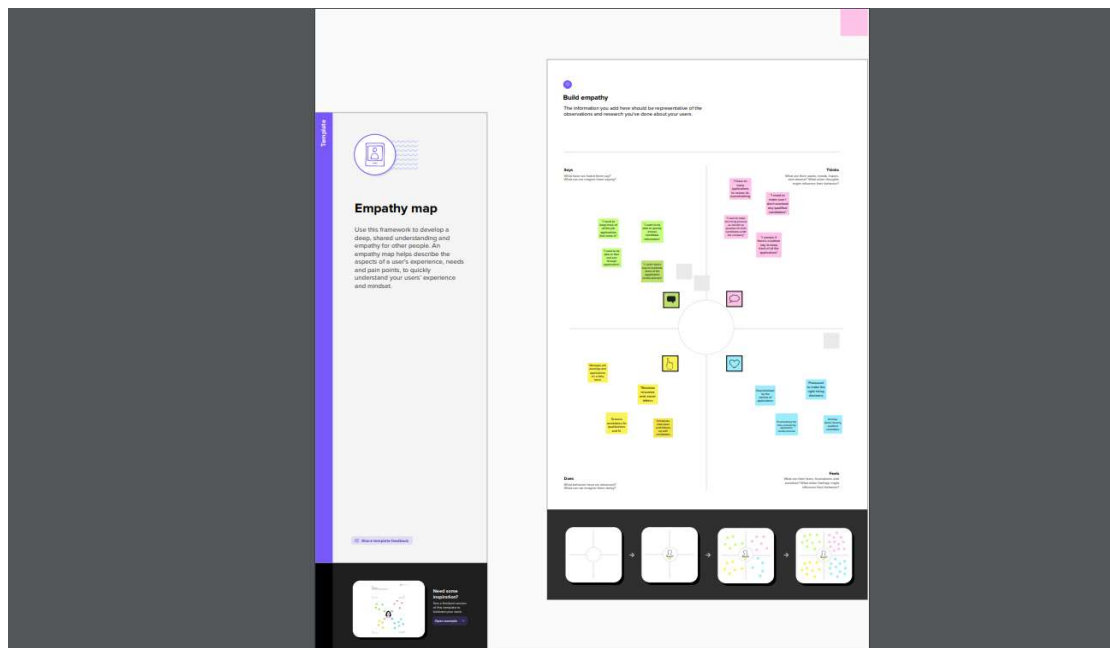
1.2 PURPOSE

A job application tracking system (ATS) is a software application designed to help companies manage their recruitment processes more efficiently. The primary purpose of an ATS is to automate and streamline the hiring process, from receiving and screening resumes to scheduling interviews and making job offers.

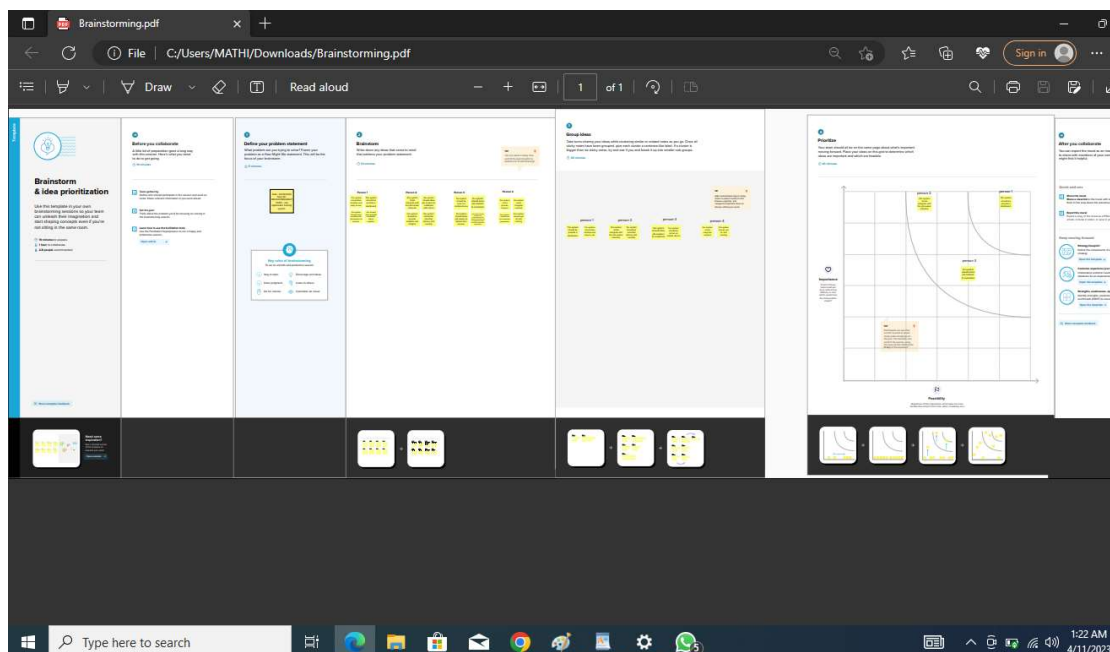
The ATS is typically used by recruiters and hiring managers to track job applicants throughout the hiring process. It allows them to manage a large number of applicants, quickly screen resumes, and search for qualified candidates based on specific criteria.

2. Problem Definition & Design Thinking

2.1 Empathy Map



2.2 Ideation & Brainstorming Map



3. RESULT

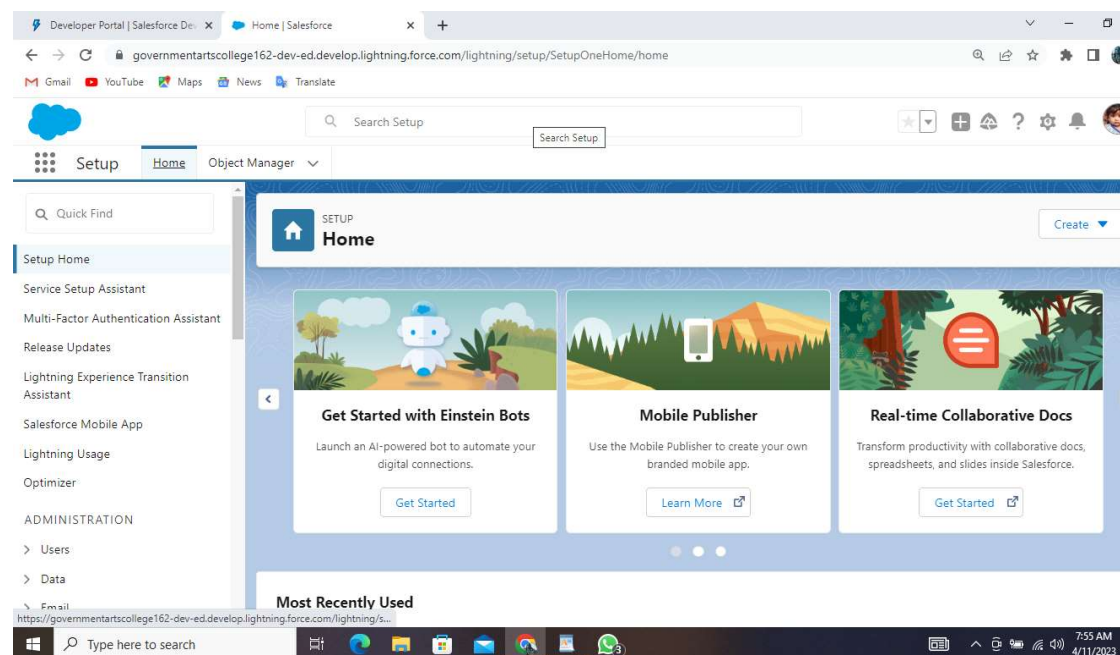
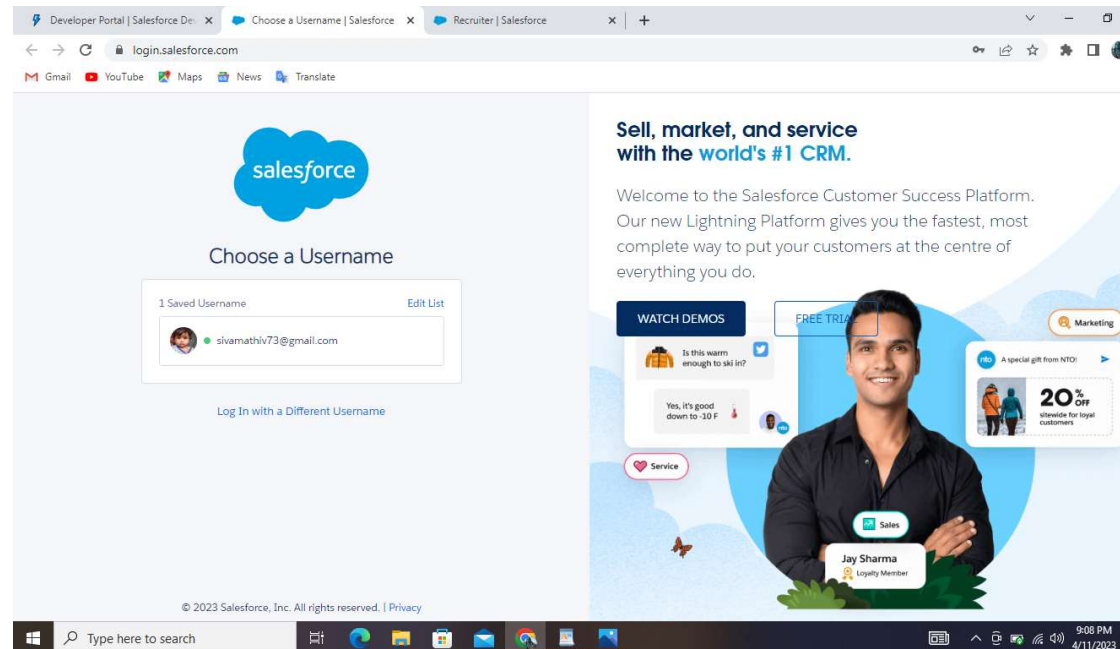
3.1 Data Model

Object name	Fields in the Object	
Recruiter	Field label	Data type
	Recruiter	Text
Jobs	Field label	Data type
	Jobs	Text Area
Candidate	Field Label	Data type
	Candidate	Auto Number
Job Application	Field Label	Data type
	Job Application	Text
Tab	Field Label	Data type
	Tab	Text

3.2 Activity & Screenshot

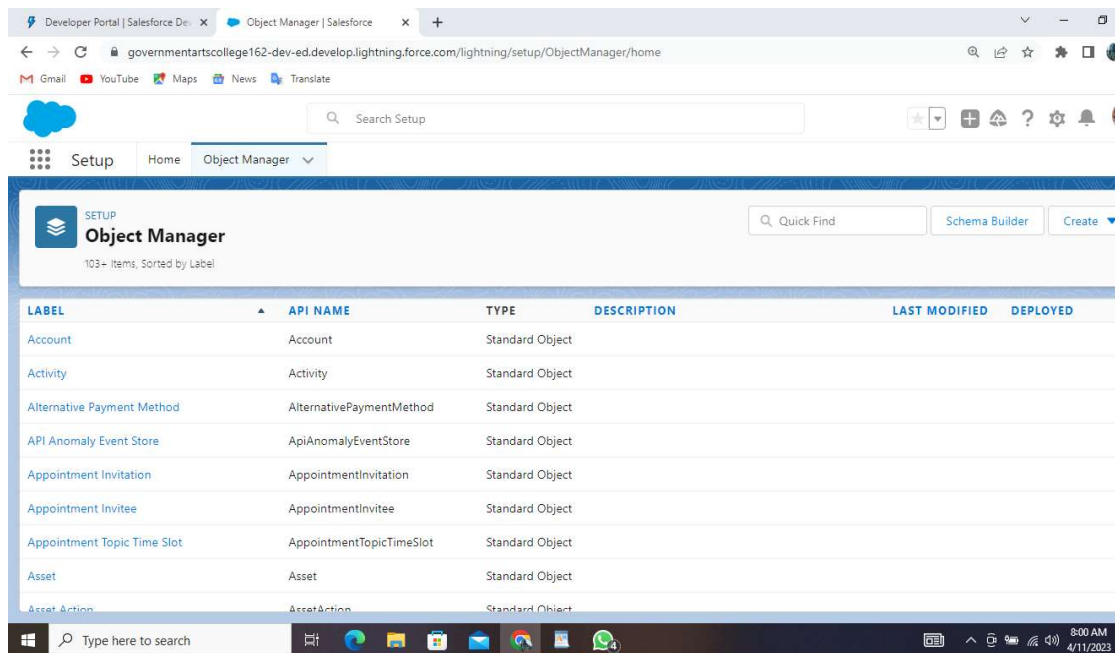
Milestone 1:

Activity 1: Creating Salesforce Developer



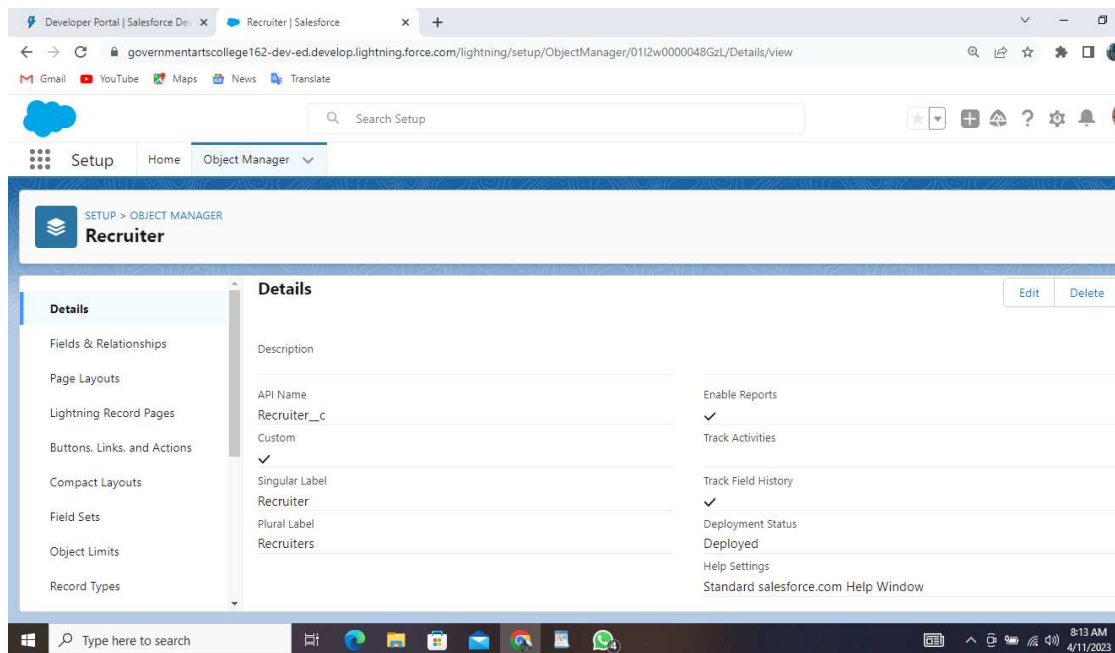
Milestone 2:

Activity 1: Create a custom object for Recruiter:



The screenshot shows the Salesforce Object Manager interface. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The main header displays 'Object Manager' with a 'Quick Find' search bar and 'Schema Builder' and 'Create' buttons. Below the header is a table listing standard objects. The table has columns for 'LABEL', 'API NAME', 'TYPE', 'DESCRIPTION', 'LAST MODIFIED', and 'DEPLOYED'. The objects listed include Account, Activity, Alternative Payment Method, API Anomaly Event Store, Appointment Invitation, Appointment Invitee, Appointment Topic Time Slot, Asset, and Asset Action.

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 Invitee	AppointmentInvitee	Standard Object			
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Asset	Asset	Standard Object			
Asset Action	AssetAction	Standard Object			



The screenshot shows the Salesforce Object Manager interface for the 'Recruiter' custom object. The top navigation bar includes 'Setup', 'Home', and 'Object Manager'. The main header displays 'Recruiter' with 'Edit' and 'Delete' buttons. Below the header is a 'Details' section with a left sidebar containing links to 'Fields & Relationships', 'Page Layouts', 'Lightning Record Pages', 'Buttons, Links, and Actions', 'Compact Layouts', 'Field Sets', 'Object Limits', and 'Record Types'. The main content area shows the 'Details' for the 'Recruiter' object, including the 'API Name' (Recruiter_c), 'Custom' checkbox (checked), 'Singular Label' (Recruiter), 'Plural Label' (Recruiters), 'Enable Reports' (checked), 'Track Activities' (checked), 'Track Field History' (checked), 'Deployment Status' (Deployed), and 'Help Settings' (Standard salesforce.com Help Window).

Details
Description
API Name Recruiter_c
Custom ✓
Singular Label Recruiter
Plural Label Recruiters
Enable Reports ✓
Track Activities ✓
Track Field History ✓
Deployment Status Deployed
Help Settings Standard salesforce.com Help Window

Activity 2:

Developer Portal | Salesforce Dev | Jobs | Salesforce

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w0000048H4b/Details/view

Search Setup

Setup Home Object Manager

Jobs

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Description

API Name
Job__c

Custom

Singular Label
Jobs

Plural Label
Jobs

Enable Reports
✓

Track Activities

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Type here to search

8:14 AM
4/11/2023

Developer Portal | Salesforce Dev | Candidate | Salesforce

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w0000048H4g/Details/view

Search Setup

Setup Home Object Manager

Candidate

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Description

API Name
Candidate__c

Custom

Singular Label
Candidate

Plural Label
Candidates

Enable Reports
✓

Track Activities

Track Field History
✓

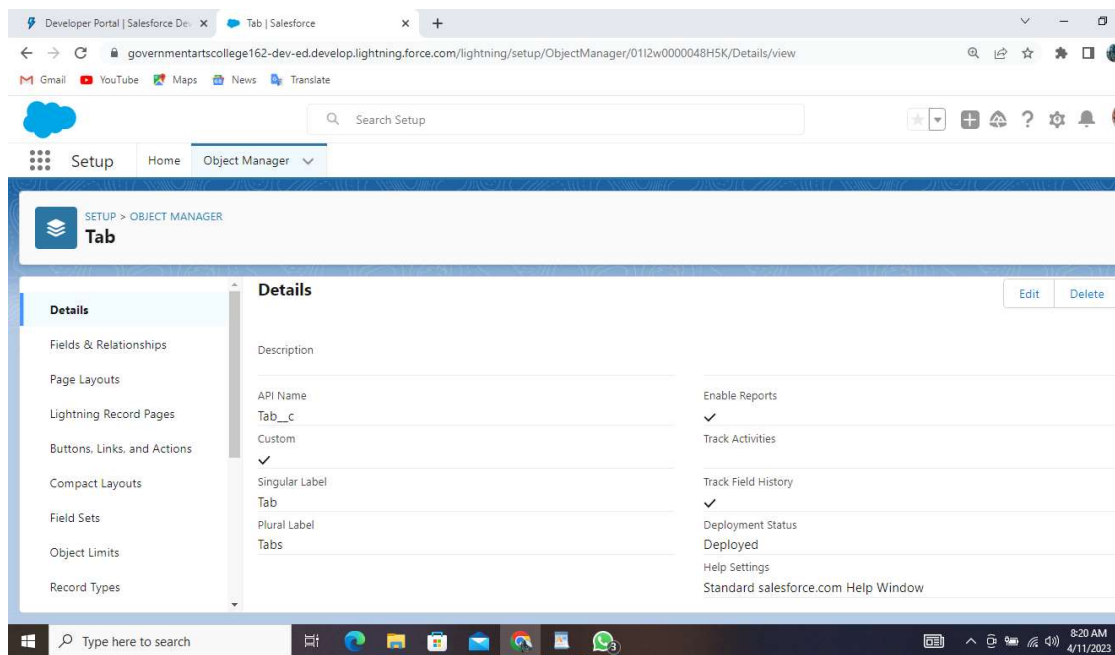
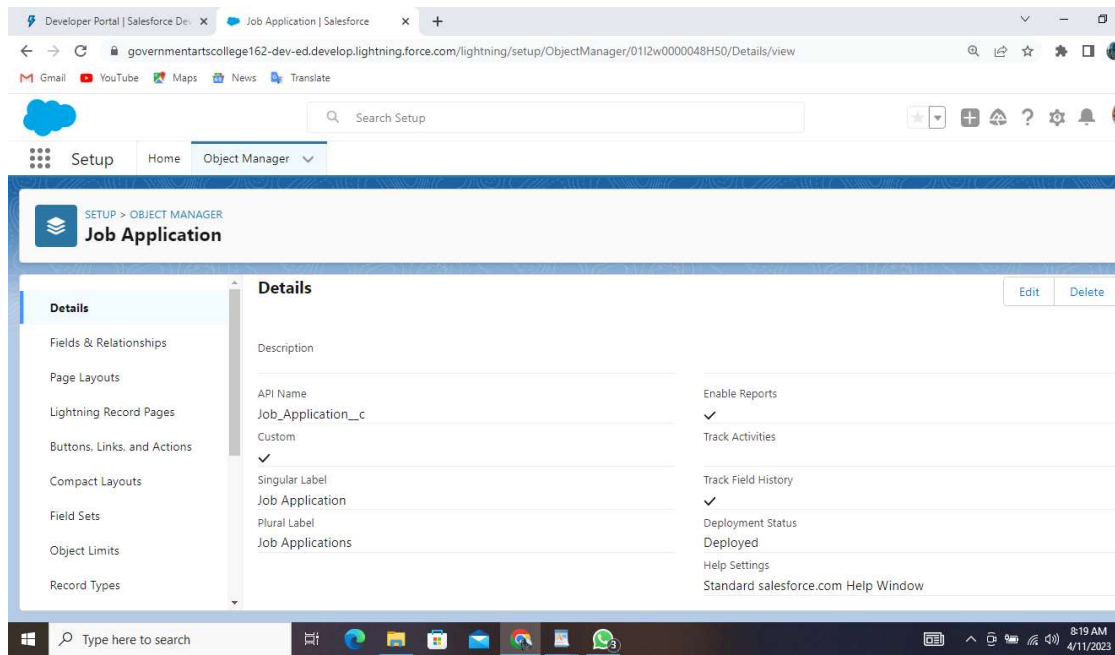
Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

Type here to search

8:15 AM
4/11/2023



Milestone 3:

Activity 1: Create the custom field

Developer Portal | Salesforce Dev | Object Manager | Salesforce

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/home

Search Setup

Setup Home Object Manager

Object Manager

51+ Items, Sorted by Label

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 Invitee	AppointmentInvitee	Standard Object			
Appointment Topic Time Slot	AppointmentTopicTimeSlot	Standard Object			
Asset	Asset	Standard Object			

https://governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/012w0000048H5K/Details/view

Type here to search

8:21 AM 4/11/2023

Developer Portal | Salesforce Dev | Recruiter | Salesforce

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/012w0000048GzL/FieldsAndRelationships/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

Recruiter

Details

Fields & Relationships

5 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User.Group)		✓
Recruiter	Recruiter__c	Text(30)		
Recruiter Name	Name	Auto Number		✓

https://governmentartscollege162-dev-ed.develop.lightning.force.com/one/one.app#/setup/ObjectManager/012w0000048GzL/FieldsAndRelationships/view

Type here to search

8:24 AM 4/11/2023

Activity 2: Creation of Maaster-detail relationship

The screenshot shows the Salesforce Object Manager interface for the 'Jobs' object. The 'Fields & Relationships' section displays a table with 6 items, sorted by Field Label. The table columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Job	Job__c	Text(30)		
Job Name	Name	Auto Number		✓
Jobs	Jobs__c	Text Area(255)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

Activity 3: Create a new custom field:

The screenshot shows the Salesforce Object Manager interface for the 'Jobs' object. The 'Fields & Relationships' section displays a table with 6 items, sorted by Field Label. The table columns are FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Job	Job__c	Text(30)		
Job Name	Name	Auto Number		✓
Jobs	Jobs__c	Text Area(255)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

Activity 4: Create a new custom field

The screenshot shows the Salesforce Setup interface for the 'Jobs' object. The left sidebar contains a navigation menu with options: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, and Record Types. The main content area is titled 'Fields & Relationships' and shows a table of fields for the 'Jobs' object. The table has columns for FIELD LABEL, FIELD NAME, DATA TYPE, CONTROLLING FIELD, and INDEXED. The fields listed are: Created By (CreatedById, Lookup(User)), Job (Job__c, Text(30)), Job Name (Name, Auto Number, indexed), Jobs (Jobs__c, Text Area(255)), Last Modified By (LastModifiedById, Lookup(User)), and Owner (OwnerId, Lookup(User, Group), indexed).

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Job	Job__c	Text(30)		
Job Name	Name	Auto Number		✓
Jobs	Jobs__c	Text Area(255)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User, Group)		✓

Milestone 4

Activity 1: Create a tab

The screenshot shows the Salesforce Setup interface for the 'Tabs' page. The left sidebar contains a navigation menu with options: User Interface (selected), Rename Tabs and Labels, and Tabs (selected). The main content area is titled 'Tabs' and shows a table of custom object tabs. The table has columns for Action, Label, Tab Style, and Description. The tabs listed are: Candidates (Books), Job Applications (Camera), Jobs (Bell), Recruiters (Apple), Sales Managers (Laptop), and Tabs (Chalkboard). Below the table, there are sections for 'Web Tabs' (No Web Tabs have been defined) and 'Visualforce Tabs'.

Action	Label	Tab Style	Description
Edit Del	Candidates	Books	
Edit Del	Job Applications	Camera	
Edit Del	Jobs	Bell	
Edit Del	Recruiters	Apple	
Edit Del	Sales Managers	Laptop	
Edit Del	Tabs	Chalkboard	

Milestone 5:

Activity 1: Create a custom profile

The screenshot shows the Salesforce Setup interface for the 'Recruiter' profile. The left sidebar contains a search bar and a navigation menu with 'Users' and 'Profiles' (selected). The main content area is titled 'SETUP Profiles' and includes a 'Help for this Page' link. Below the title, there is a description of the profile and a list of enabled permissions: Login IP Ranges, Apex Class Access, Visualforce Page Access, External Data Source Access, Named Credential Access, Custom Metadata Type Access, Custom Setting Definitions Access, Flow Access, Service Presence Status Access, and Custom Permissions. The 'Profile Detail' section shows the profile name 'Recruiter', user license 'Salesforce', and a 'Custom Profile' checkbox that is checked. The 'Page Layouts' section is also visible. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 8:38 AM on 4/11/2023.

Activity 2:

The screenshot shows the Salesforce Setup interface for the 'Sales Manager' profile. The left sidebar contains a search bar and a navigation menu with 'Users' and 'Profiles' (selected). The main content area is titled 'SETUP Profiles' and includes a 'Help for this Page' link. Below the title, there is a description of the profile and a list of enabled permissions: Login IP Ranges, Apex Class Access, Visualforce Page Access, External Data Source Access, Named Credential Access, Custom Metadata Type Access, Custom Setting Definitions Access, Flow Access, Service Presence Status Access, and Custom Permissions. The 'Profile Detail' section shows the profile name 'Sales Manager', user license 'Salesforce', and a 'Custom Profile' checkbox that is checked. The 'Page Layouts' section is also visible. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 8:40 AM on 4/11/2023.

Milestone 6:

Activity 1: To Create a user

Developer Portal | Salesforce Dev | x Users | Salesforce x +

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000GeI55%3Fnoredirect%3D1%26...

Gmail YouTube Maps News Translate

Search Setup

Setup Home Object Manager

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

SETUP Users

User Hr Manager

Permission Set Assignments | Permission Set Assignments: Activation Required | Permission Set Group Assignments | Permission Set License Assignments | Personal Groups | Public Group Membership | Queue Membership | Team | Managers in the Role Hierarchy | OAuth Connected Apps | Third-Party Account Links | Installed Mobile Apps | Authentication Settings for External Systems | Login History | User Provisioning Accounts

User Detail

Edit Sharing Reset Password Freeze

Name	Hr Manager	Role	
Alias	hmna	User License	Salesforce Platform
Email	sivamathiv73@gmail.com	Profile	Standard Platform User
Username	sivamathi@statistics.com	Active	<input checked="" type="checkbox"/>
Nickname	User16806034452309227198	Marketing User	<input type="checkbox"/>
Title		Offline User	<input type="checkbox"/>
Company		Knowledge User	<input type="checkbox"/>
Department		Flow User	<input type="checkbox"/>
Division		Service Cloud User	<input type="checkbox"/>
Address		Site.com Contributor User	<input type="checkbox"/>

Type here to search

8:42 AM 4/11/2023

Developer Portal | Salesforce Dev | x Users | Salesforce x +

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000GeI55%3Fnoredirect%3D1%26...

Gmail YouTube Maps News Translate

Search Setup

Setup Home Object Manager

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

SETUP Users

Address		Site.com Contributor User	<input type="checkbox"/>
Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)	Site.com Publisher User	<input type="checkbox"/>
Locale	English (India)	WDC User	<input type="checkbox"/>
Language	English	Mobile Push Registrations	View
Delegated Approver		Data.com User Type	<input type="checkbox"/>
Manager		Accessibility Mode (Classic Only)	<input type="checkbox"/>
Receive Approval Request Emails	Only if I am an approver	Debug Mode	<input type="checkbox"/>
Federation ID		High-Contrast Palette on Charts	<input type="checkbox"/>
App Registration: One-Time Password Authenticator	<input type="checkbox"/>	Load Lightning Pages While Scrolling	<input checked="" type="checkbox"/>
App Registration: Salesforce Authenticator	<input type="checkbox"/>	Salesforce CRM Content User	<input checked="" type="checkbox"/>
Security Key (U2F or WebAuthn)	<input type="checkbox"/>	Receive Salesforce CRM Content Email Alerts	<input checked="" type="checkbox"/>
Lightning Login	<input type="checkbox"/>	Receive Salesforce CRM Content Alerts as Daily Digest	<input checked="" type="checkbox"/>
Temporary Verification Code (Expires in 1 to 24 Hours)	Generate	Make Setup My Default Landing Page	<input type="checkbox"/>

Type here to search

8:43 AM 4/11/2023

The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar contains a navigation menu with 'Users' highlighted. The main content area displays the 'SETUP Users' form. The form includes a 'Temporary Verification Code' field with a 'Generate' button, a 'Make Setup My Default Landing Page' checkbox, and an 'Allow Forecasting' checkbox. Below these are fields for 'Call Center', 'Phone', 'Extension', 'Fax', 'Mobile', 'Email Encoding', 'Unicode (UTF-8)', 'Employee Number', 'Used Data Space', 'Used File Space', 'Last Login', 'Last Password Change or Reset', and 'Failed Login Attempts'. The 'Created By' and 'Modified By' fields both show 'sivamathi V' with a timestamp of '04/04/2023, 3:49 pm'. At the bottom, there are buttons for 'Edit', 'Sharing', 'Reset Password', and 'Freeze'.

Activity 2:

The screenshot shows the Salesforce Setup interface for the 'Users' section, displaying the user detail for 'Ganesh Gelli'. The left sidebar contains a navigation menu with 'Users' highlighted. The main content area displays the 'User Detail' form for 'Ganesh Gelli'. The form includes a 'Name' field with the value 'Ganesh Gelli', an 'Alias' field with the value 'ggelli', an 'Email' field with the value 'sivamathiv73@gmail.com', a 'Username' field with the value 'ganesh@statistics.com', a 'Nickname' field with the value 'User16807526138952514487', a 'Title' field, a 'Company' field, a 'Department' field, a 'Division' field, a 'Role' field with the value 'Salesforce Platform', a 'User License' field with the value 'Standard Platform User', an 'Active' checkbox that is checked, a 'Marketing User' checkbox, an 'Offline User' checkbox, a 'Knowledge User' checkbox, a 'Flow User' checkbox, a 'Service Cloud User' checkbox, and a 'Site.com Contributor User' checkbox. At the bottom, there are buttons for 'Edit', 'Sharing', 'Reset Password', and 'Freeze'.

The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar contains a navigation menu with options like 'Users', 'Permission Set Groups', 'Permission Sets', 'Profiles', 'Public Groups', 'Queues', 'Roles', 'User Management Settings', 'Feature Settings', and 'Data.com'. The main content area is titled 'SETUP Users' and displays a list of configuration settings for a user, including Time Zone, Locale, Language, Delegated Approver, Manager, Receive Approval Request Emails, Federation ID, App Registration, Security Key, Lightning Login, Temporary Verification Code, Site.com Publisher User, WDC User, Mobile Push Registrations, Data.com User Type, Accessibility Mode, Debug Mode, High-Contrast Palette, Load Lightning Pages, Salesforce CRM Content User, Receive Salesforce CRM Content Email Alerts, Receive Salesforce CRM Content Alerts as Daily Digest, Make Setup My Default Landing Page, Allow Forecasting, and Call Center. The 'Users' section is highlighted in the sidebar, and the 'Prospector Users' sub-section is selected.

The screenshot shows the Salesforce Setup interface for the 'Users' section, displaying the details of a specific user. The left sidebar is the same as the previous screenshot. The main content area is titled 'SETUP Users' and shows the user's details, including 'Allow Forecasting', 'Call Center', 'Phone', 'Extension', 'Fax', 'Mobile', 'Email Encoding', 'Employee Number', 'Used Data Space', 'Used File Space', 'Last Login', 'Last Password Change or Reset', 'Failed Login Attempts', 'Created By', 'Modified By', and 'Individual'. The 'Users' section is highlighted in the sidebar, and the 'Prospector Users' sub-section is selected. At the bottom of the user details, there are buttons for 'Edit', 'Sharing', 'Reset Password', and 'Freeze'.

Milestone 7:

Activity 1: Create a sharing rule

The screenshot shows the Salesforce Setup interface for the 'Roles' section. The left sidebar contains navigation links for Setup, Home, and Object Manager. The main content area displays the 'SVP, Human Resources' role configuration. Below the role name, there is a list of users assigned to this role. The 'Role Detail' section provides information about the role's hierarchy, modified by, and sharing groups.

Role Detail

Label	SVP, Human Resources	Role Name	SVPHumanResources
This role reports to	CEO	Role Name as displayed on reports	SVP, Human Resources
Modified By	siyamathi V 29/03/2023, 11:30 am	Sharing Groups	Role, Role and Subordinates
Opportunity Access	Users in this role can edit all opportunities associated with accounts that they own, regardless of who owns the opportunities		
Case Access	Users in this role can edit all cases associated with accounts that they own, regardless of who owns the cases		

Activity 2:

This screenshot is identical to the one above, showing the Salesforce Setup Roles page for the 'SVP, Human Resources' role. It displays the role's configuration, including its hierarchy, modified by, and sharing groups.

Role Detail

Label	SVP, Human Resources	Role Name	SVPHumanResources
This role reports to	CEO	Role Name as displayed on reports	SVP, Human Resources
Modified By	siyamathi V 29/03/2023, 11:30 am	Sharing Groups	Role, Role and Subordinates
Opportunity Access	Users in this role can edit all opportunities associated with accounts that they own, regardless of who owns the opportunities		
Case Access	Users in this role can edit all cases associated with accounts that they own, regardless of who owns the cases		

Milestone 8

Activity 1: Create a report

Developer Portal | Salesforce Dev | Job Application Tracking System

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/r/Report/0002w00000Ea7QQEaZ/view?queryScope=userFolders

Search...

Sales Console Reports Job Application Track...

Report: Accounts
Job Application Tracking System

Enable Field Editing Add Chart Edit

Total Records
13

Type	San Francisco	Subtotal	Austin	Burlington	Chicago	New York	Singapore	Tucson	Subtotal	Lawrence	Mountain View	Paris	Portland
Record Count	1	2	1	0	0	0	0	1	2	1	0	1	0

Details (13 Records) Click an intersection in the table above to filter details.

Last Activity	Account Owner	Account Name	Billing State/Province	Last Modified Date
1	sivamathi V	sForce	CA	29/03/2023
2	sivamathi V	United Oil & Gas, UK	UK	29/03/2023

Row Counts Detail Rows Subtotals Grand Total Stacked Summaries

History

Type here to search

9:13 AM 4/11/2023

Activity 2:

Developer Portal | Salesforce Dev | Job Application Tracking System

governmentartscollege162-dev-ed.develop.lightning.force.com/lightning/r/Report/0002w00000Ea7QQEaZ/view?queryScope=userFolders

Search...

Sales Console Reports Job Application Track...

Report: Accounts
Job Application Tracking System

Enable Field Editing Add Chart Edit

Total Records
13

Type	San Francisco	Subtotal	Austin	Burlington	Chicago	New York	Singapore	Tucson	Subtotal	Lawrence	Mountain View	Paris	Portland
Record Count	1	2	1	0	0	0	0	1	2	1	0	1	0

Details (13 Records) Click an intersection in the table above to filter details.

Last Activity	Account Owner	Account Name	Billing State/Province	Last Modified Date
1	sivamathi V	sForce	CA	29/03/2023
2	sivamathi V	United Oil & Gas, UK	UK	29/03/2023

Row Counts Detail Rows Subtotals Grand Total Stacked Summaries

History

Type here to search

9:13 AM 4/11/2023

4. Trailhead Profile Public URL

Team Lead-<https://trailblazer.me/id/smathi105>

Team Member 1-<http://trailblazer.me/id/jjagan26>

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

Project Report Template

5. Advantage & Disadvantage

A good job search begins with sufficient planning and overall knowledge of the recruitment process. Tracker tools make it easier to reach potential employers. The tools also provide easier process implementation, simple collaboration, and scheduling integration.

A Disadvantage of ATS is missing qualified applicants due to wrong keyword selection.

Automatic elimination of resumes that software cannot recognize and interpret is another drawback of ATS.

An Applicant Tracking System Disadvantage is that they are open to manipulation.

6. APPLICATIONS

An applicant tracking system (ATS) is software that manages the recruiting and hiring process, including job postings and job applications. It organizes information about job seekers and makes it searchable. As its name implies, an ATS tracks candidates through the hiring process.

7. CONCLUSION

Vehicle detection is the basis and premise for researches such as parking lot management, vehicle tracking, and vehicle license plate recognition. But in the actual operation, there are still many difficulties to be solved in vehicle detection, such as occlusion, lighting, and object shape changes.

8. FUTURE SCOPE

The scope of our GPS based vehicle tracking and

management system is to trace the where about of specific vehicle or person using a GPS & GSM technology. GPS vehicle tracking system is the apparent way for any business to advance its profit, efficiency, customer-service and routing control.