# NAAN MUDHALVAN

## ASSIGNMENT

**on**

**[SALESFORCE]**

# CREATION OF AN APPLICATION FOR SCHOOL MANAGEMENT

**NAME – BEETRISHYA M**

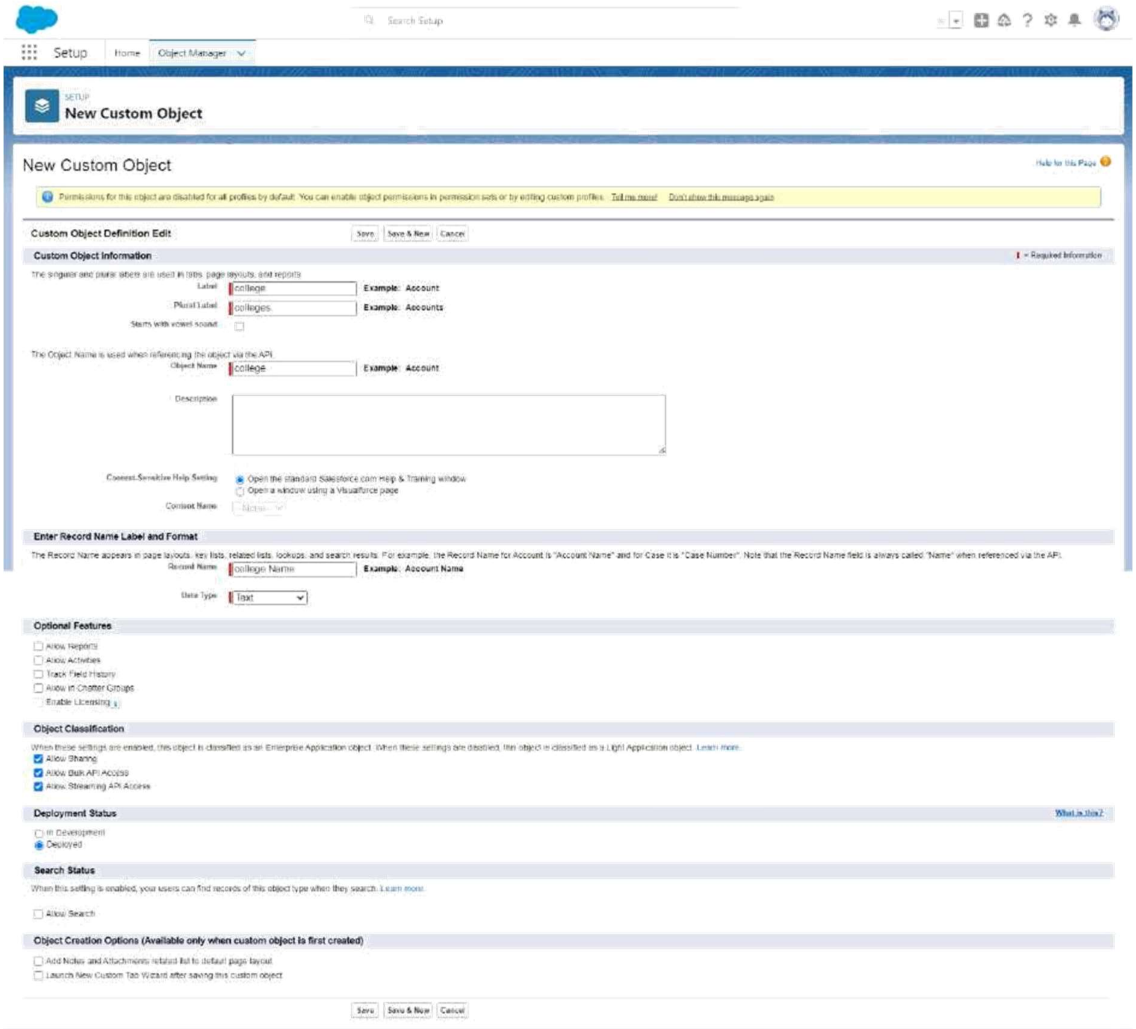
**NM ID -**

499CE409D834944BDF544E661C434ACE

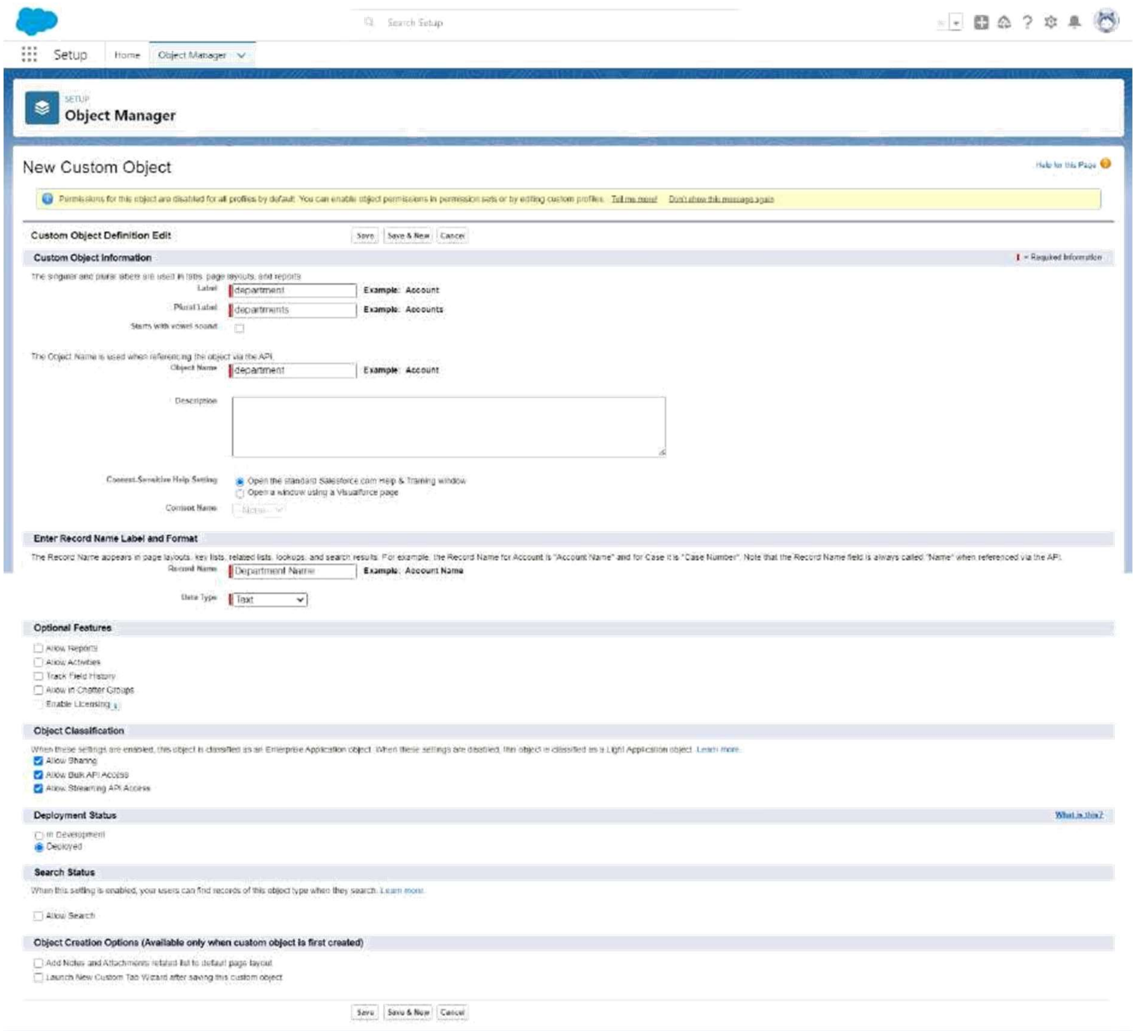
**1.Create a Master-Detail Relationship between two Custom objects and also create a Roll Up Summary Field to Calculate total number of records.**

Solution:
Step 1: Create Custom Objects

Assuming you have two custom objects, let's call them "College_C" and "C Department_C". If you haven't already created these objects, you can do so by going to Setup > Object Manager > Create > Custom Object.



Second custom objects, let's call them "Department_C"



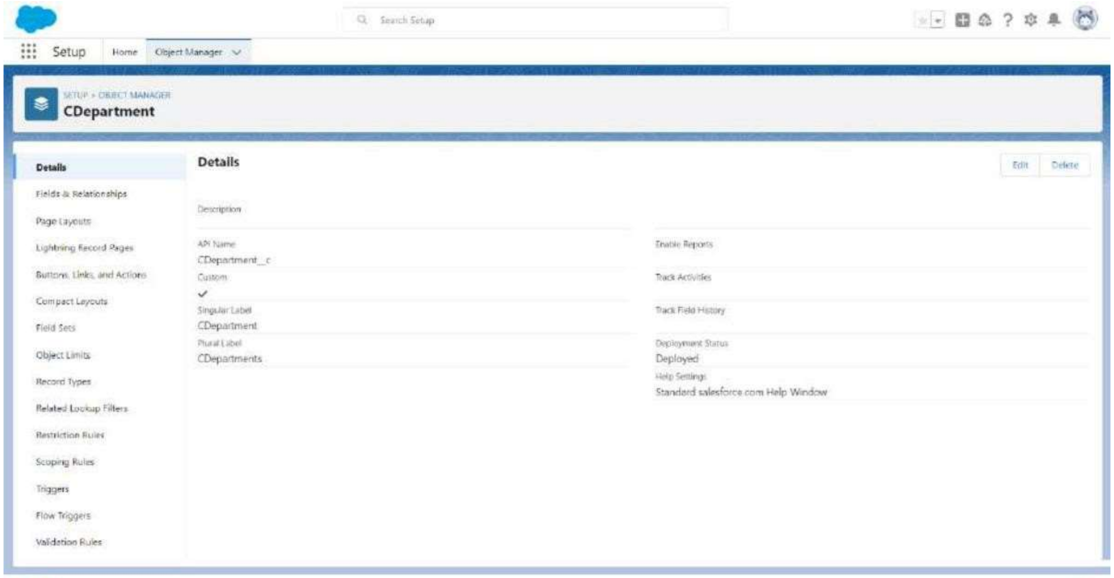
## Step 2: Create a Master-Detail Relationship

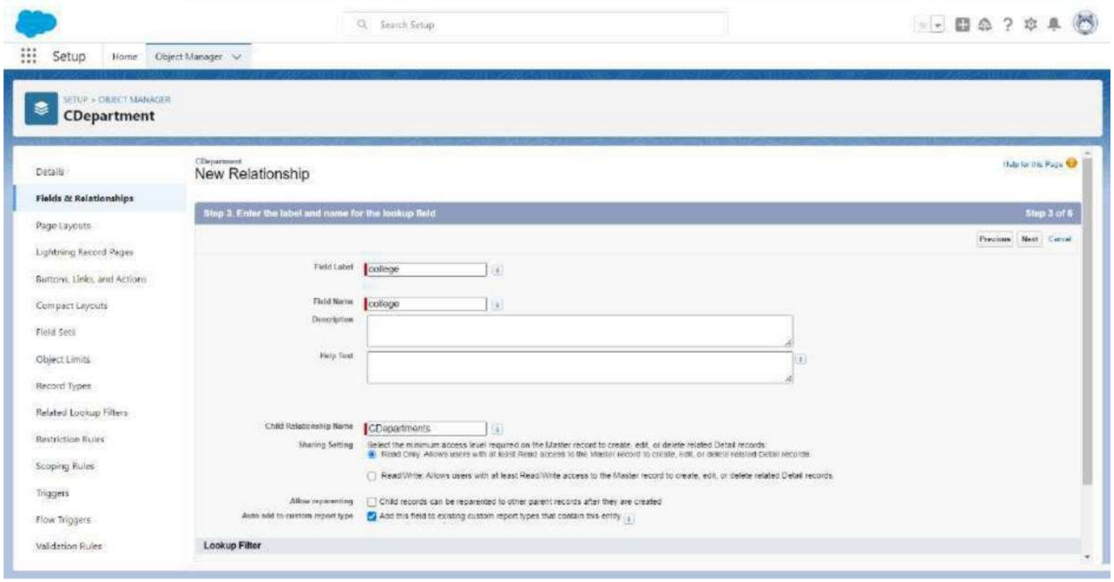
To create a Master-Detail relationship between these two custom objects, follow these steps:

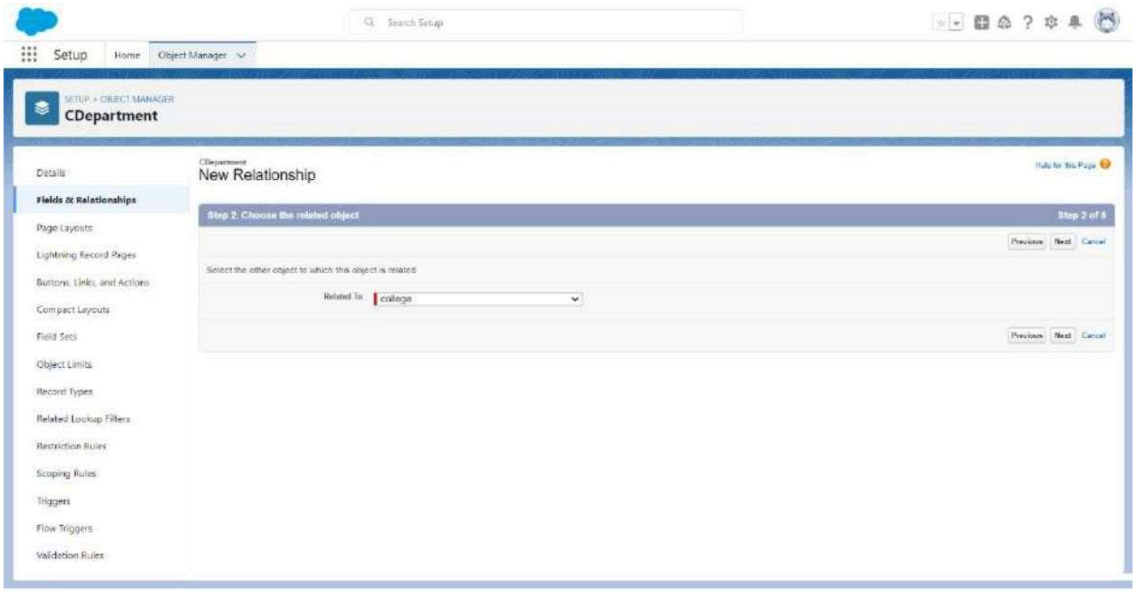
1. Go to Setup > Object Manager.
2. Click on "College__c" to open its settings.
3. In the left sidebar, click on "Fields & Relationships."

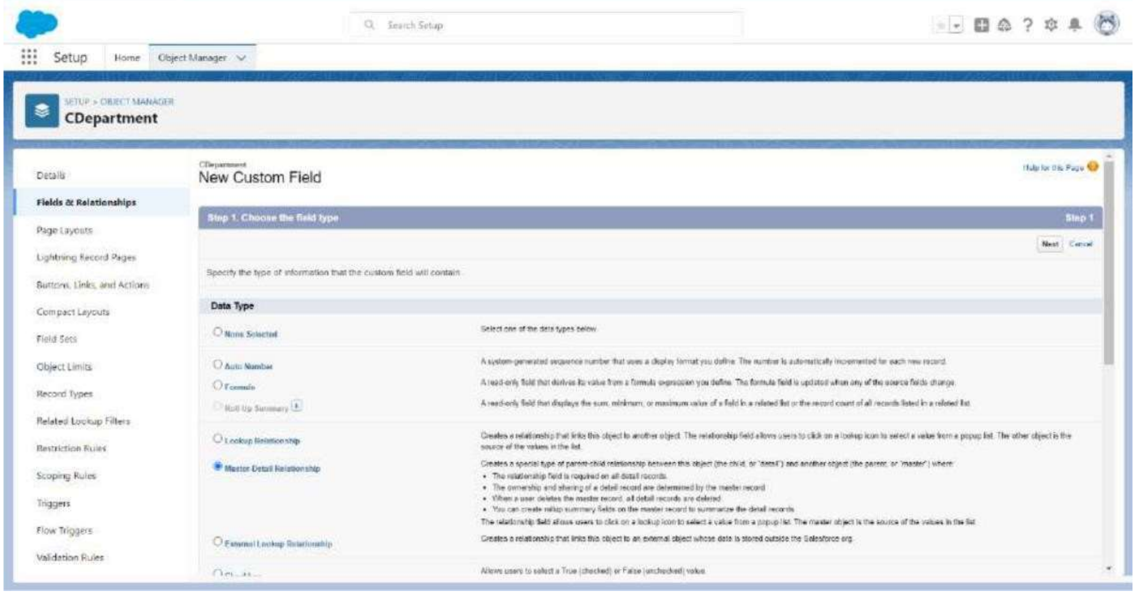
4. Click the "New" button to create a new custom field.
5. Choose "Master-Detail Relationship" as the data type.
6. Enter a label for the relationship, e.g., "Department__c."
7. Choose " Department__c" as the related object.
8. Configure other settings as needed and click "Next."
9. Specify the field-level security and add it to relevant page layouts.

10. Click "Next" and "Save" to create the relationship.


Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
CDepartment
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
Triggers
Flow Triggers
Validation Rules
Details
Edit
Delete
Description
API Name
CDepartment__c
Custom
Singular Label
CDepartment
Plural Label
CDepartments
Enable Reports
Track Activities
Track Field History
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window


Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
CDepartment
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
Triggers
Flow Triggers
Validation Rules
CDepartment
New Relationship
Help for this Page
Step 3. Enter the label and name for the lookup field
Step 3 of 6
Previous
Next
Cancel
Field Label
college
Field Name
college
Description
Help Text
Child Relationship Name
CDepartments
Sharing Setting
Select the minimum access level required on the Master record to create, edit, or delete related Detail records:
Read Only: Allows users with at least Read access to the Master record to create, edit, or delete related Detail records.
Read/Write: Allows 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 type
Add this field to existing custom report types that contain this entity
Lookup Filter



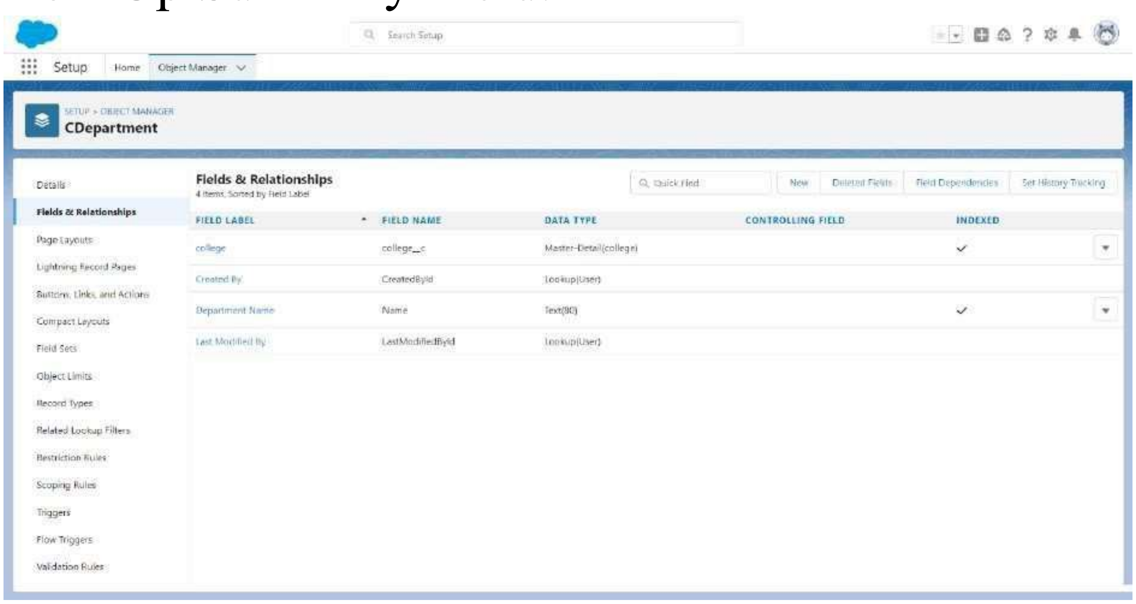

## Step 3: Create the Roll-Up Summary Field

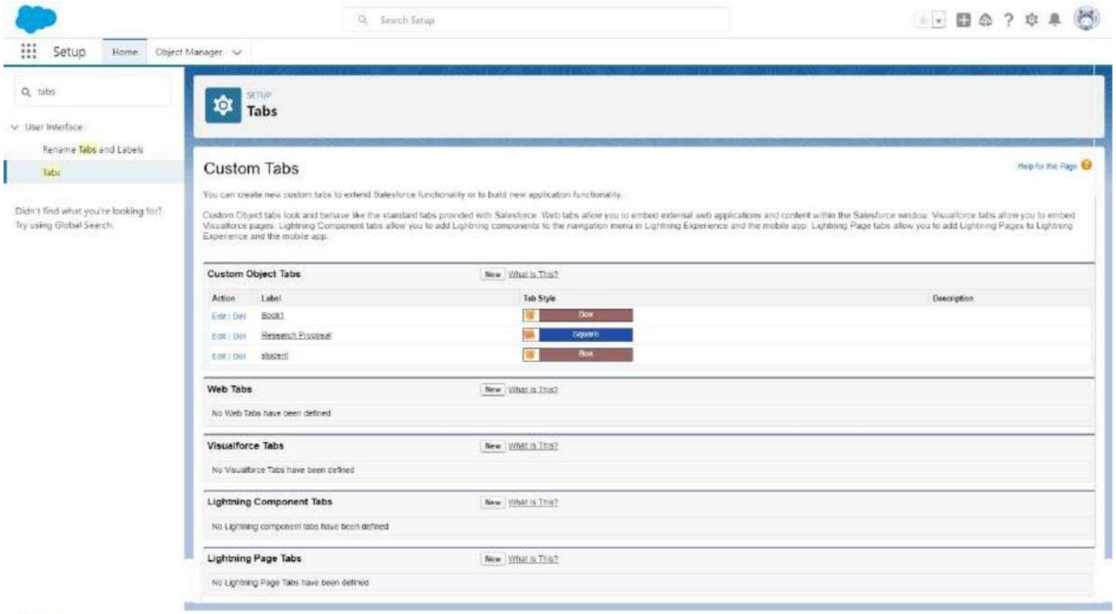
Now, let's create a Roll-Up Summary Field on the "College_C" to calculate the total number of related records in "Department_C":

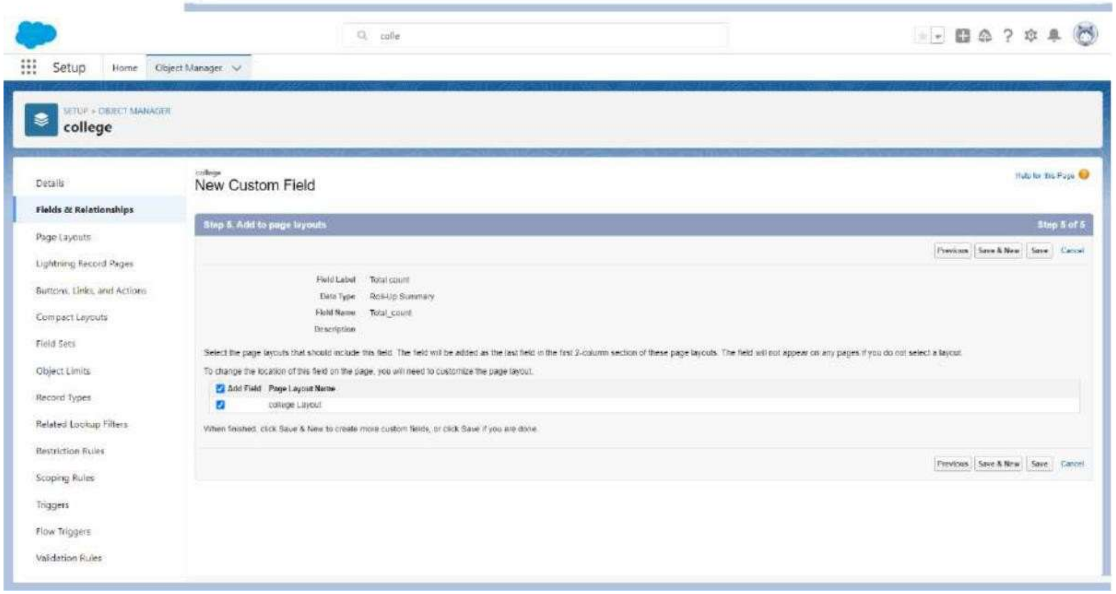
1. Still on the "College c" settings, go to "Fields & Relationships."

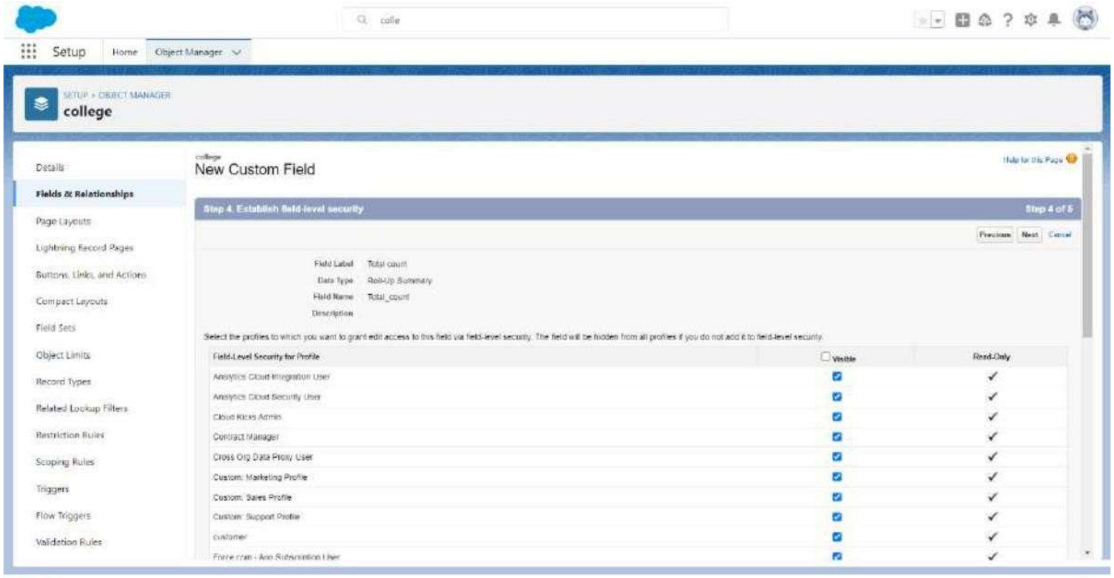
2. Click the "New" button to create a new custom field.
3. Choose "Roll-Up Summary" as the data type.
4. Enter a label for the field, e.g.,
5. Choose "Count" as the Roll-Up Type.
6. Select " Department__c" as the object to roll up information from.
7. Specify the filter criteria if you want to filter the related records.
8. Configure other settings as needed and click "Next."
9. Specify the field-level security and add it to relevant page layouts.

10. Click "Next" and "Save" to create the Roll-Up Summary Field.




Search Setup
Setup
Home
Object Manager
tabs
User Interface
Rename Tabs and Labels
Tabs
Didn't find what you're looking for? Try using Global Search.
SETUP
Tabs
Custom Tabs
Help for this Page
You can create new custom tabs to extend Salesforce functionality or to build new application functionality.
Custom Object Tabs
New
What Is This?
Action
Label
Tab Style
Description
Edit | Del
Book1
Box
Research Proposal
Square
student
Web Tabs
No Web Tabs have been defined
Visualforce Tabs
No Visualforce Tabs have been defined
Lightning Component Tabs
No Lightning component tabs have been defined
Lightning Page Tabs
No Lightning Page Tabs have been defined


colle
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
college
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
Triggers
Flow Triggers
Validation Rules
college
New Custom Field
Help for this Page
Step 5. Add to page layouts
Step 5 of 5
Previous
Save & New
Save
Cancel
Field Label
Total count
Data Type
Roll-Up Summary
Field Name
Total_count
Description
To change the location of this field on the page, you will need to customize the page layout.
Add Field
Page Layout Name
college Layout
When finished, click Save & New to create more custom fields, or click Save if you are done.


Setup
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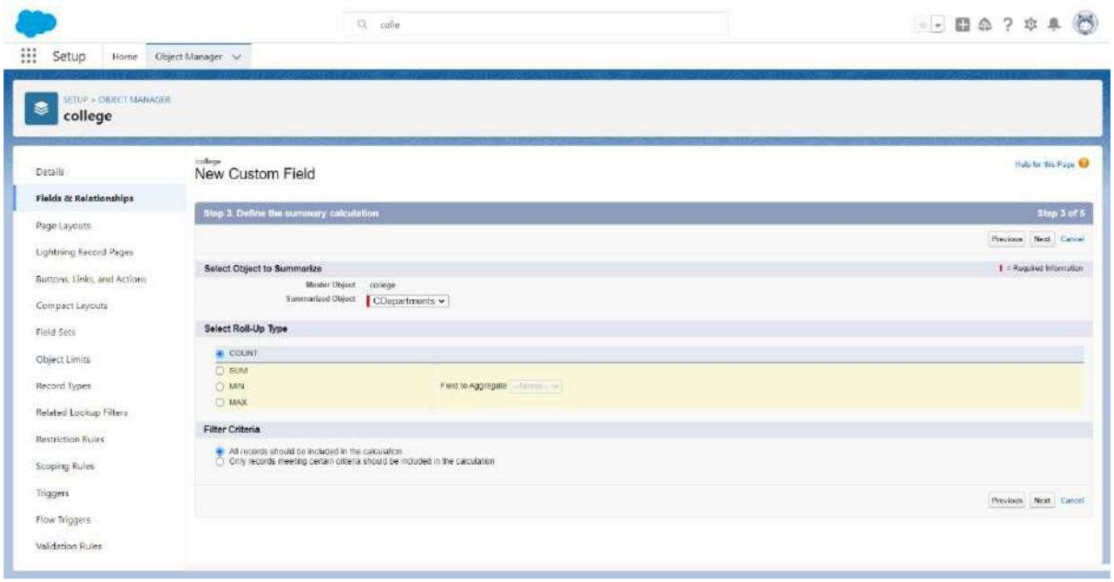
Object Manager
SETUP > OBJECT MANAGER
college
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Triggers
Flow Triggers
Validation Rules
New Custom Field
Step 4. Establish field-level security
Step 4 of 5
Previous
Next
Cancel
Field Label
Total count
Data Type
Roll-Up Summary
Field Name
Total_count
Description
Field-Level Security for Profile
Visible
Read-Only
Analytics Cloud Integration User
Analytics Cloud Security User
Cloud Kicks Admin
Contract Manager
Cross Org Data Proxy User
Custom: Marketing Profile
Custom: Sales Profile
Custom: Support Profile
customer

Setup
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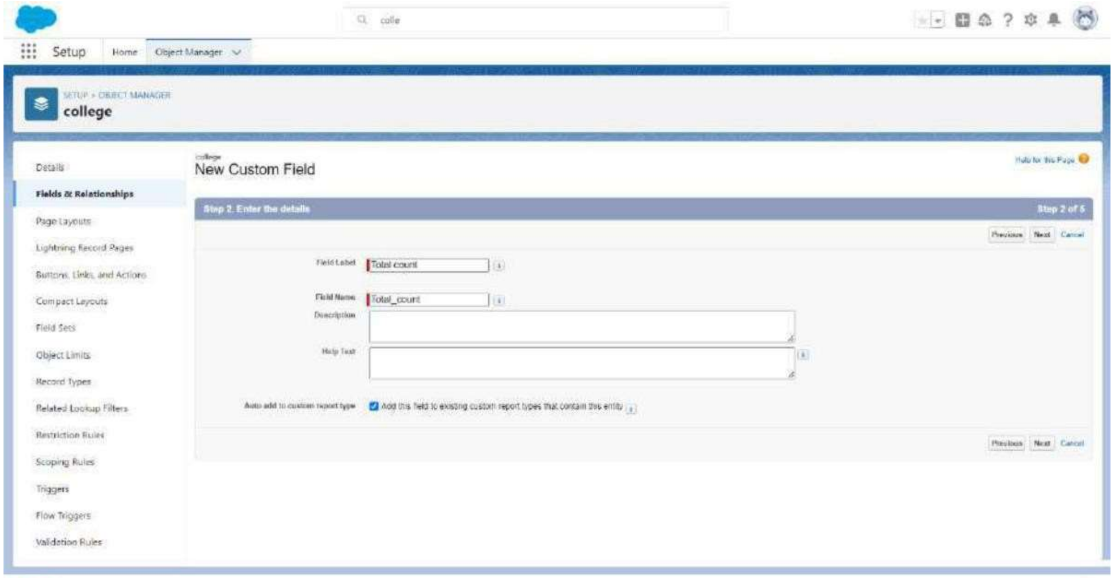
Object Manager
SETUP > OBJECT MANAGER
college
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Triggers
Flow Triggers
Validation Rules
New Custom Field
Step 3. Define the summary calculation
Step 3 of 5
Previous
Next
Cancel
Select Object to Summarize
Master Object
college
Summarized Object
CDepartments
Select Roll-Up Type
COUNT
SUM
MIN
MAX
Field to Aggregate
Filter Criteria
All records should be included in the calculation
Only records meeting certain criteria should be included in the calculation
Previous
Next
Cancel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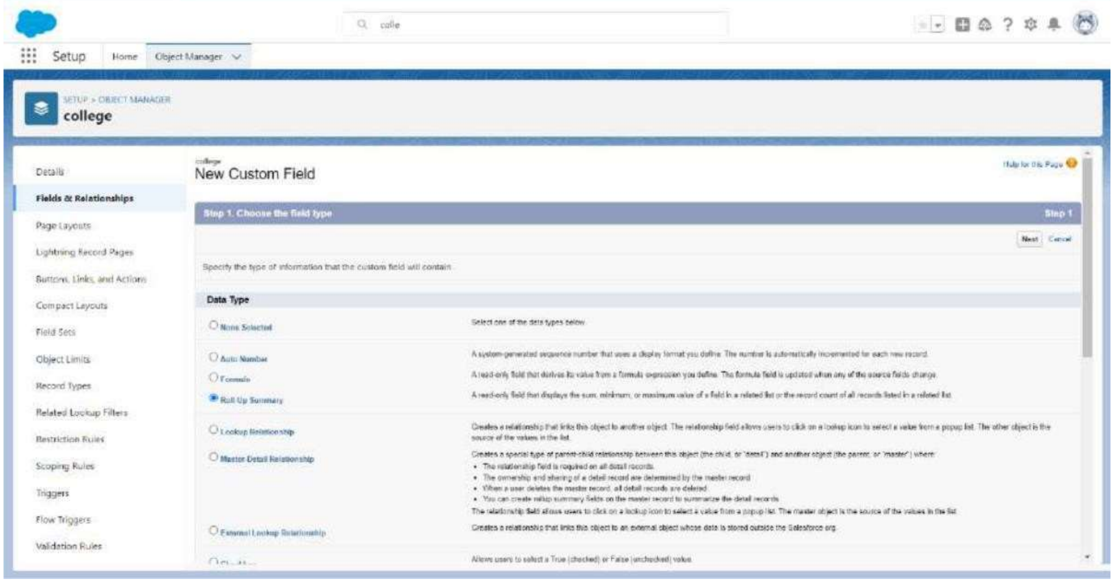
Object Manager
SETUP > OBJECT MANAGER
college
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Triggers
Flow Triggers
Validation Rules
college
New Custom Field
Help for this Page
Step 2. Enter the details
Step 2 of 5
Previous
Next
Cancel
Field Label
Total count
Field Name
Total_count
Description
Help Text
Auto add to custom report type
Add this field to existing custom report types that contain this entity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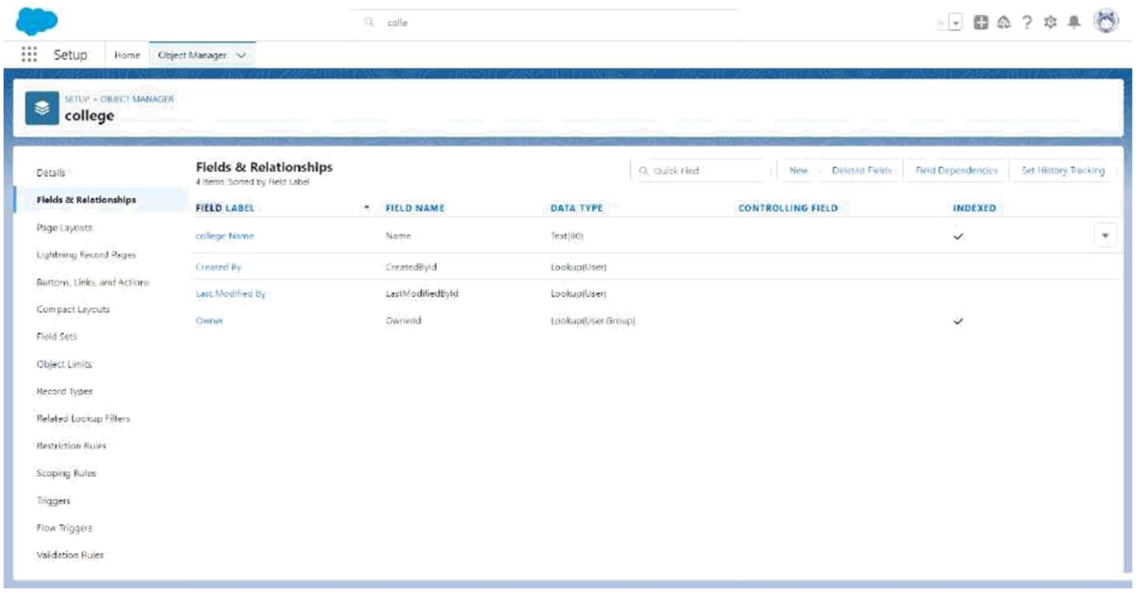
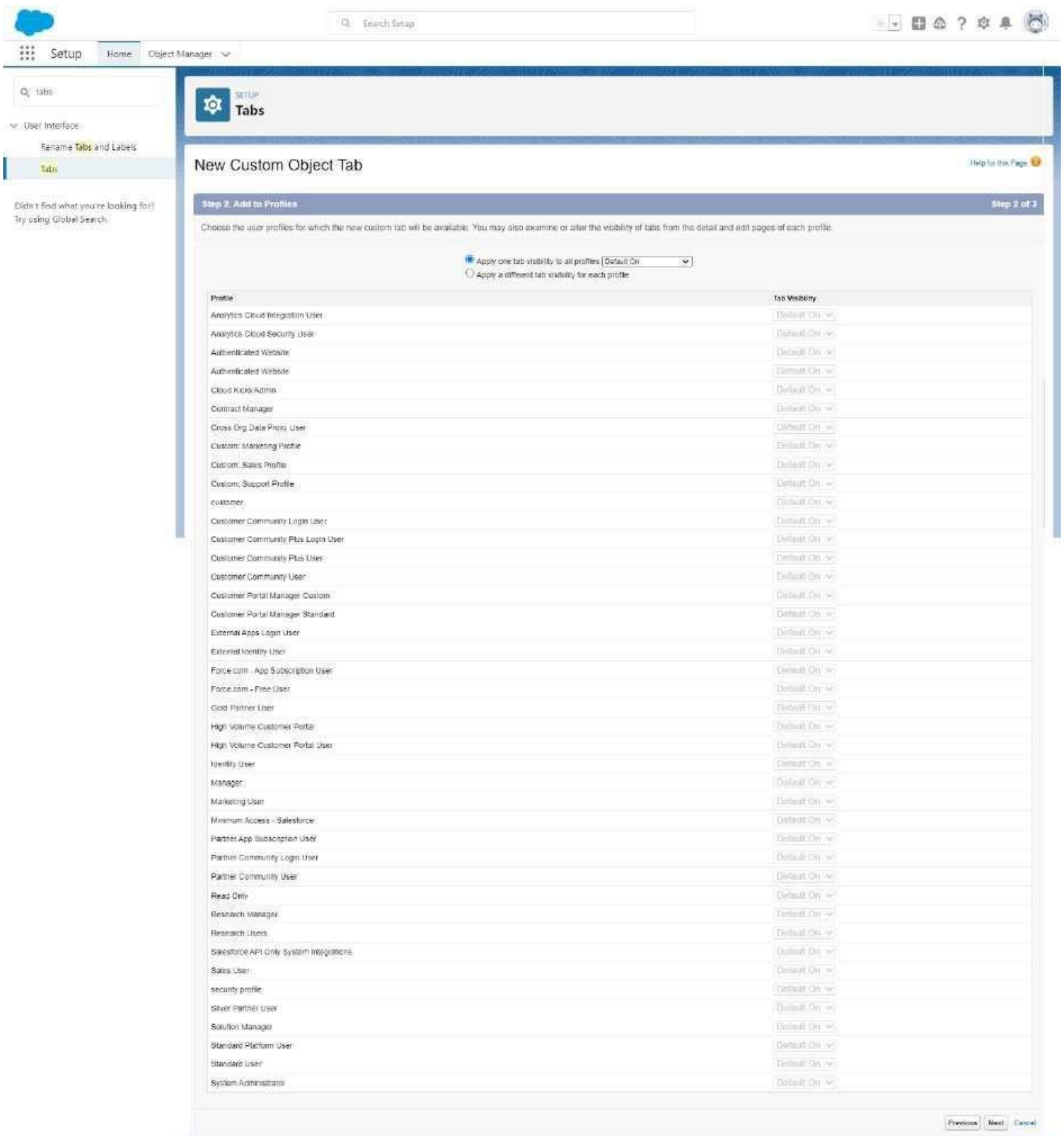
Object Manager
SETUP > OBJECT MANAGER
college
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Restriction Rules
Scoping Rules
Triggers
Flow Triggers
Validation Rules
college
New Custom Field
Help for this Page
Step 1. Choose the field type
Step 1
Next
Cancel
Specify the type of information that the custom field will contain.
Data Type
None Selected
Select one of the data types below.
Auto Number
Formula
Roll-Up Summary
Lookup Relationship
Master-Detail Relationship
External Lookup Relationship



Step 4: Create a Lightning App

1. Type and select "App Manager."
2. Click "New Lightning App."
3. Fill in basic information (Name, Developer Name, Description).
4. Choose the App Type (Standard, Console, Custom).
5. Customize the Logo and Colour Scheme.
6. Configure Navigation Items (objects to appear in the app's menu).
7. Set the App Visibility (default access).
8. Optionally, choose Record Pages (Lightning Record Pages).
9. Review and Save the app.

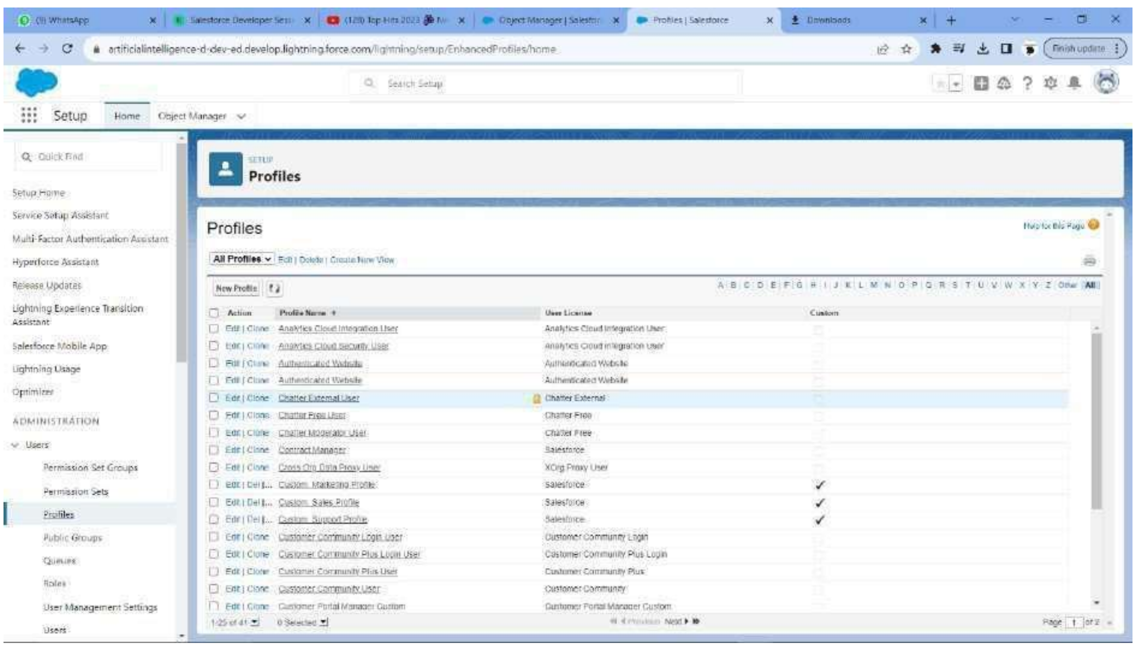
10. Assign the app to users or profiles.
11. Test the app with the assigned users.

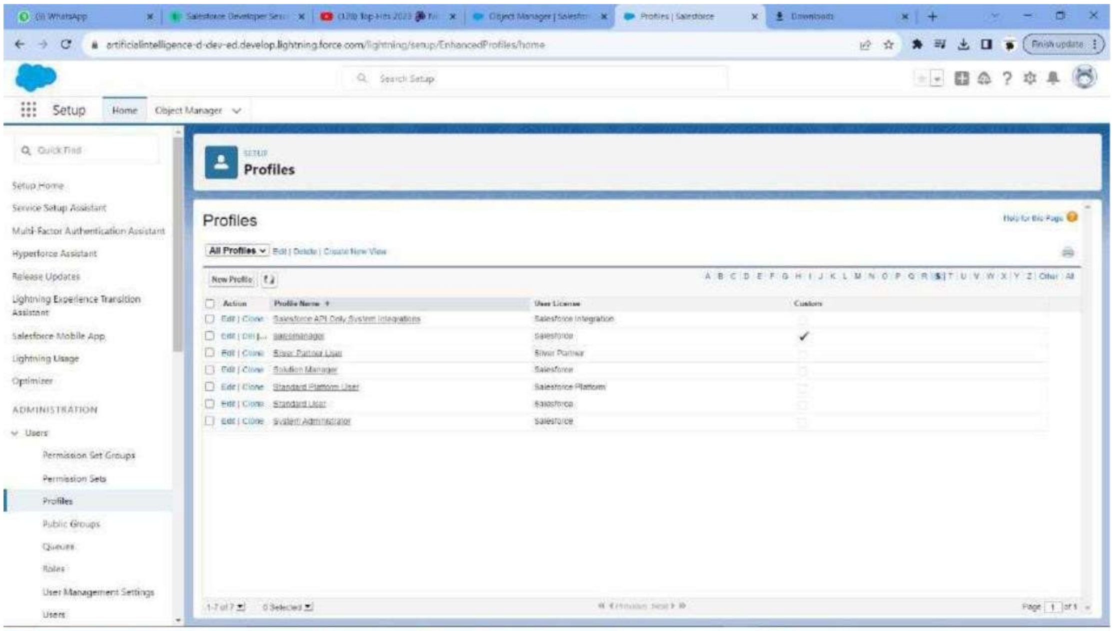


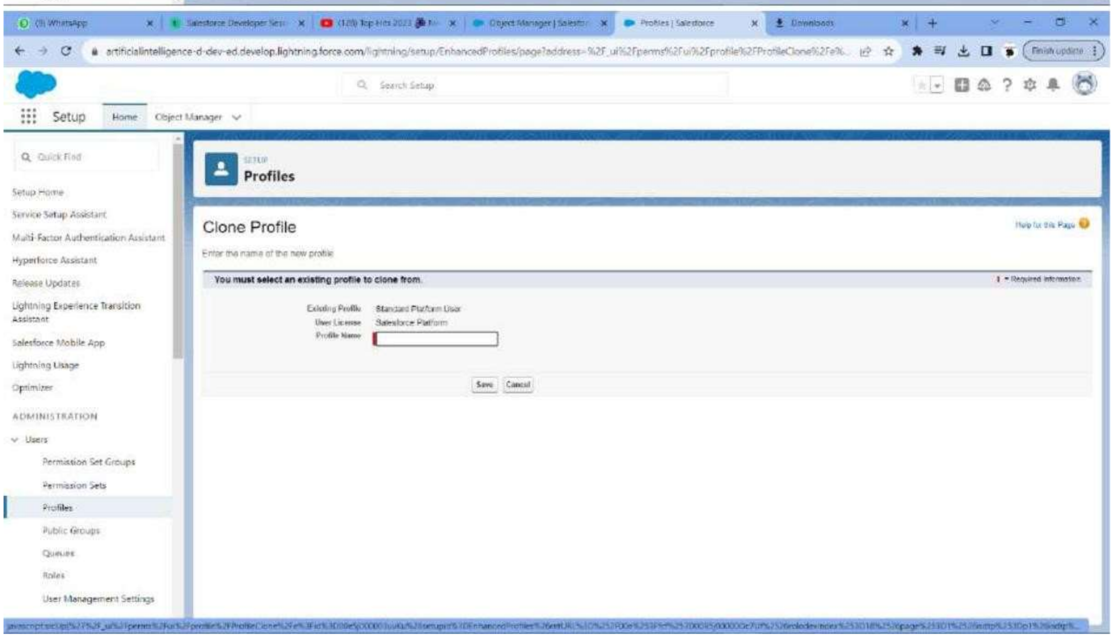
**2. If there is 2 user, User A and User B in the organisation and we want in Account object that User A should not see the User B Record and user B should not see User A record then apply the Security for the users.**

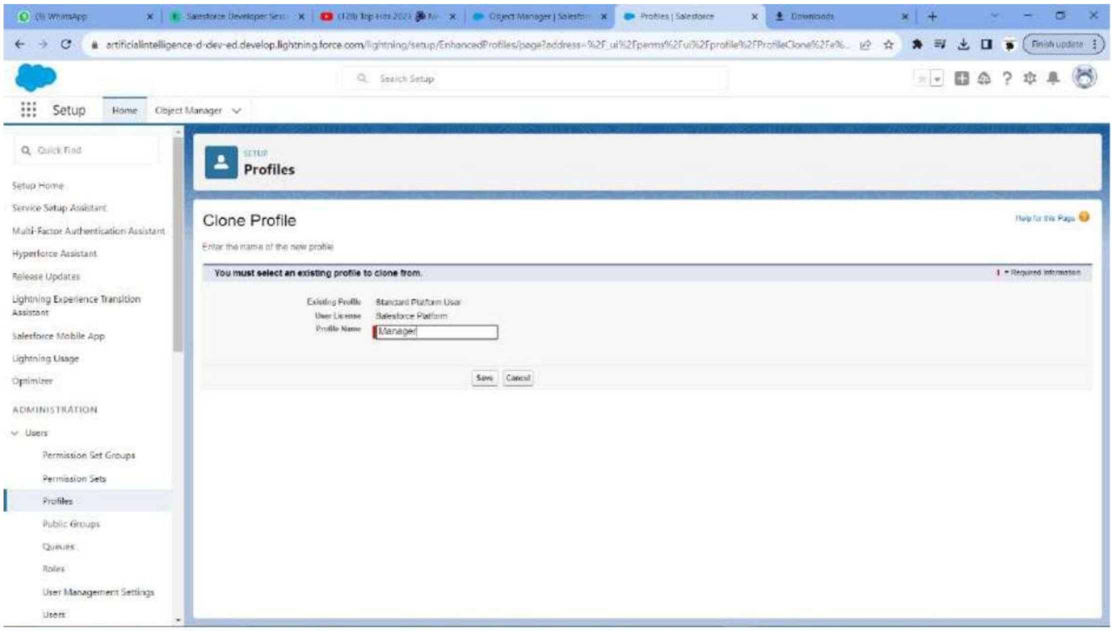
Solution:

Step 1: Create two separate custom profiles, one for User A and one for User B.

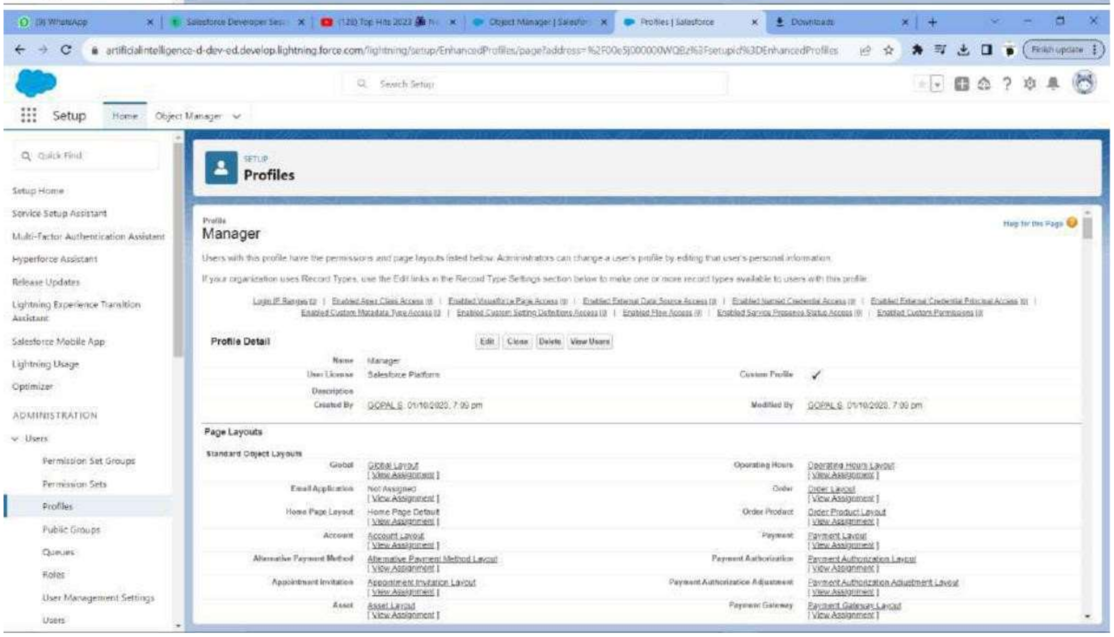



artificialintelligence-d-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/home
Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
Profiles
All Profiles
New Profile
Action
Profile Name
User License
Custom
Edit | Clone Salesforce API Only System Integrations Salesforce Integration
Edit | Del | ... salesmanager Salesforce
Edit | Clone Silver Partner User Silver Partner
Edit | Clone Solution Manager Salesforce
Edit | Clone Standard Platform User Salesforce Platform
Edit | Clone Standard User Salesforce
Edit | Clone System Administrator Salesforce

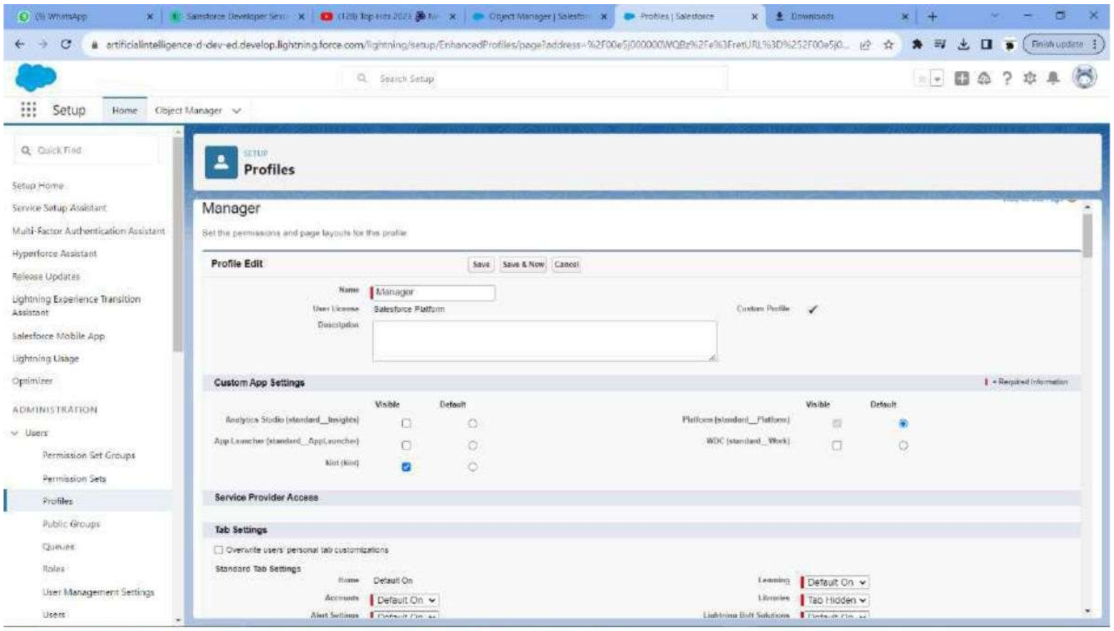

Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
SETUP
Profiles
Clone Profile
Enter the name of the new profile
You must select an existing profile to clone from.
Existing Profile Standard Platform User
User License Salesforce Platform
Profile Name
Save
Cancel



Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
Clone Profile
Enter the name of the new profile
You must select an existing profile to clone from.
Existing Profile Standard Platform User
User License Salesforce Platform
Profile Name Manager
Save
Cancel

Setup
Home
Object Manager
SETUP
Profiles
Profile
Manager
Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.
Profile Detail
Edit
Clone
Delete
View Users
Name Manager
User License Salesforce Platform
Custom Profile ✓
Description
Created By GOPAL.S, 01/10/2020, 7:00 pm
Modified By GOPAL.S, 01/10/2020, 7:00 pm
Page Layouts
Standard Object Layouts
Global Global Layout
Email Application Not Assigned
Home Page Layout Home Page Default
Account Account Layout
Alternative Payment Method Alternative Payment Method Layout
Appointment Invitation Appointment Invitation Layout
Asset Asset Layout
Operating Hours Operating Hours Layout
Order Order Layout
Order Product Order Product Layout
Payment Payment Layout
Payment Authorization Payment Authorization Layout
Payment Authorization Adjustment Payment Authorization Adjustment Layout
Payment Gateway Payment Gateway Layout


Setup
Home
Object Manager
Profiles
Manager
Set the permissions and page layouts for this profile
Profile Edit
Save
Save & New
Cancel
Name
Manager
User License
Salesforce Platform
Description
Custom Profile
Custom App Settings
Visible
Default
Analytics Studio (standard__Insights)
App Launcher (standard__AppLauncher)
Kiot (kiot)
Platform (standard__Platform)
WDC (standard__Work)
Service Provider Access
Tab Settings
Overwrite users' personal tab customizations
Standard Tab Settings
Home
Default On
Accounts
Default On
Learning
Default On
Libraries
Tab Hidden
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
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Roles
User Management Settings
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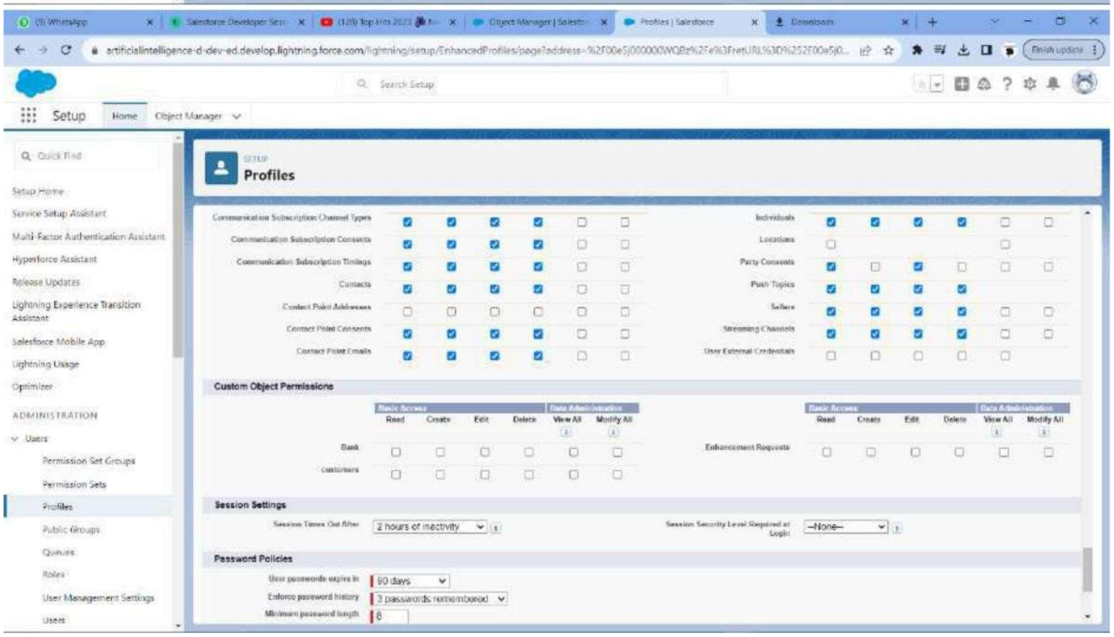
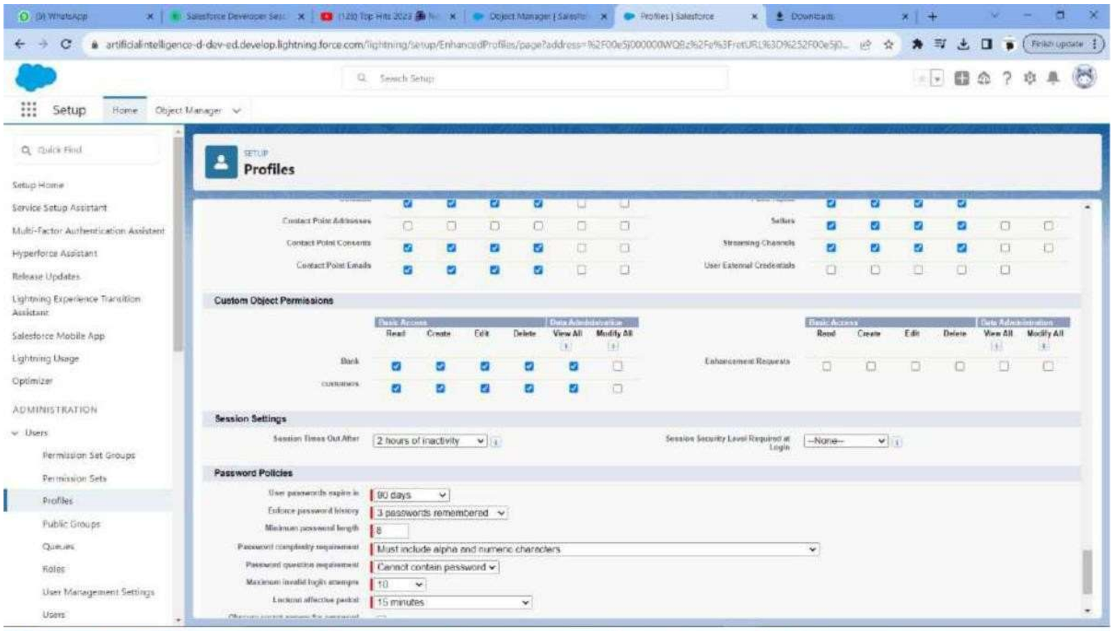

Setup
Home
Object Manager
Profiles
Communication Subscription Channel Types
Communication Subscription Consents
Communication Subscription Timings
Contacts
Contact Point Addresses
Contact Point Consents
Contact Point Emails
Individuals
Locations
Party Consents
Push Topics
Sellers
Streaming Channels
User External Credentials
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Bank
customers
Enhancement Requests
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8


Setup
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Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
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Permission Sets
Profiles
Public Groups
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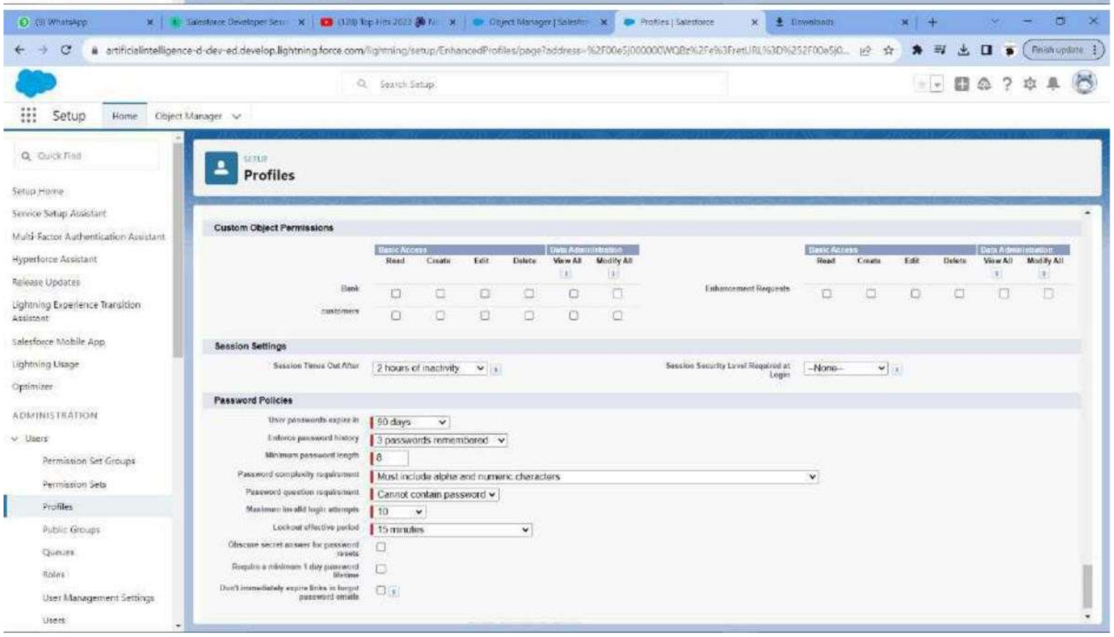
Roles
User Management Settings
Users
SETUP
Profiles
Contact Point Addresses
Contact Point Consents
Contact Point Emails
Sellers
Streaming Channels
User External Credentials
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Bank
customers
Enhancement Requests
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8
Password complexity requirement
Must include alpha and numeric characters
Password question requirement
Cannot contain password
Maximum invalid login attempts
10
Lockout effective period
15 minutes

Setup
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Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
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Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
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User Management Settings
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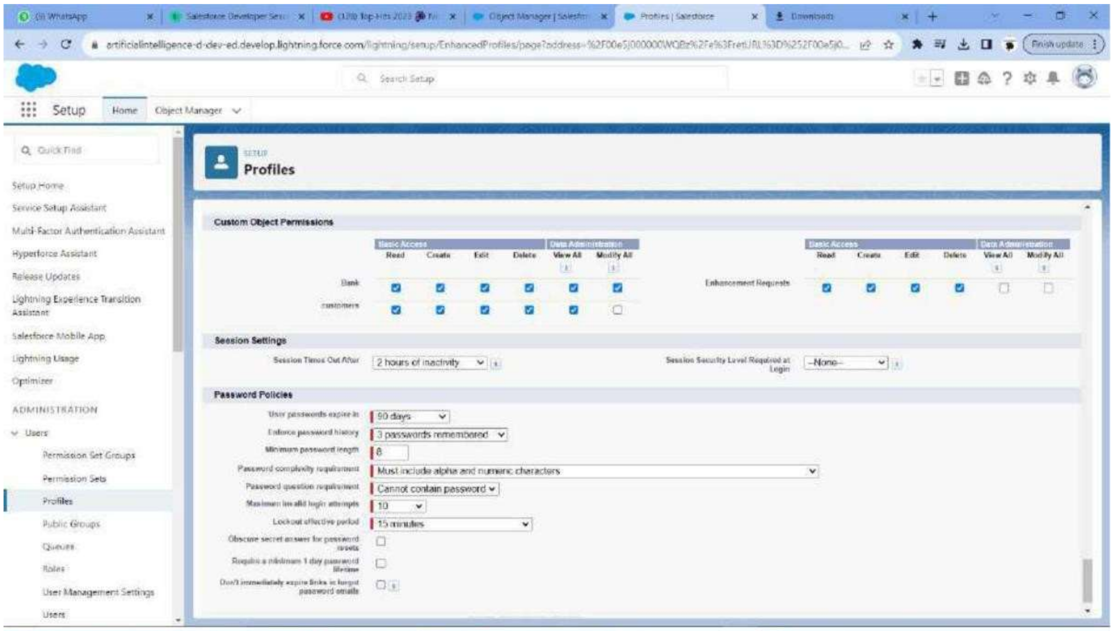
SETUP
Profiles
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Bank
customers
Enhancement Requests
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8
Password complexity requirement
Must include alpha and numeric characters
Password question requirement
Cannot contain password
Maximum invalid login attempts
10
Lockout effective period
15 minutes
Obscure secret answer for password resets
Require a minimum 1 day password lifetime
Don't immediately expire links in forgot password emails


Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
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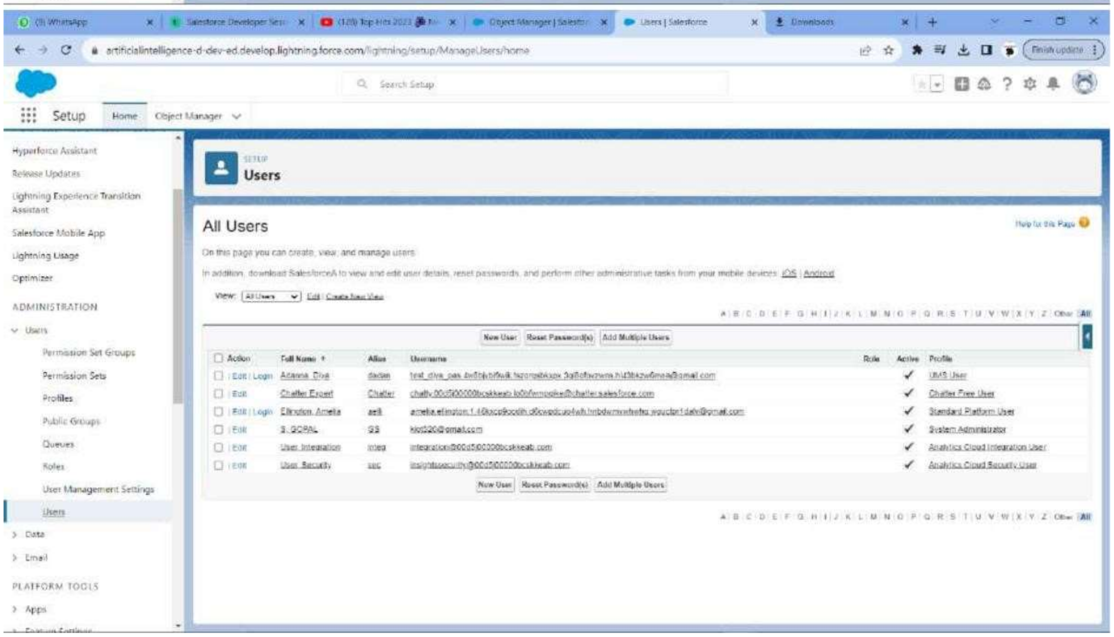
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Bank
customers
Enhancement Requests
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8
Password complexity requirement
Must include alpha and numeric characters
Password question requirement
Cannot contain password
Maximum invalid login attempts
10
Lockout effective period
15 minutes
Obscure secret answer for password resets
Require a minimum 1 day password lifetime
Don't immediately expire links in forgot password emails


Setup
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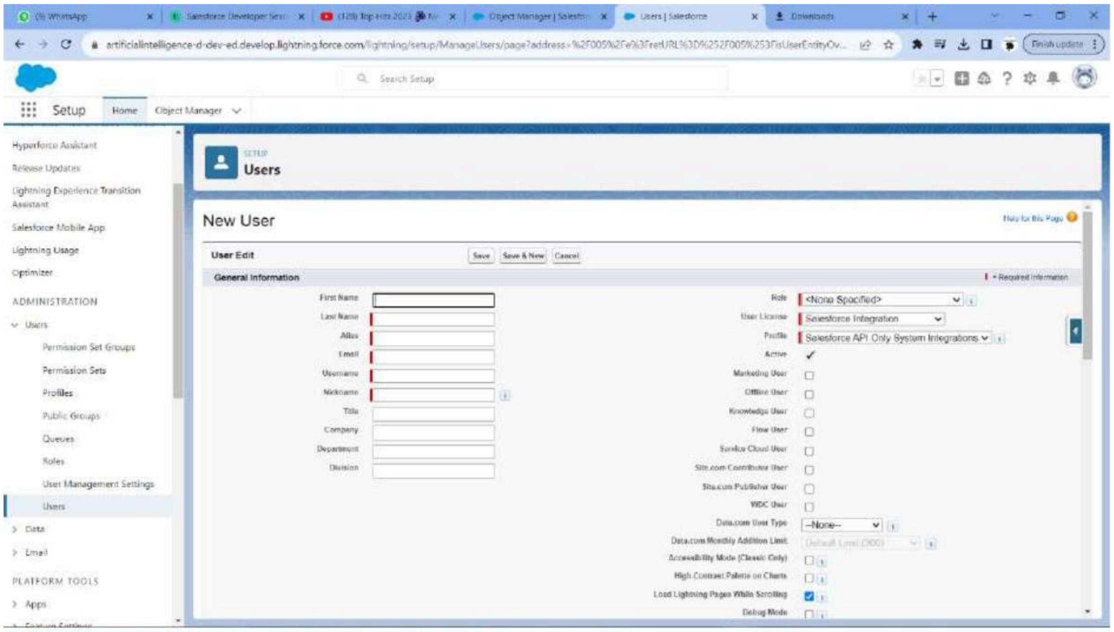
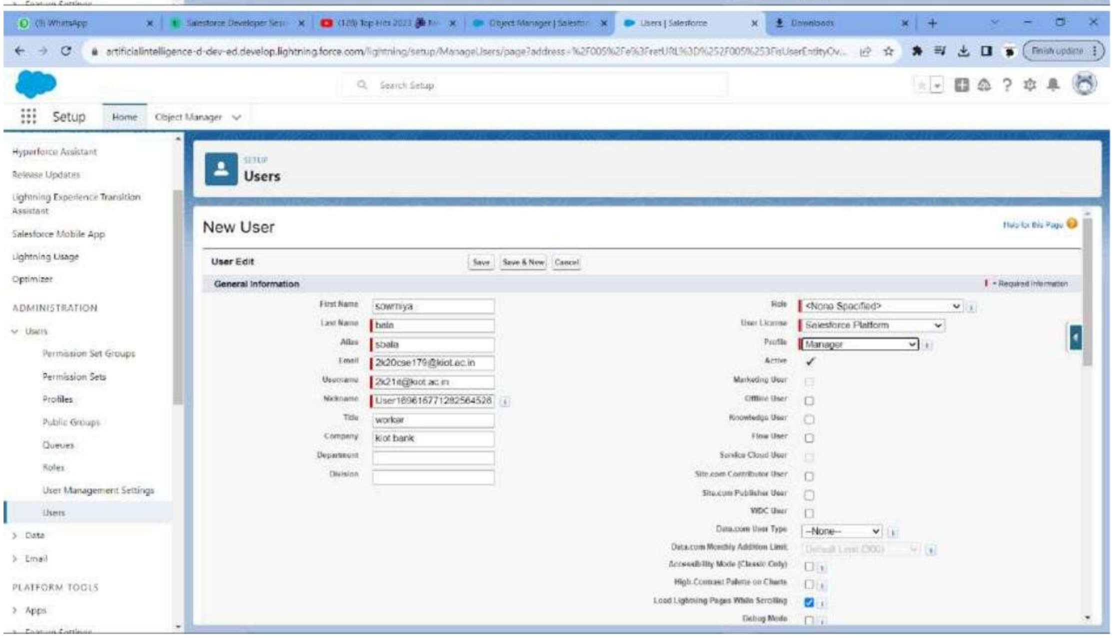
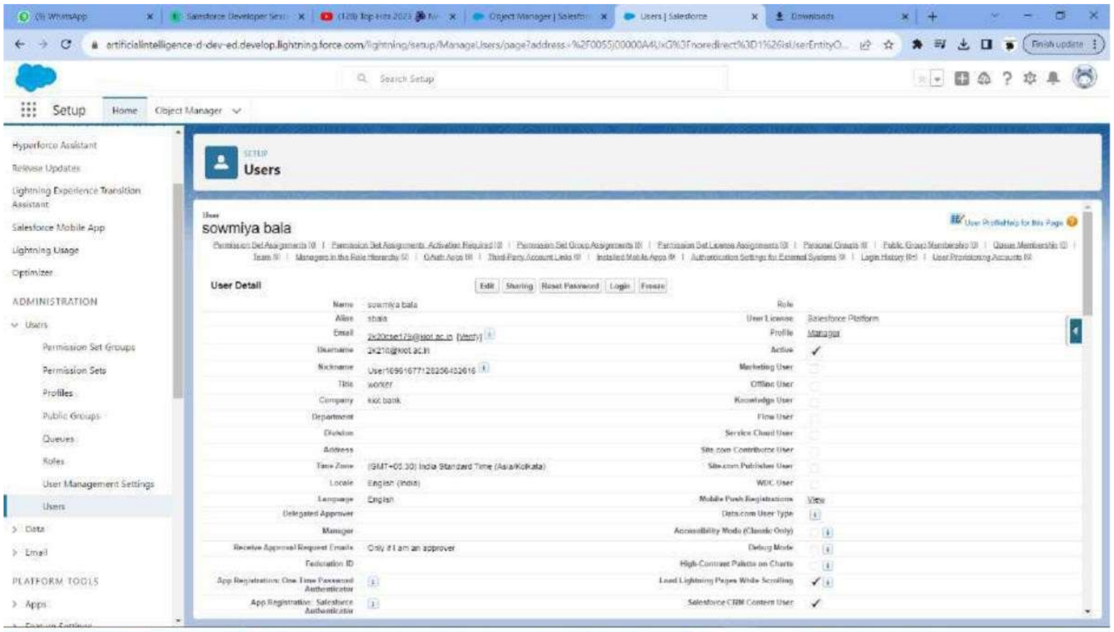
Object Manager
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
Data
Email
PLATFORM TOOLS
Apps
SETUP
Users
All Users
Help for this Page
On this page you can create, view, and manage users.
View: All Users
New User
Reset Password(s)
Add Multiple Users
Action
Full Name
Alias
Username
Role
Active
Profile
Edit | Login
Edit
Edit | Login
Chatter Expert
Chatter
Chatter Free User
Standard Platform User
System Administrator
Analytics Cloud Integration User
Analytics Cloud Security User






Setup
Home
Object Manager
Users
sowmiya bala
User Detail
Edit
Sharing
Reset Password
Login
Freeze
Name
sowmiya bala
Alias
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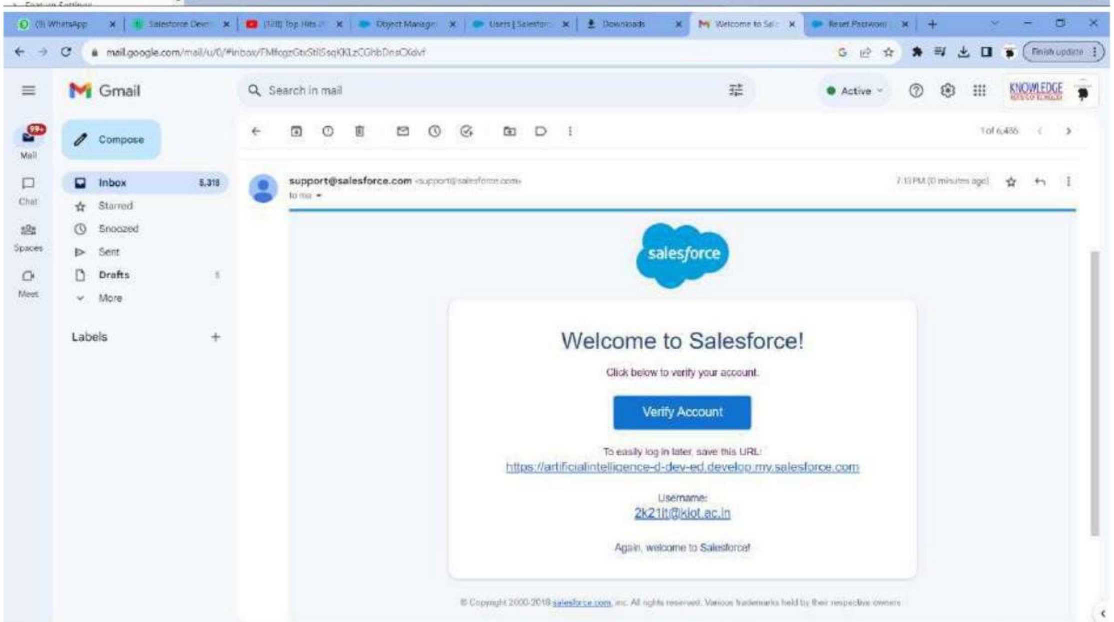
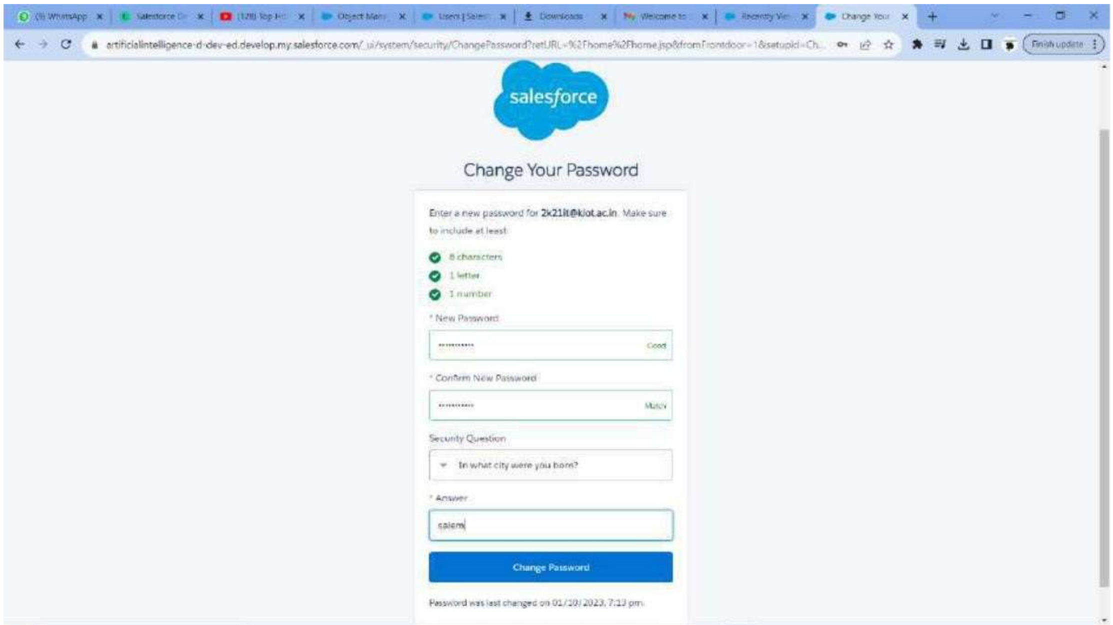
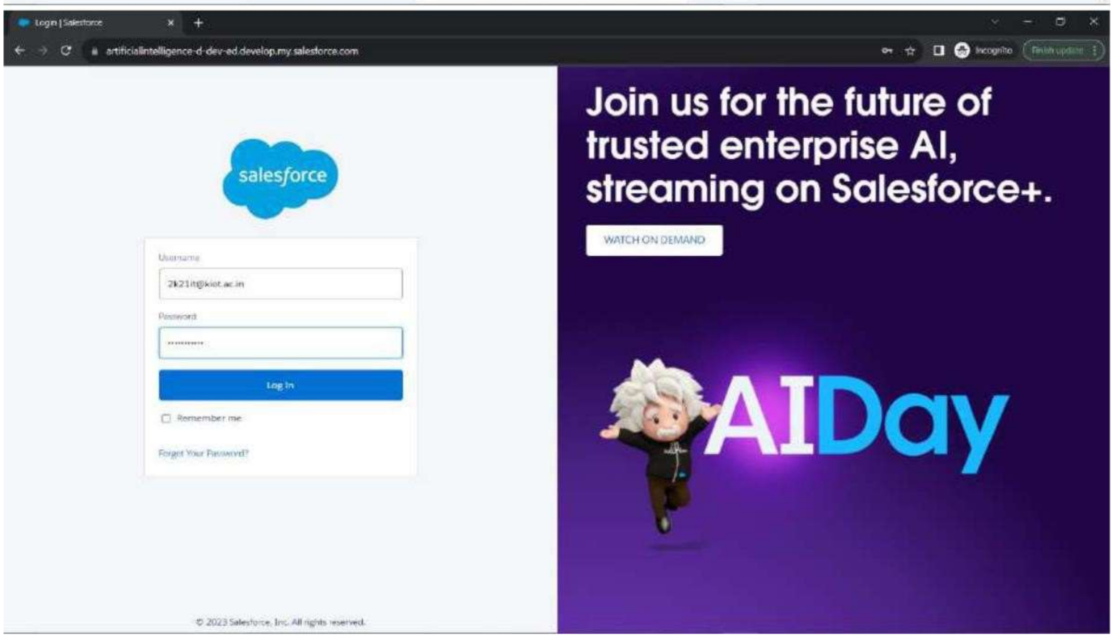
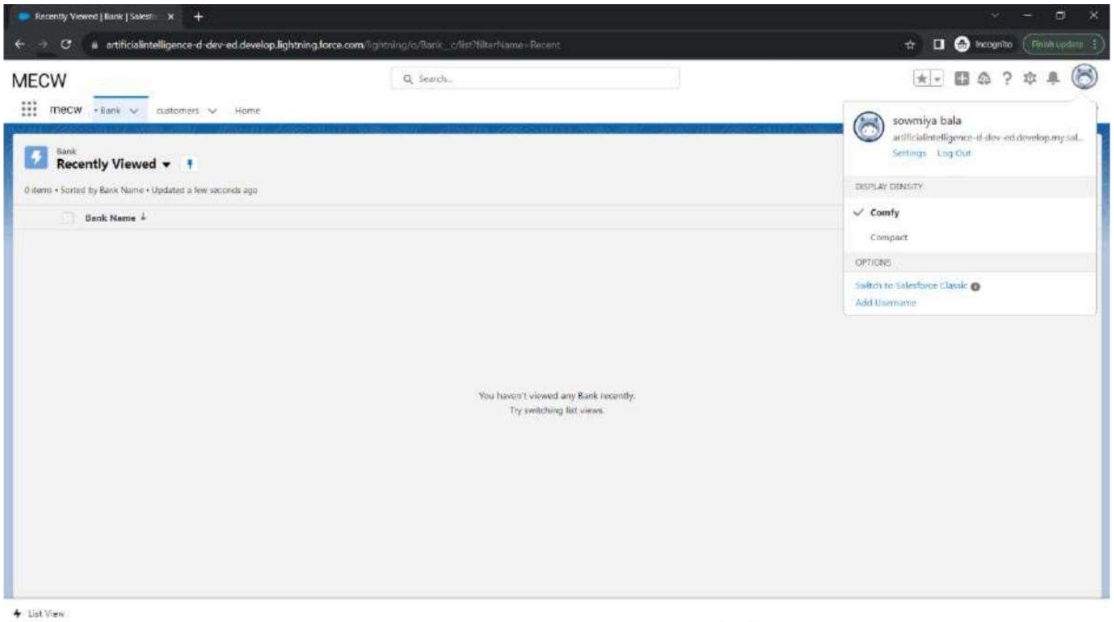
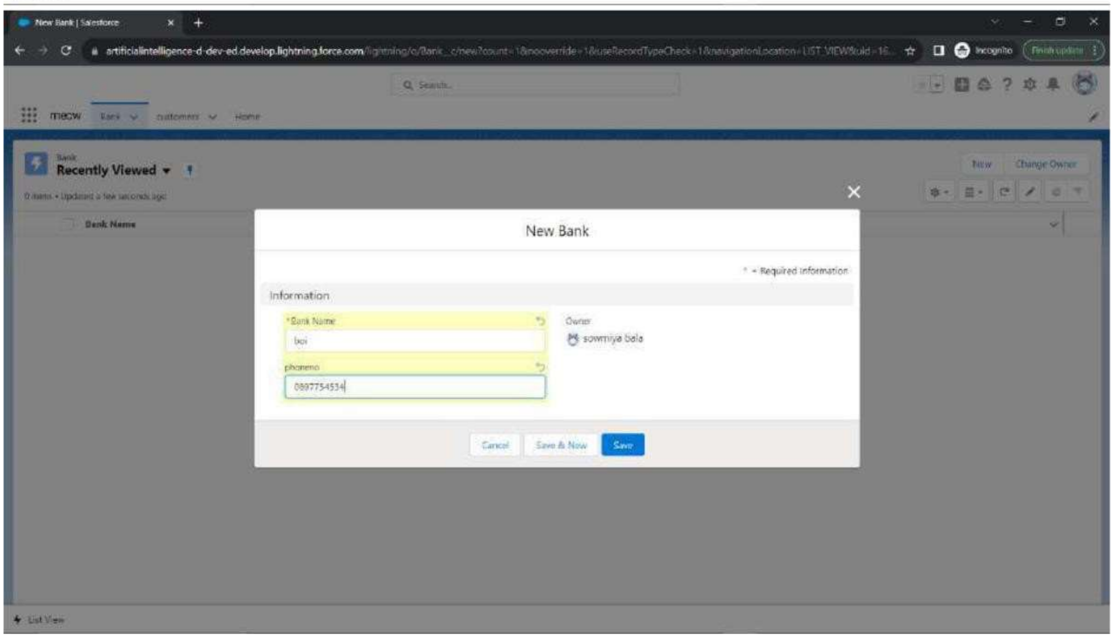
Title
worker
Company
kiot bank
Time Zone
(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale
English (India)
Language
English
Receive Approval Request Emails
Only if I am an approver
User License
Salesforce Platform
Profile
Manager
Active
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
Data
Email
PLATFORM TOOLS
Apps


mail.google.com/mail/u/0/#inbox/FMfcgzGtxStlSsqKKLzCGhbDnsCKdvf
Gmail
Search in mail
Active
Compose
Inbox
Starred
Snoozed
Sent
Drafts
More
Labels
support@salesforce.com
to me
salesforce
Welcome to Salesforce!
Click below to verify your account.
Verify Account
To easily log in later, save this URL:
https://artificialintelligence-d-dev-ed.develop.my.salesforce.com
Username:
2k21it@kiot.ac.in
Again, welcome to Salesforce!

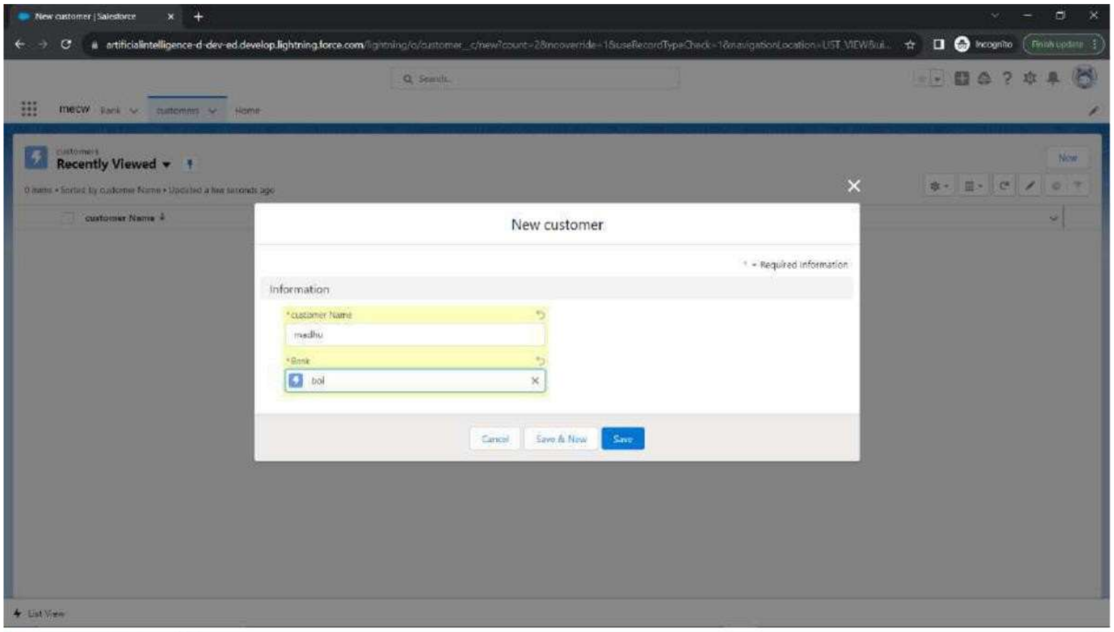

salesforce
Change Your Password
Enter a new password for 2k21it@kiot.ac.in. Make sure to include at least:
8 characters
1 letter
1 number
* New Password
Good
* Confirm New Password
Match
Security Question
In what city were you born?
* Answer
salem
Change Password
Password was last changed on 01/10/2023, 7:13 pm.

Login | Salesforce
artificialintelligence-d-dev-ed.develop.my.salesforce.com
salesforce
Username
2k21it@kiot.ac.in
Password
Log In
Remember me
Forgot Your Password?
© 2023 Salesforce, Inc. All rights reserved.
Join us for the future of trusted enterprise AI, streaming on Salesforce+.
WATCH ON DEMAND
AIDay

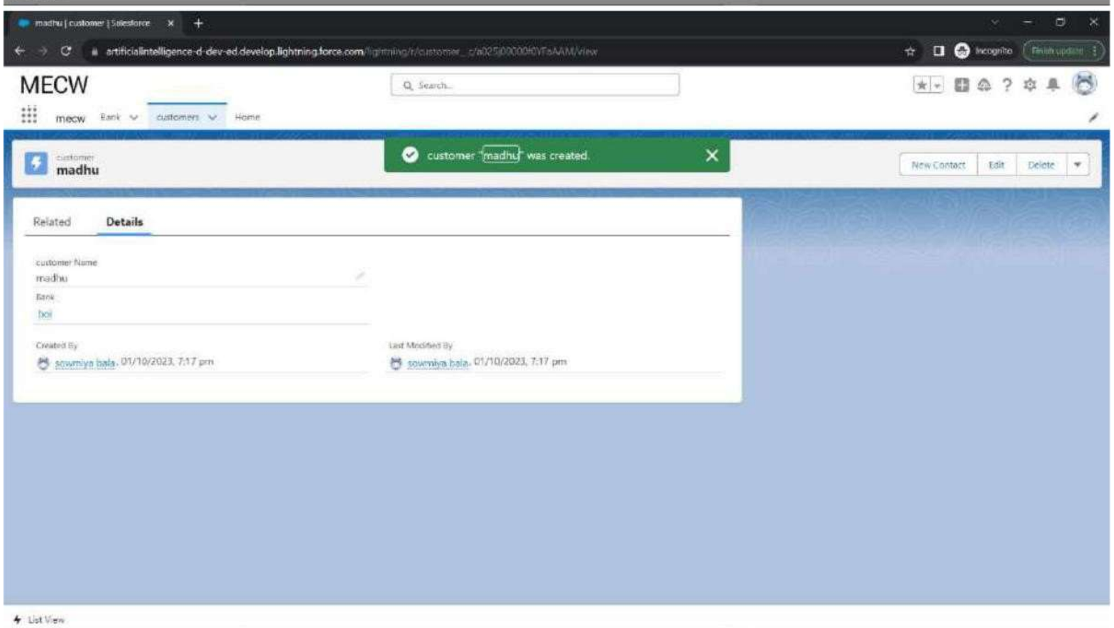


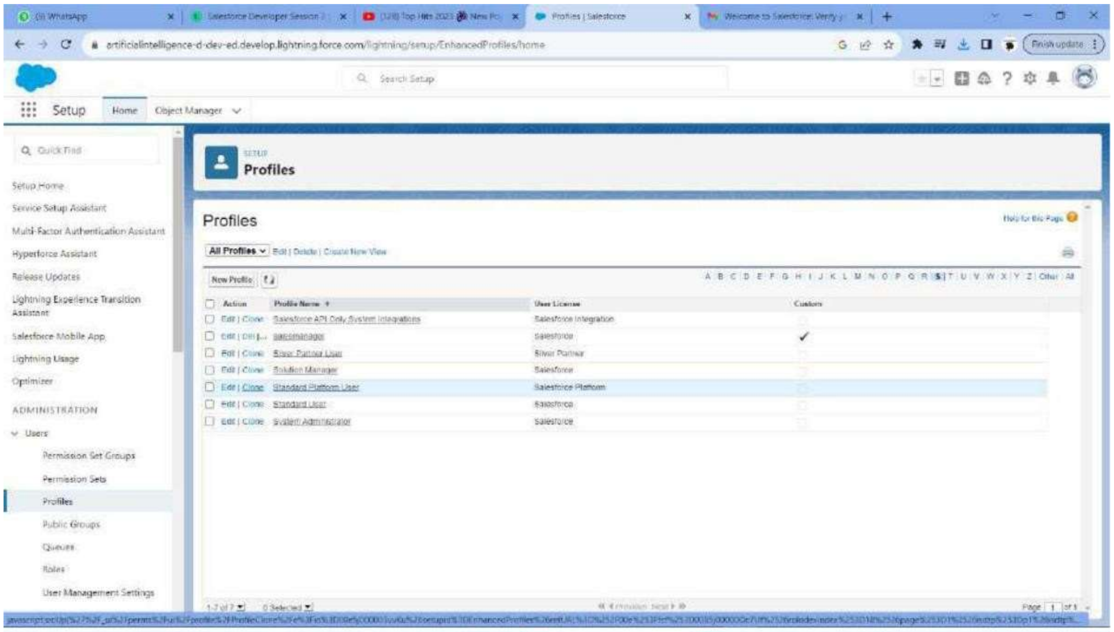
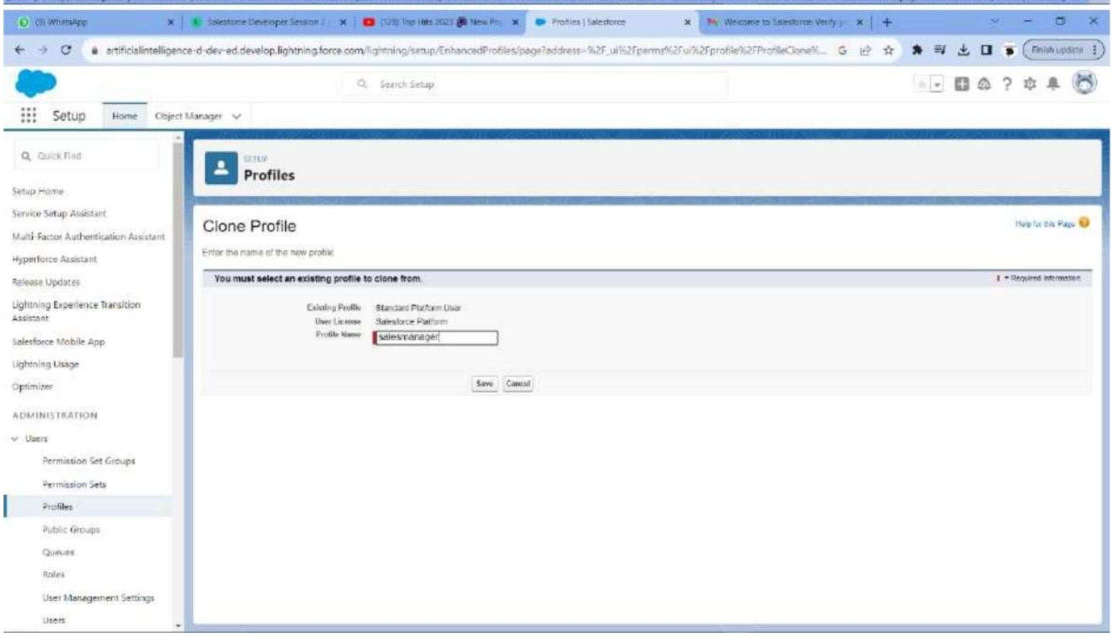
Recently Viewed | Bank | Salesf...
MECW
mecw
Bank
customers
Home
Bank
Recently Viewed
Bank Name
sowmiya bala
Settings
Log Out
DISPLAY DENSITY
Comfy
Compact
OPTIONS
Switch to Salesforce Classic
Add Username
You haven't viewed any Bank recently.
Try switching list views.
List View

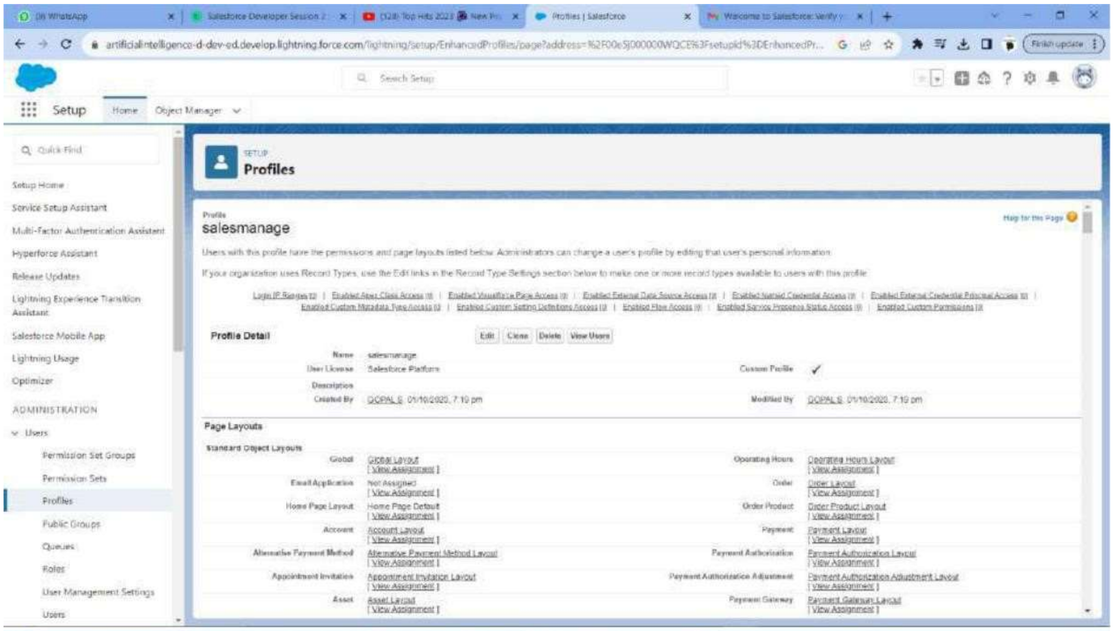



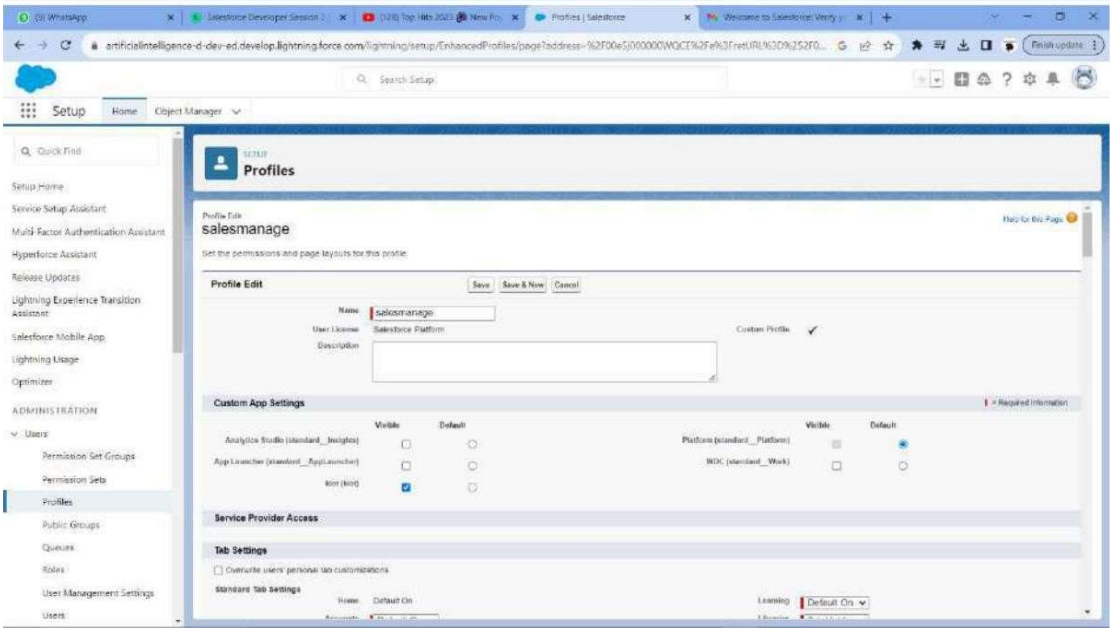
New Bank | Salesforce
Recently Viewed
New Bank
Information
Bank Name
boi
phoneno
0897754554
Owner
sowmiya bala
Cancel
Save & New
Save
List View

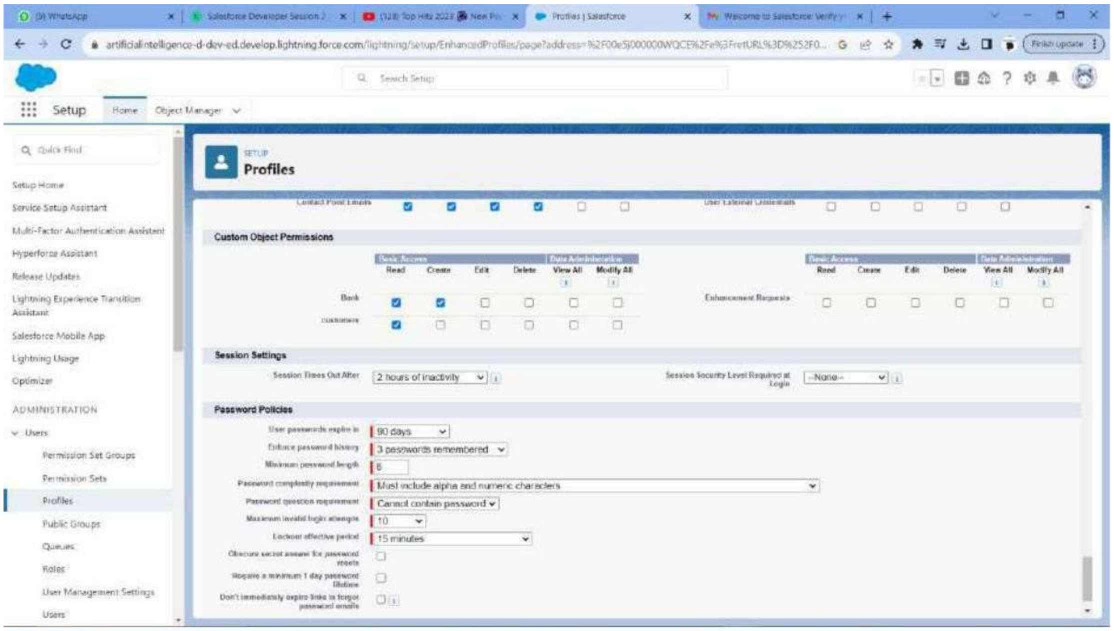
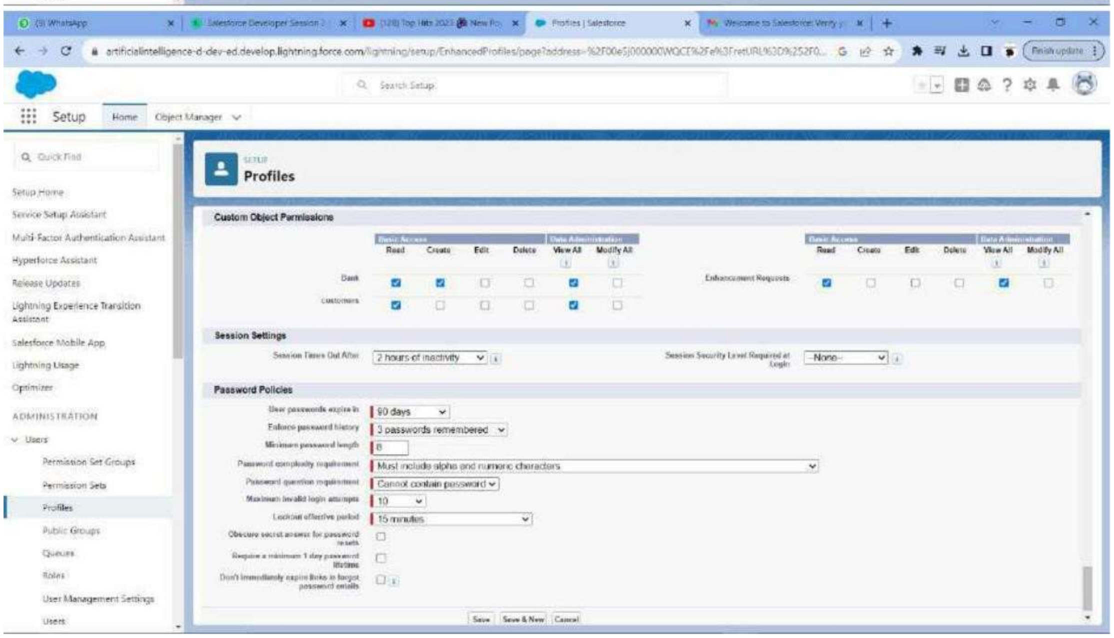

New customer | Salesforce
mecw
Recently Viewed
New customer
Information
madhu
boi
Cancel
Save & New
Save

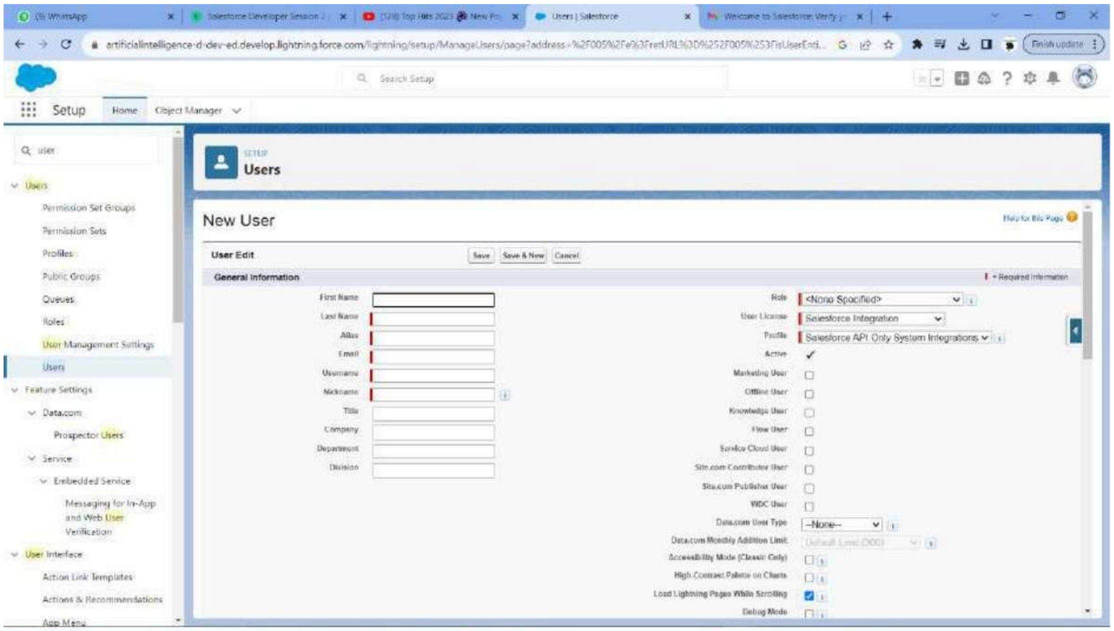

MECW
mecw
madhu
customer "madhu" was created.
New Contact
Edit
Delete
Related
Details
customer Name
madhu
Bank
boi
Created By
sowmiya bala, 01/10/2023, 7:17 pm
Last Modified By
sowmiya bala, 01/10/2023, 7:17 pm

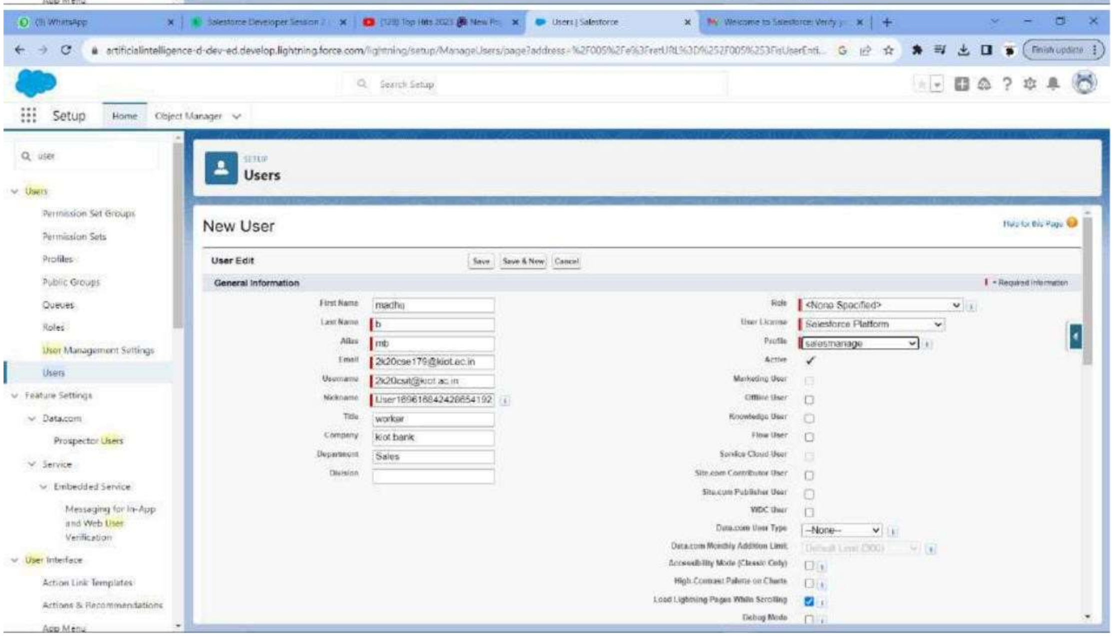

Setup
Home
Object Manager
SETUP
Profiles
Profiles
All Profiles
New Profile
Action
Profile Name
User License
Custom
Edit | Clone Salesforce API Only System Integrations Salesforce Integration
Edit | Del | ... salesmanager Salesforce
Edit | Clone Silver Partner User Silver Partner
Edit | Clone Solution Manager Salesforce
Edit | Clone Standard Platform User Salesforce Platform
Edit | Clone Standard User Salesforce
Edit | Clone System Administrator Salesforce
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings

Setup
Home
Object Manager
SETUP
Profiles
Clone Profile
Enter the name of the new profile
You must select an existing profile to clone from.
Existing Profile Standard Platform User
User License Salesforce Platform
Profile Name salesmanager
Save
Cancel
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users

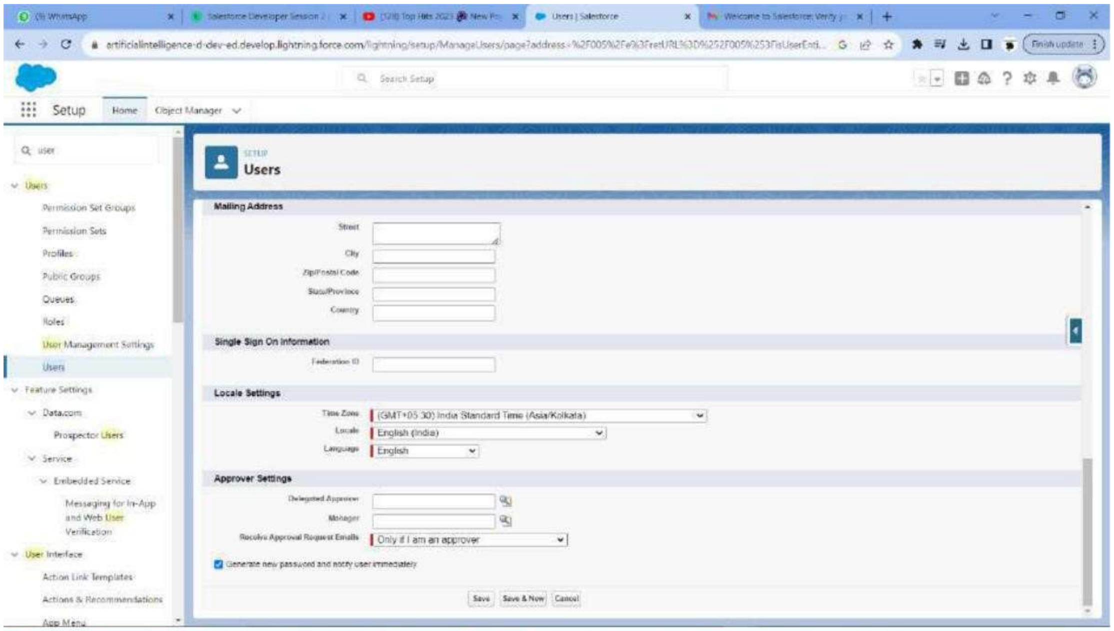

Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
salesmanage
Profile Detail
Edit
Clone
Delete
View Users
Page Layouts
Standard Object Layouts

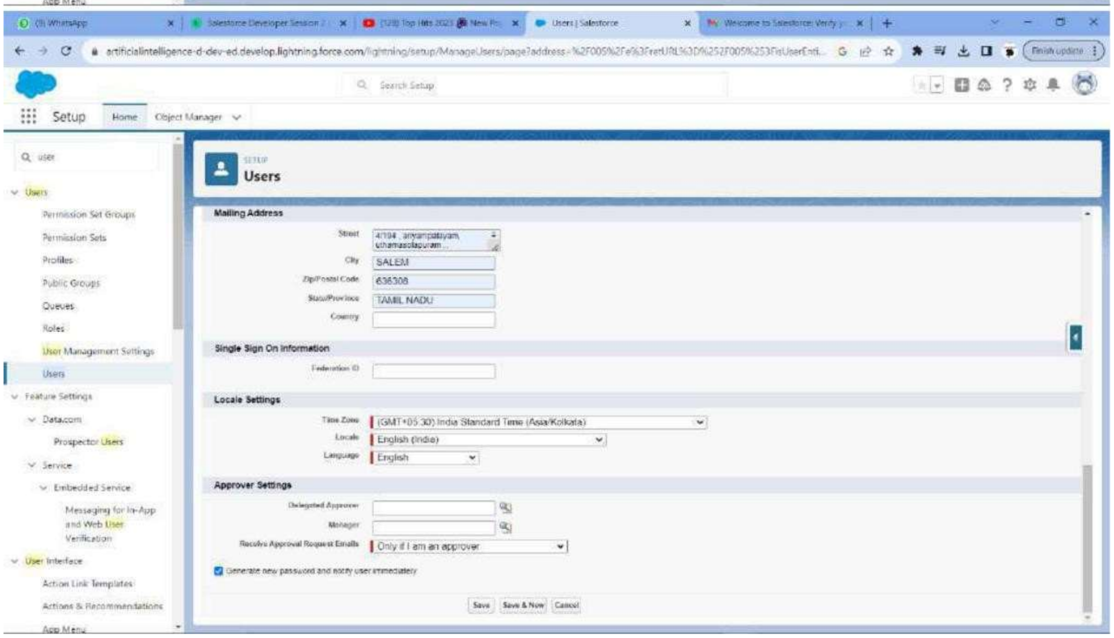

Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
salesmanage
Set the permissions and page layouts for this profile.
Profile Edit
Save
Save & New
Cancel
Name
salesmanage
User License
Salesforce Platform
Custom Profile
Description
Custom App Settings
Service Provider Access
Tab Settings
Overwrite users' personal tab customizations
Standard Tab Settings
Default On

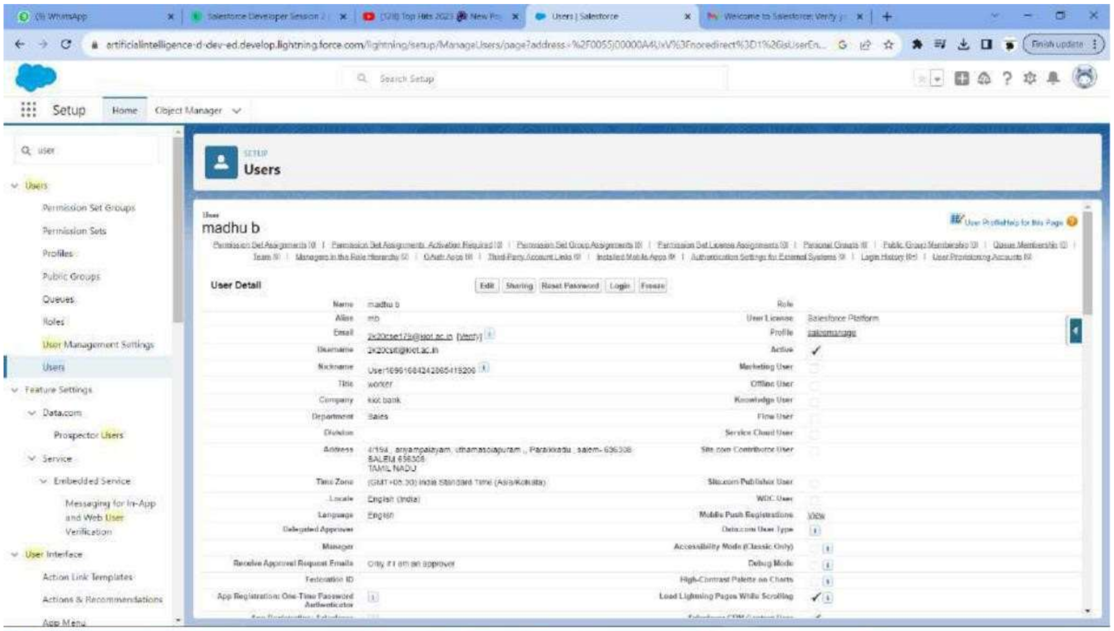

Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Bank
customers
Enhancement Requests
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8
Password complexity requirement
Must include alpha and numeric characters
Password question requirement
Cannot contain password
Maximum invalid login attempts
10
Lockout effective period
15 minutes
Obscure secret answer for password resets
Require a minimum 1 day password lifetime
Don't immediately expire links in forgot password emails

Setup
Home
Object Manager
Quick Find
Setup Home
Service Setup Assistant
Multi-Factor Authentication Assistant
Hyperforce Assistant
Release Updates
Lightning Experience Transition Assistant
Salesforce Mobile App
Lightning Usage
Optimizer
ADMINISTRATION
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
SETUP
Profiles
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Bank
customers
Enhancement Requests
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Password Policies
User passwords expire in
90 days
Enforce password history
3 passwords remembered
Minimum password length
8
Password complexity requirement
Must include alpha and numeric characters
Password question requirement
Cannot contain password
Maximum invalid login attempts
10
Lockout effective period
15 minutes
Obscure secret answer for password resets
Require a minimum 1 day password lifetime
Don't immediately expire links in forgot password emails
Save
Save & New
Cancel

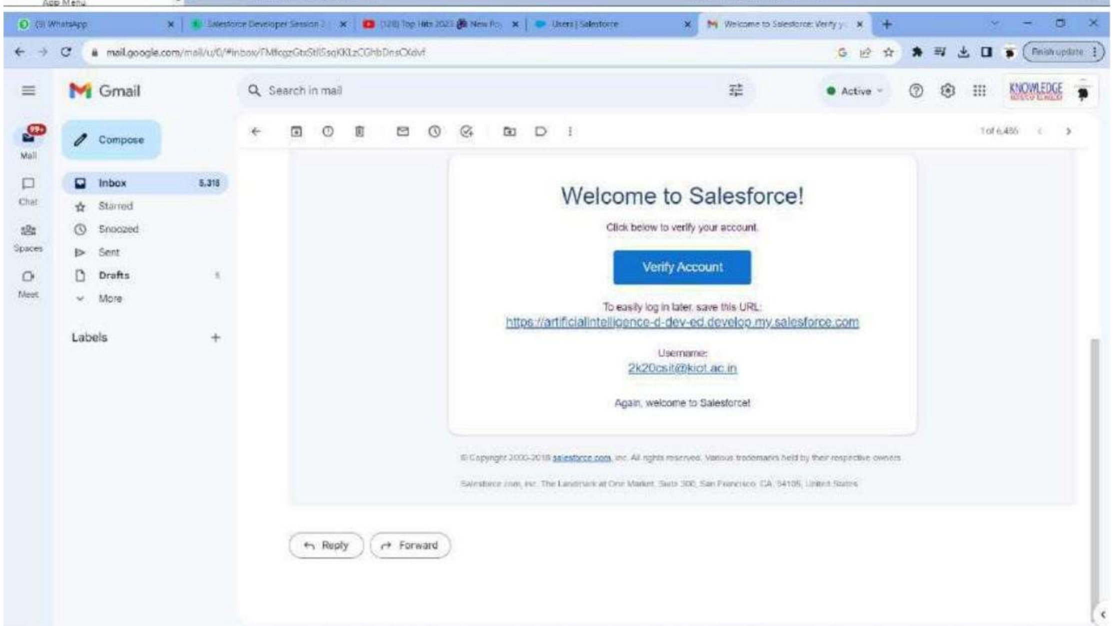

Setup
Users
New User
User Edit
Save
Save & New
Cancel
General Information
First Name
Last Name
Alias
Email
Username
Nickname
Title
Company
Department
Division
Role
<None Specified>
User License
Salesforce Integration
Profile
Salesforce API Only System Integrations
Active
Marketing User
Offline User
Knowledge User
Flow User
Service Cloud User
Data.com User Type
--None--

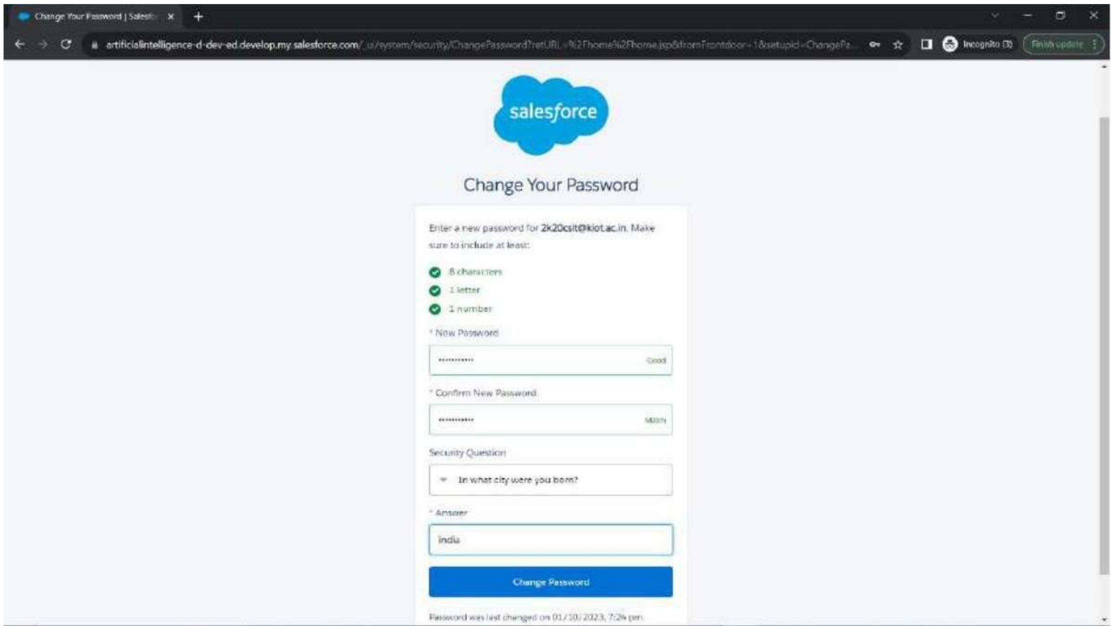

Setup
Users
New User
User Edit
Save
Save & New
Cancel
General Information
First Name
madhu
Last Name
b
Alias
mb
Email
2k20cse179@kiot.ac.in
Nickname
Title
worker
Company
kiot bank
Department
Sales
Division
Role
<None Specified>
User License
Salesforce Platform
Profile
salesmanage
Active
Data.com User Type
--None--

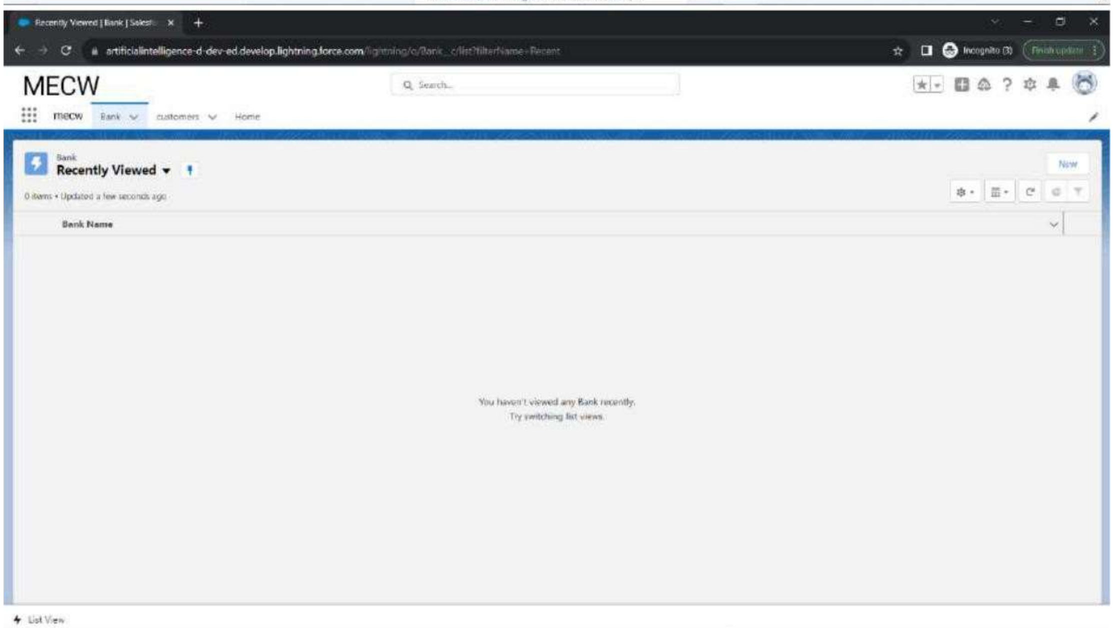

Setup
Users
Mailing Address
Street
City
Zip/Postal Code
State/Province
Country
Single Sign On Information
Federation ID
Locale Settings
Time Zone
(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale
English (India)
Language
English
Approver Settings
Delegated Approver
Manager
Receive Approval Request Emails
Only if I am an approver
Generate new password and notify user immediately
Save
Save & New
Cancel

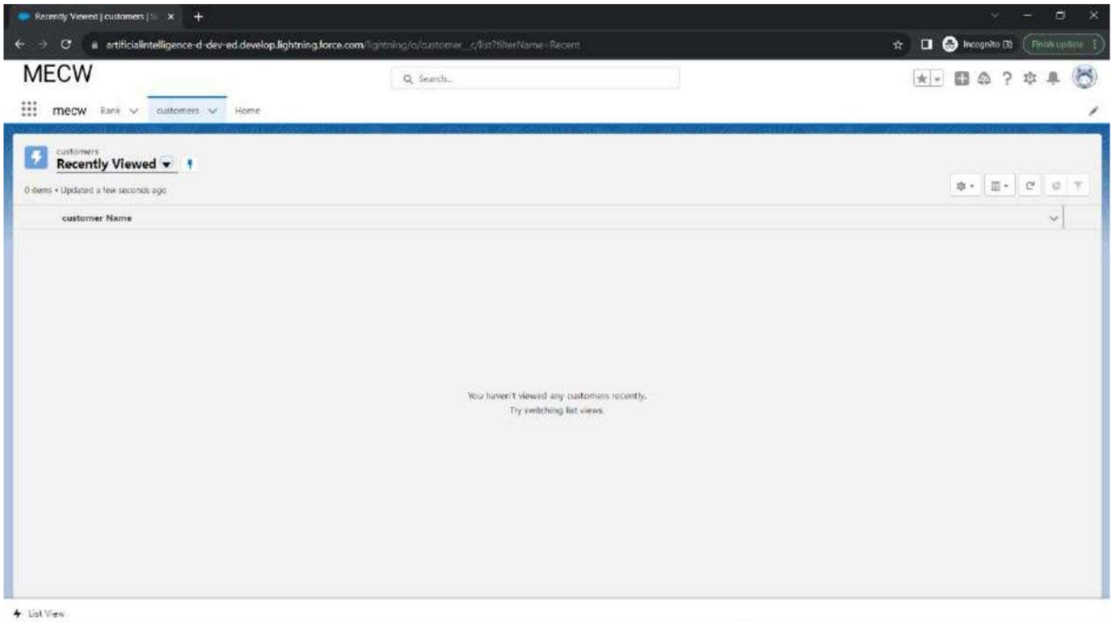

Setup
Users
Mailing Address
Street
City
SALEM
Zip/Postal Code
636308
State/Province
TAMIL NADU
Country
Single Sign On Information
Federation ID
Locale Settings
Time Zone
(GMT+05:30) India Standard Time (Asia/Kolkata)
Locale
English (India)
Language
English
Approver Settings
Delegated Approver
Manager
Receive Approval Request Emails
Only if I am an approver
Generate new password and notify user immediately
Save
Save & New
Cancel

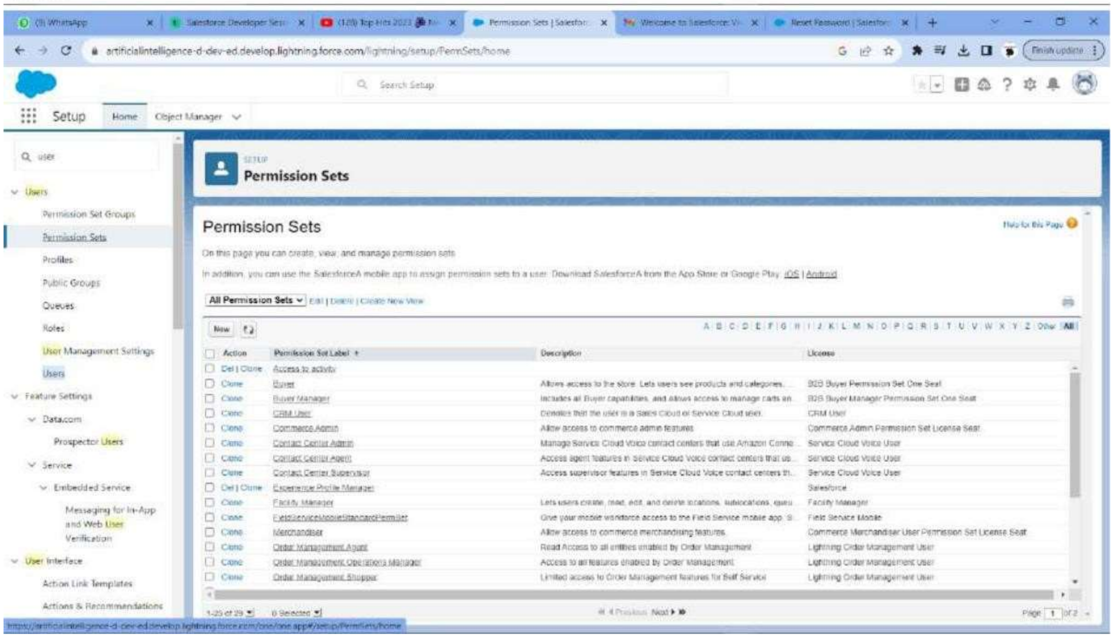

Setup
Users
madhu b
User Detail
Salesforce Platform



Gmail
Welcome to Salesforce!
Click below to verify your account.
Verify Account
To easily log in later, save this URL:
https://artificialintelligence-d-dev-ed.develop.my.salesforce.com
Username:
2k20csit@kiot.ac.in
Again, welcome to Salesforce!
Reply
Forward


salesforce
Change Your Password
Enter a new password for 2k20csit@kiot.ac.in. Make sure to include at least:
8 characters
1 letter
1 number
* New Password
* Confirm New Password
Security Question
In what city were you born?
* Answer
india
Change Password


MECW
Search...
mecw
Bank
customers
Home
Bank
Recently Viewed
New
0 items • Updated a few seconds ago
Bank Name
You haven't viewed any Bank recently.
Try switching list views.
List View


MECW
mecw
customers
Home
Recently Viewed
customer Name
You haven't viewed any customers recently.
Try switching list views.
List View


Setup
Home
Object Manager
Permission Sets
Users
Permission Set Groups
Profiles
Public Groups
Queues
Roles
User Management Settings
Feature Settings
Service
User Interface
On this page you can create, view, and manage permission sets.
All Permission Sets
Action
Permission Set Label
Description
License

Step 2:

Permission Sets:

• Create two permission sets, one for User A and one for User B.

Object-Level Security:

• In each profile and permission set, set the object-level security for the Account object to

"Read" to ensure that both I-Jser A and I-Jser B can view Account records.

Record-Level Security:

• Implement record-level security using Criteria-Based Sharing Rules.

• Create a sharing rule that shares Account records owned by User A with User A and

records owned by IJser B with user B.

• For the sharing rule criteria, specify that records owned by User A are shared with user

A, and records owned by User B are shared with User B.

Ownership:

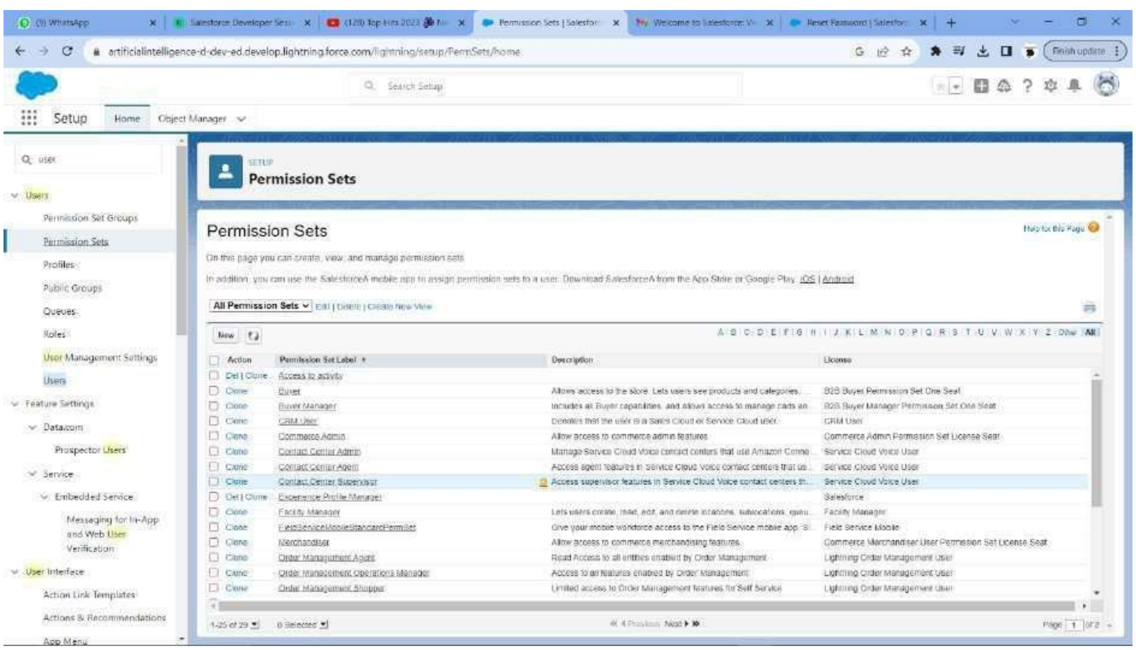
• Ensure that the Account records are owned by the respective users, with User A owning their records and User B owning their records.

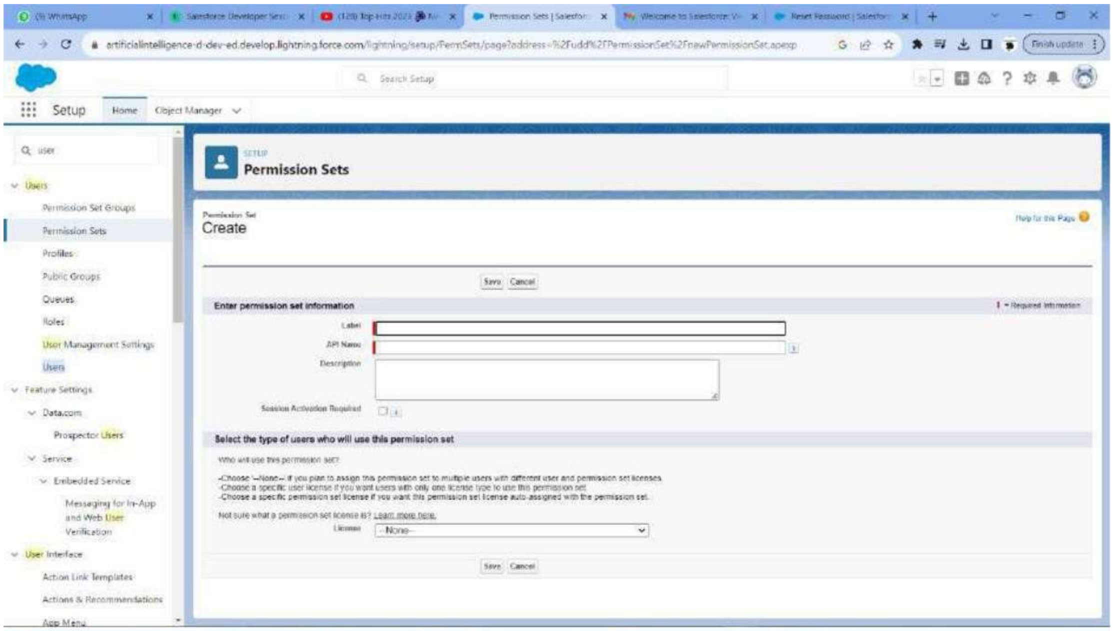
Organization-Wide Defaults:

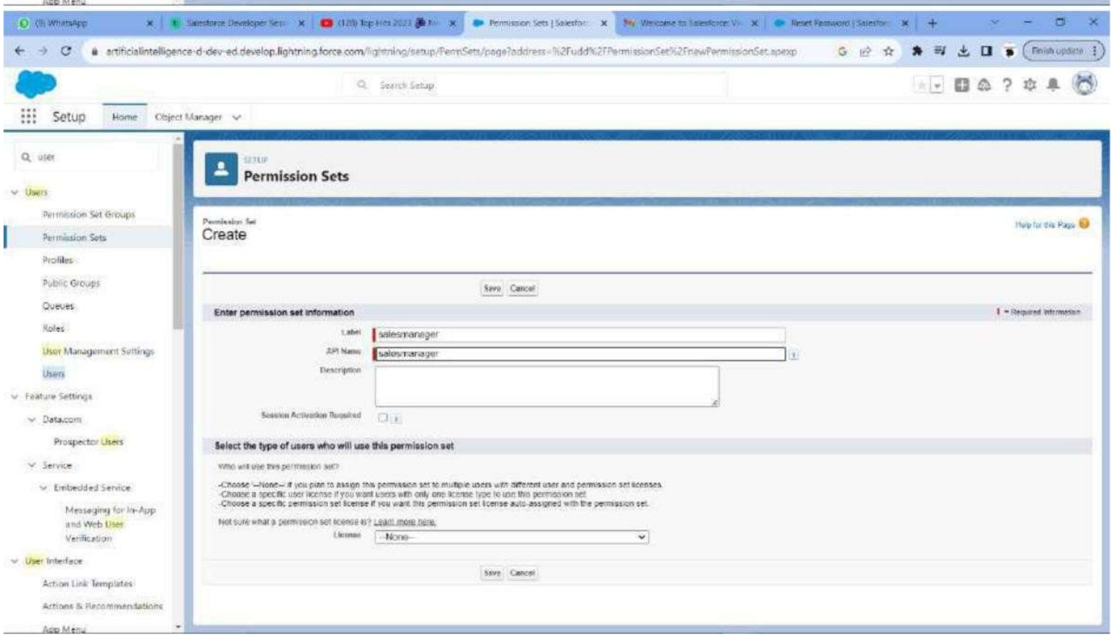
• Set the organization-wide defaults for the Account object to "Private" to ensure that records are private by default.

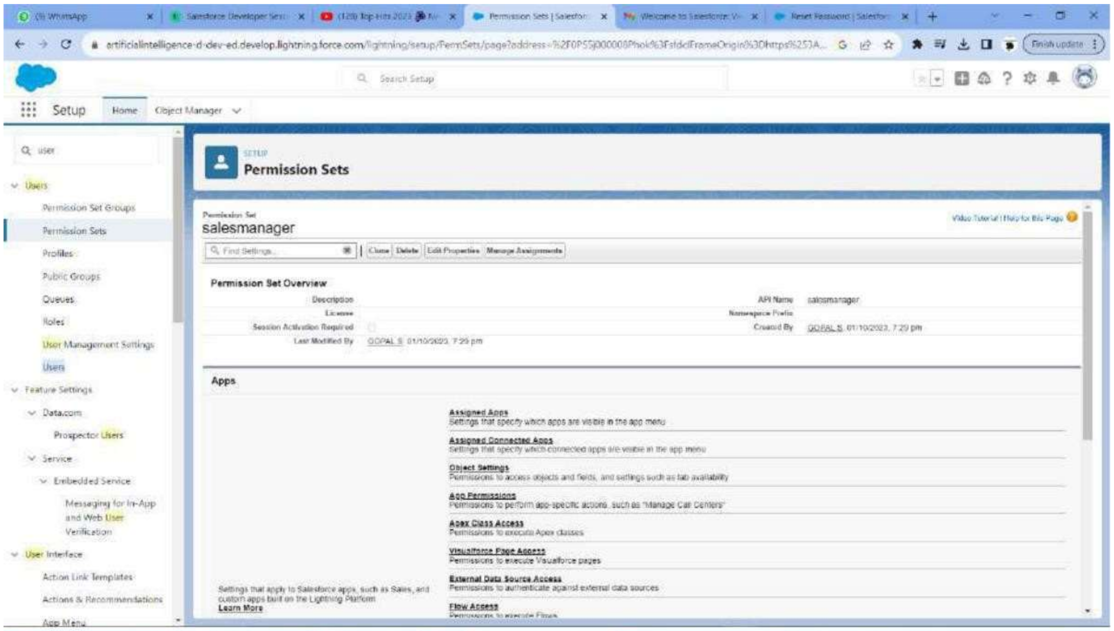
Testing:

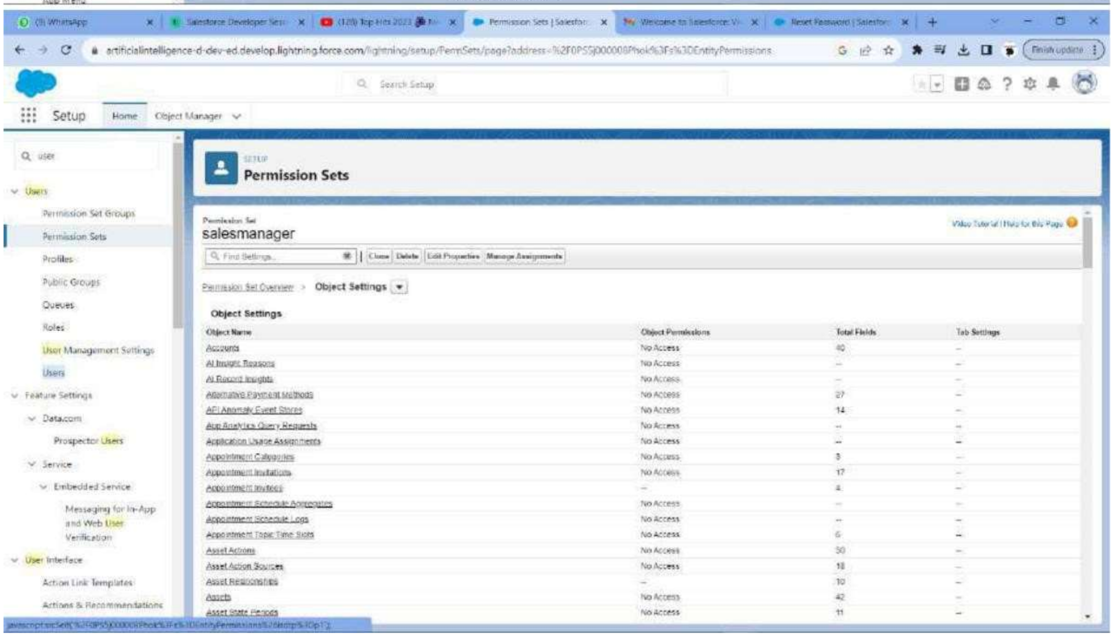
• Test the setup by logging in as User A and User B separately to verify that they cannot access each other's records.

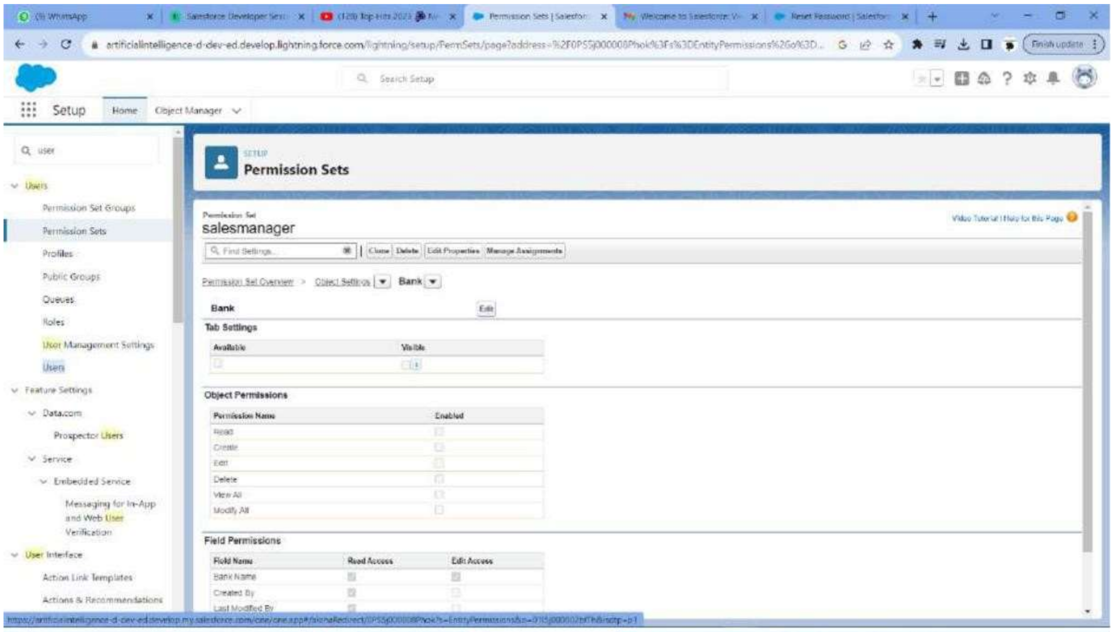


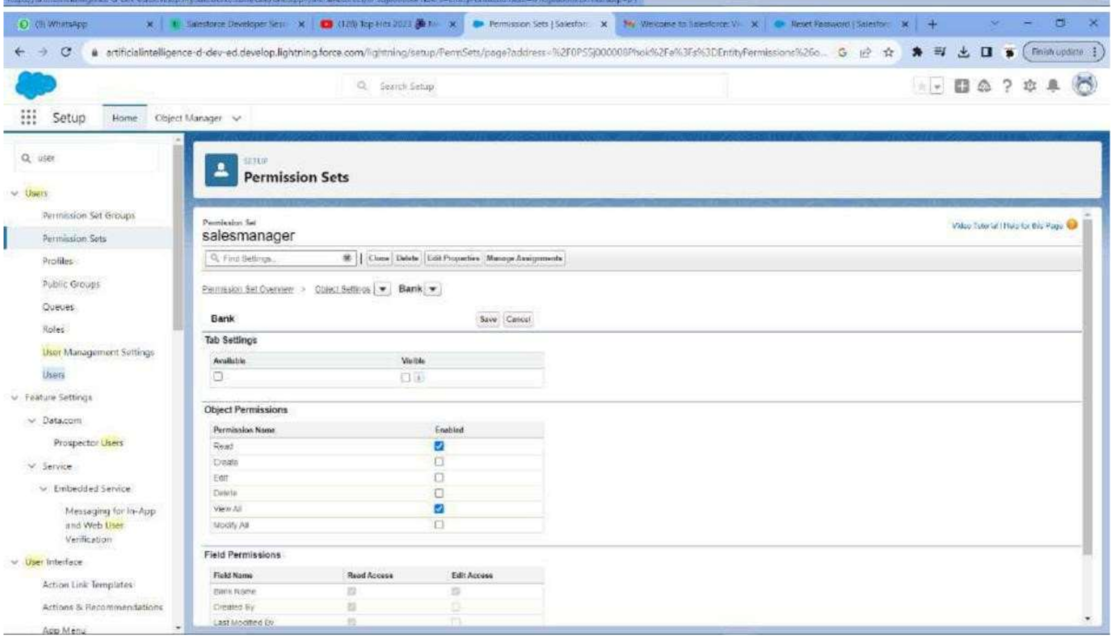

Setup
Home
Object Manager
Permission Sets
Permission Set
Create
Save Cancel
Enter permission set information
Label
API Name
Description
Session Activation Required
Select the type of users who will use this permission set
Who will use this permission set?
License
--None--
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Feature Settings
Data.com
Prospector Users
Service
Embedded Service
User Interface
Action Link Templates
Actions & Recommendations

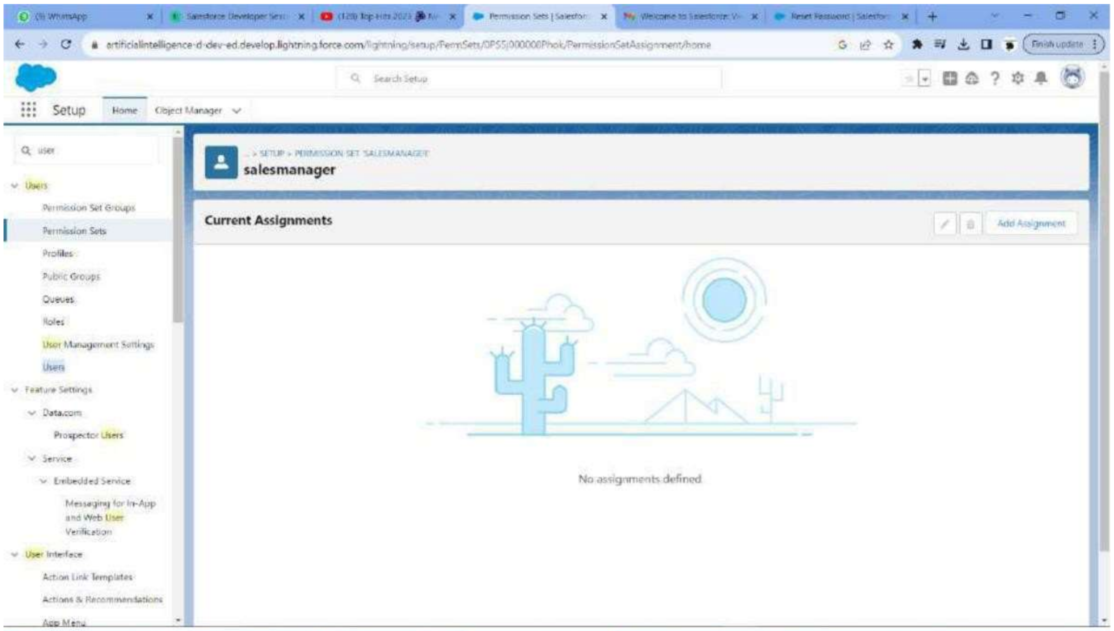
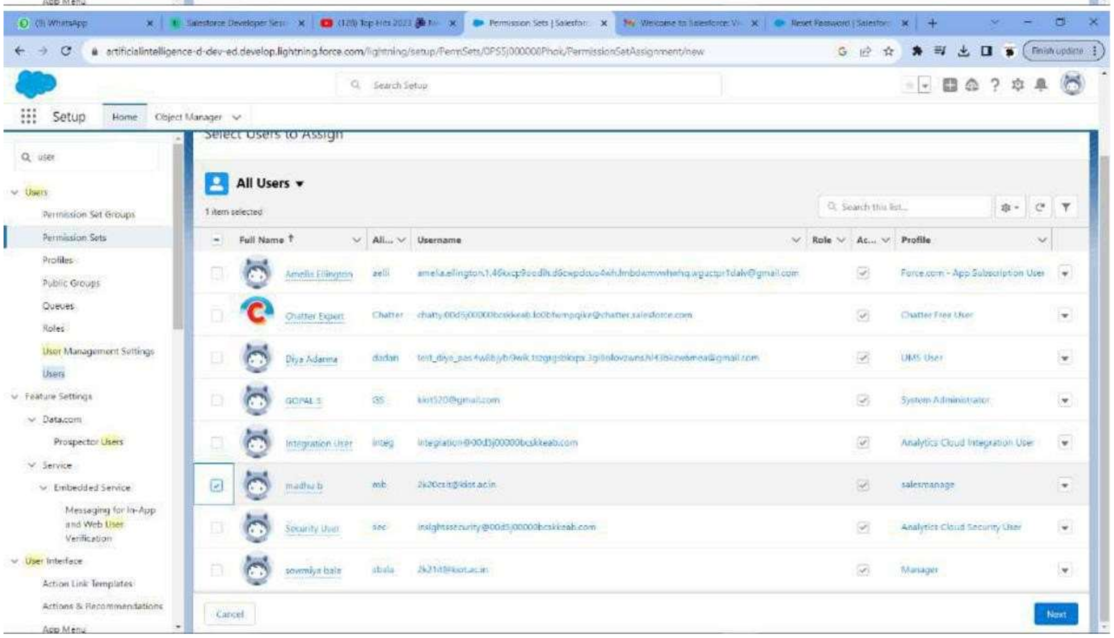

Setup
Home
Object Manager
Permission Sets
Permission Set
Create
Save Cancel
Enter permission set information
Label salesmanager
API Name salesmanager
Description
Session Activation Required
Select the type of users who will use this permission set
Who will use this permission set?
License
--None--

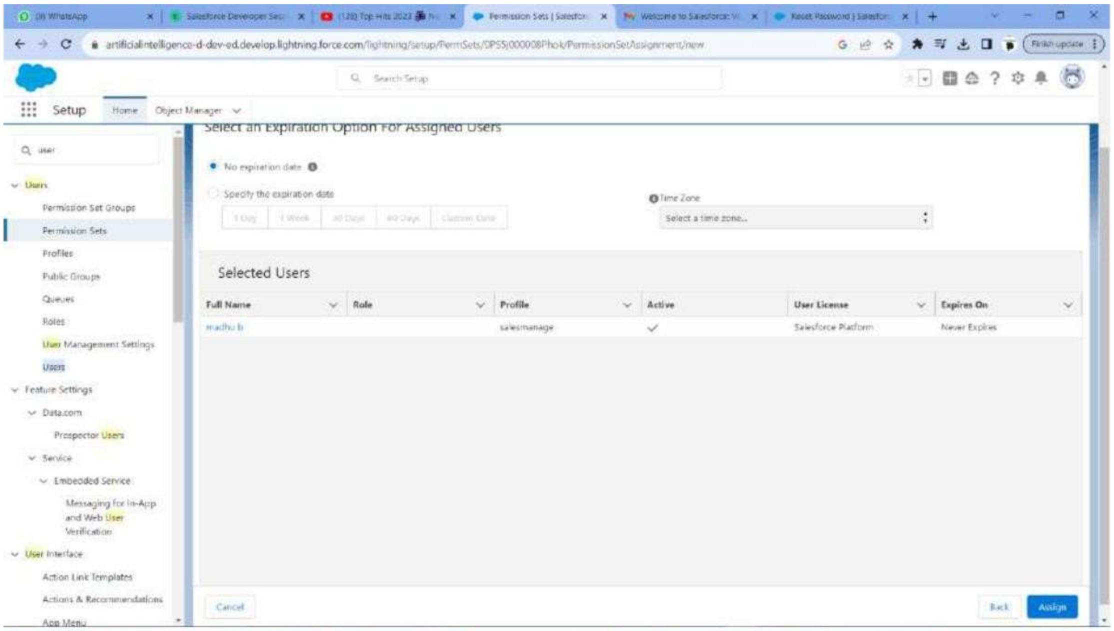

Setup
Home
Object Manager
Permission Sets
salesmanager
Permission Set Overview
API Name
salesmanager
Apps
Assigned Apps
Assigned Connected Apps
Object Settings
App Permissions
Apex Class Access
Visualforce Page Access
External Data Source Access
Flow Access
Learn More
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Feature Settings
User Interface

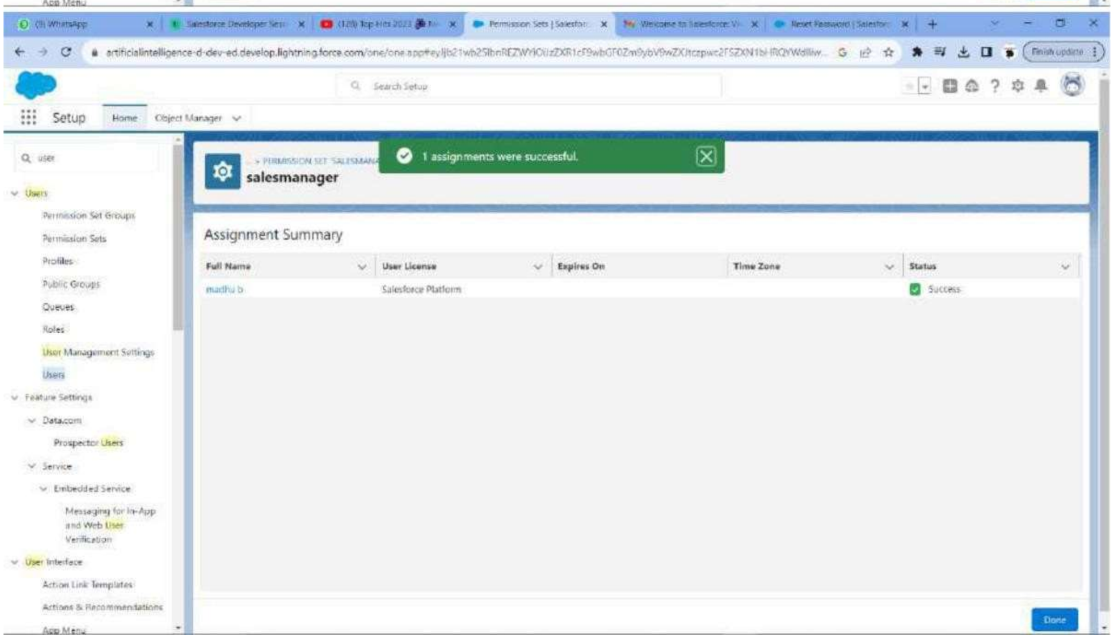

Setup
Home
Object Manager
Permission Sets
salesmanager
Object Settings
Object Name
Object Permissions
Total Fields
Tab Settings
Accounts
No Access
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Feature Settings
User Interface

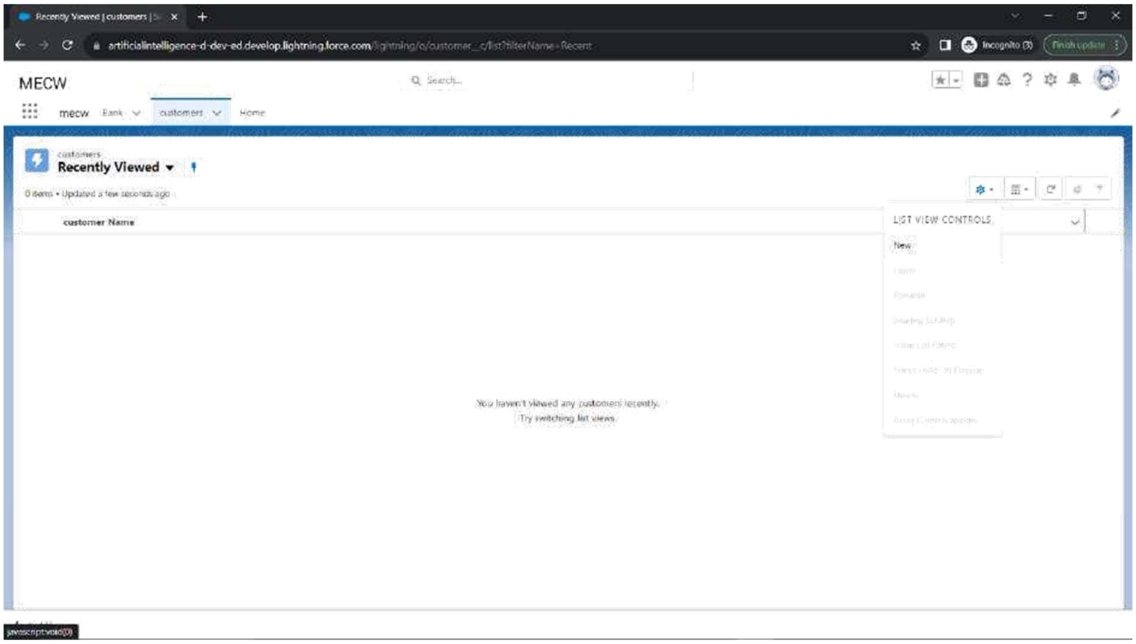





Setup
Home
Object Manager
salesmanager
Current Assignments
Add Assignment
No assignments defined

Setup
Home
Object Manager
Select Users to Assign
All Users
1 item selected
Full Name
Username
Role
Profile
Cancel
Next







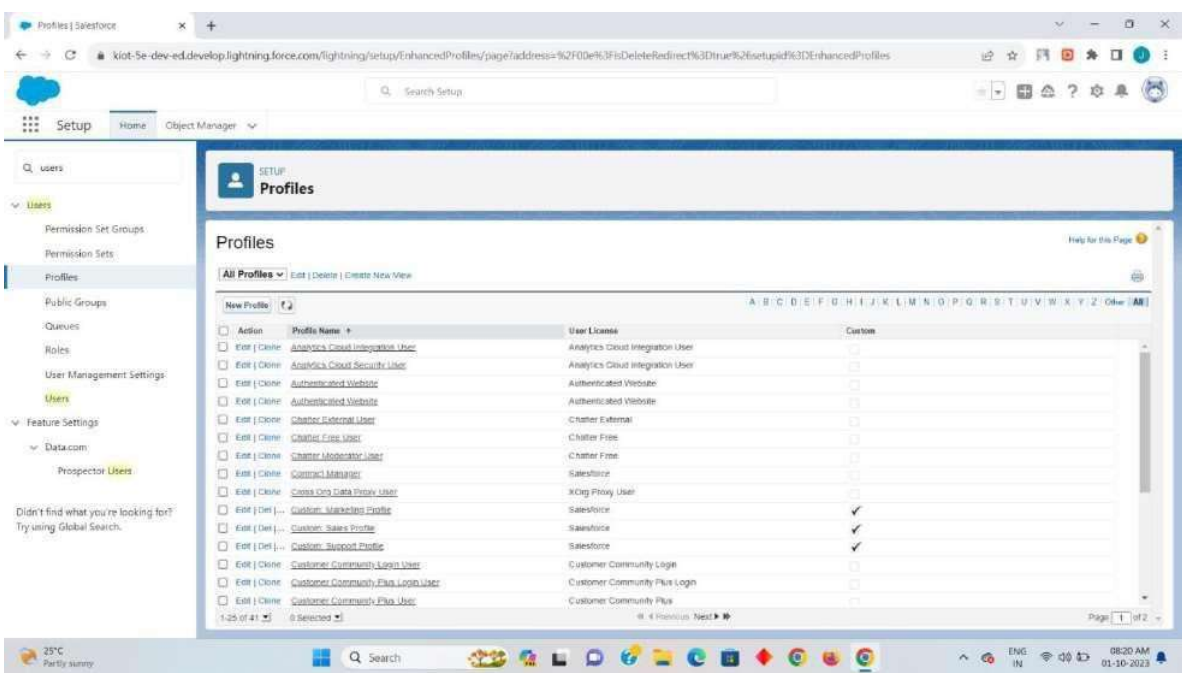
Recently Viewed | customers
artificialintelligence-d-dev-ed.develop.lightning.force.com/lightning/o/customer__c/list?filterName=Recent
MECW
mecw
Bank
customers
Home
customers
Recently Viewed
0 items • Updated a few seconds ago
customer Name
LIST VIEW CONTROLS
New
You haven't viewed any customers recently.
Try switching list views.
javascript:void(0)

**3. . Suppose there are 2 Users and they are having Create, Read, Edit access on Account Object with the same profile but we want to open up the access for one user to delete how will you implement the Security setting.**

Solution:

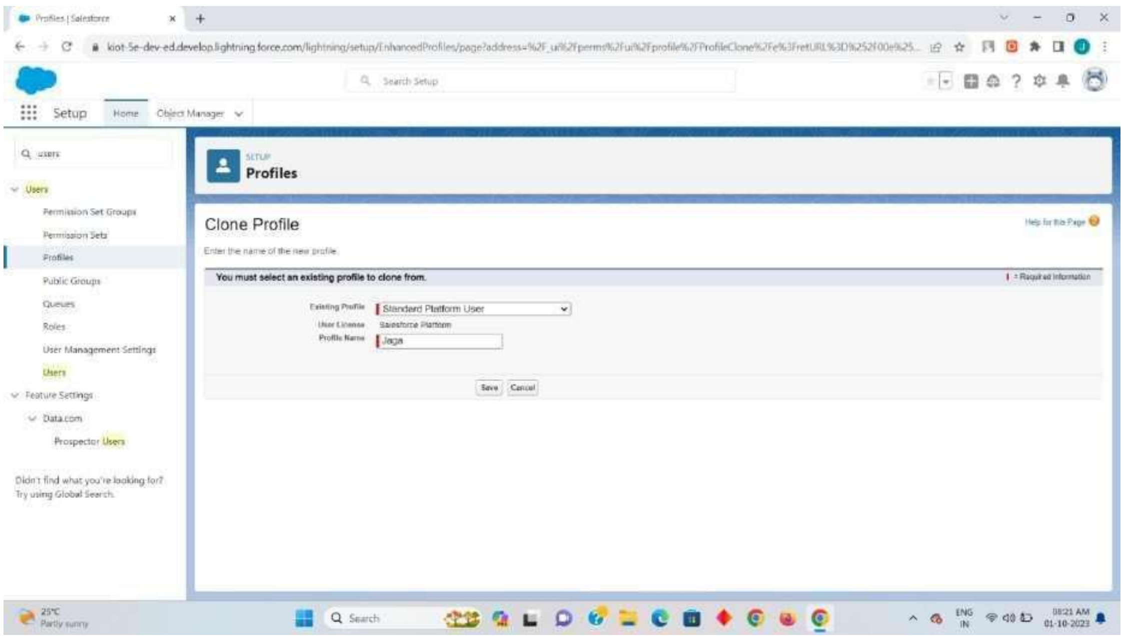
Step 1: we need create a profile for the two user which has the access to Create, Read, Edit for follow as per.

<u>Setup-quick search[profile]</u>



Step 2:

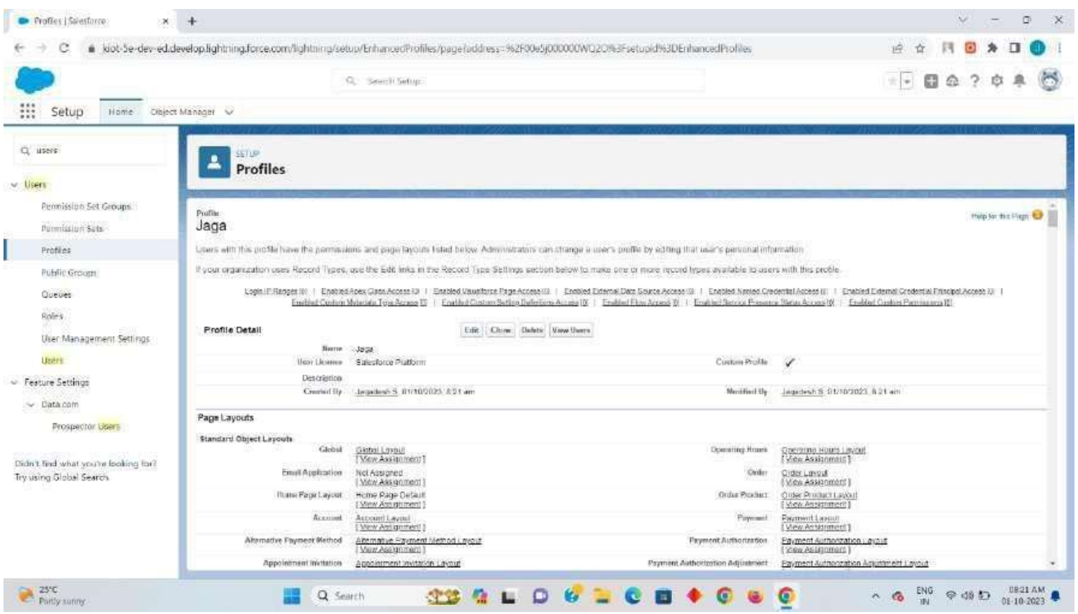
Click on the new to create a new profile along with the label and Api

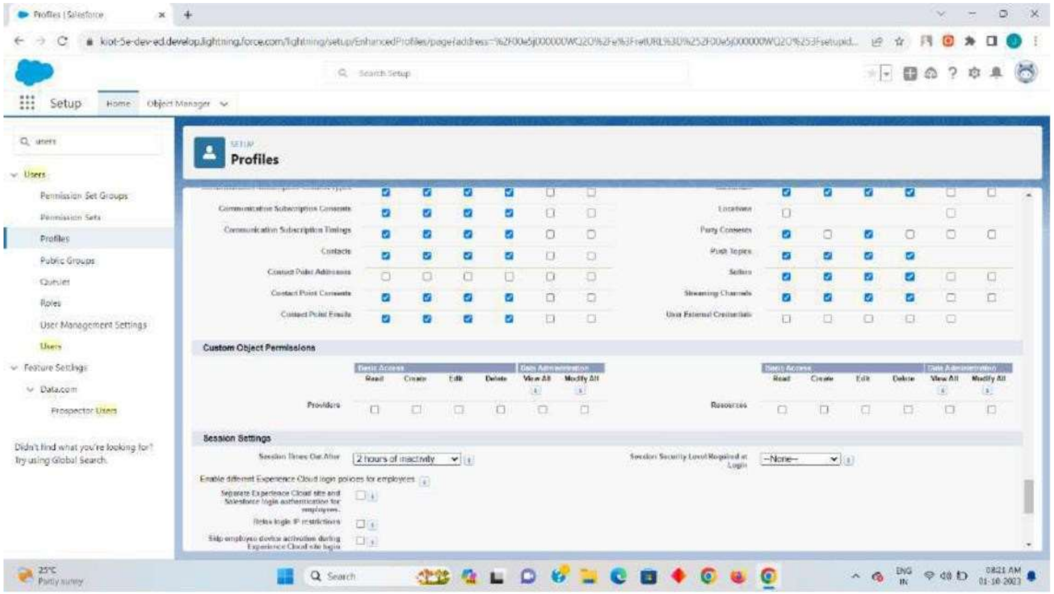


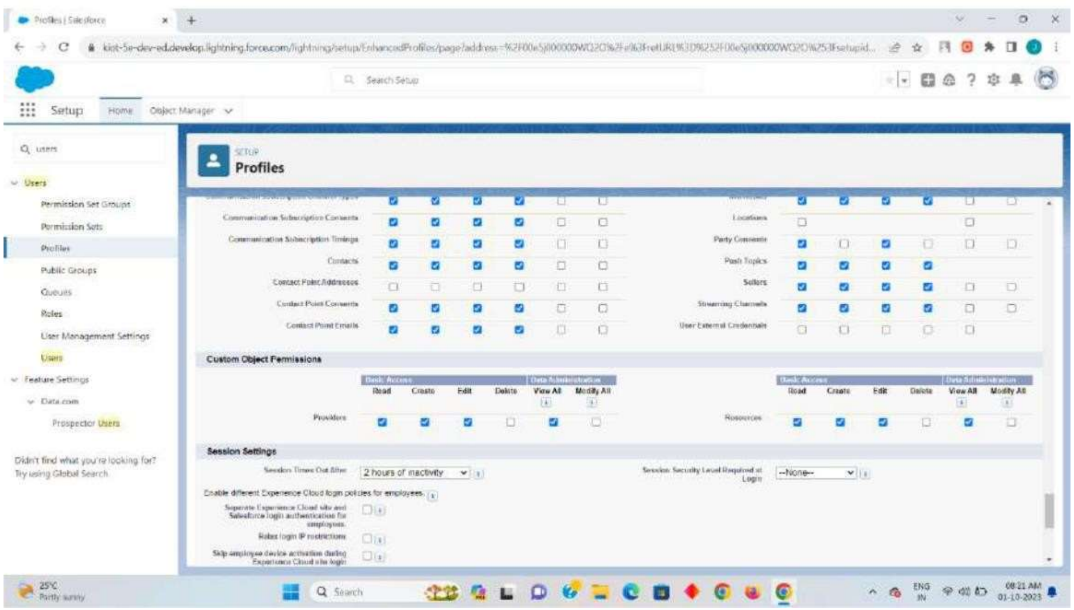

Here I had made it my profile name as Jaga and the existing profile as Standard Platform User.

Step 3:

Now click on the edit and scroll down to custom object settings and enable the read,create,edit and view options. After that click on save.




Profiles | Salesforce
Setup
Home
Object Manager
Profiles
Users
Permission Set Groups
Permission Sets
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
Feature Settings
Data.com
Prospector Users
Didn't find what you're looking for? Try using Global Search.
Communication Subscription Consents
Communication Subscription Timings
Contacts
Contact Point Addresses
Contact Point Consents
Contact Point Emails
Locations
Party Consents
Push Topics
Sellers
Streaming Channels
User External Credentials
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Providers
Resources
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Enable different Experience Cloud login policies for employees
Relax login IP restrictions


Profiles | Salesforce
Setup
Home
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Profiles
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Permission Set Groups
Permission Sets
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Public Groups
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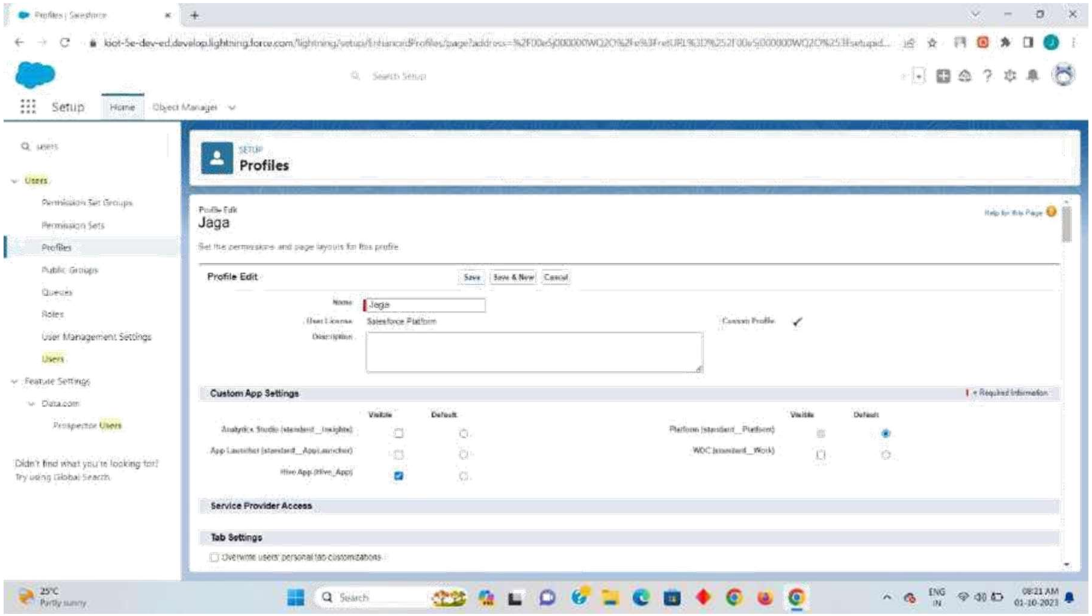
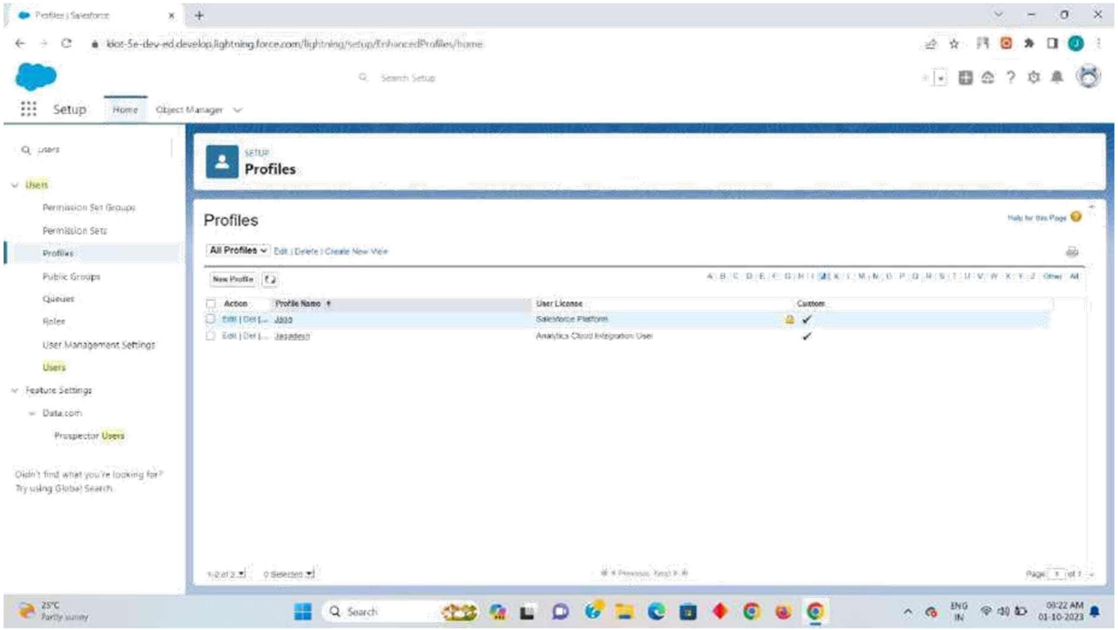
Sellers
Streaming Channels
User External Credentials
Custom Object Permissions
Basic Access
Data Administration
Read
Create
Edit
Delete
View All
Modify All
Providers
Resources
Session Settings
Session Times Out After
2 hours of inactivity
Session Security Level Required at Login
--None--
Enable different Experience Cloud login policies for employees.
Relax login IP restrictions



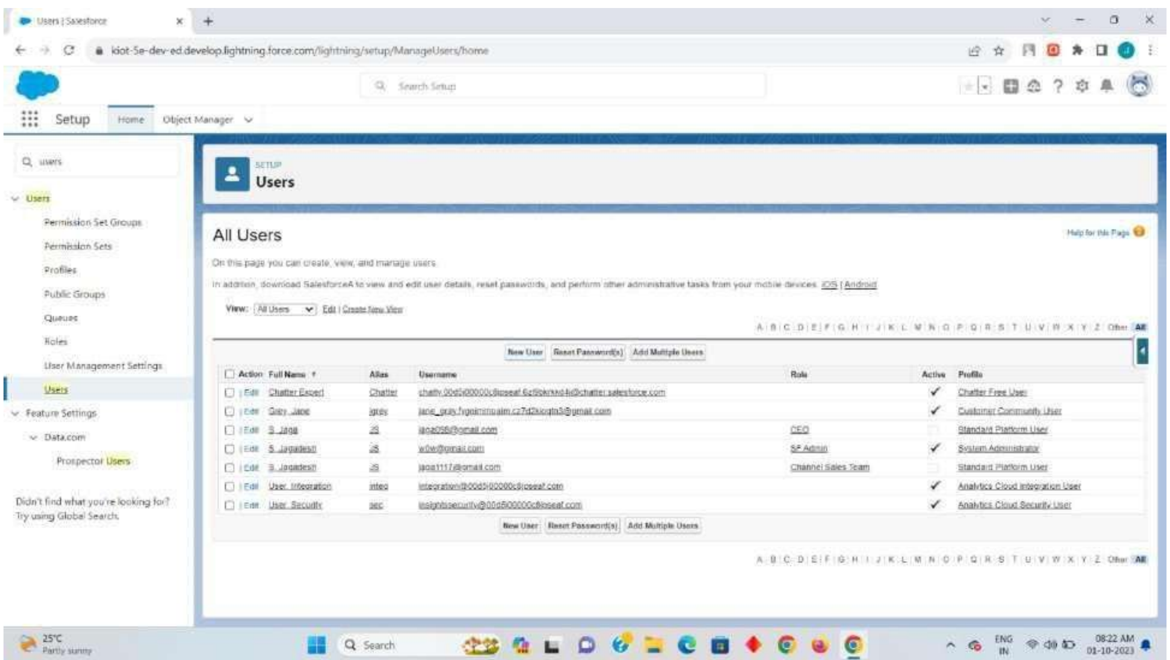
Step 4

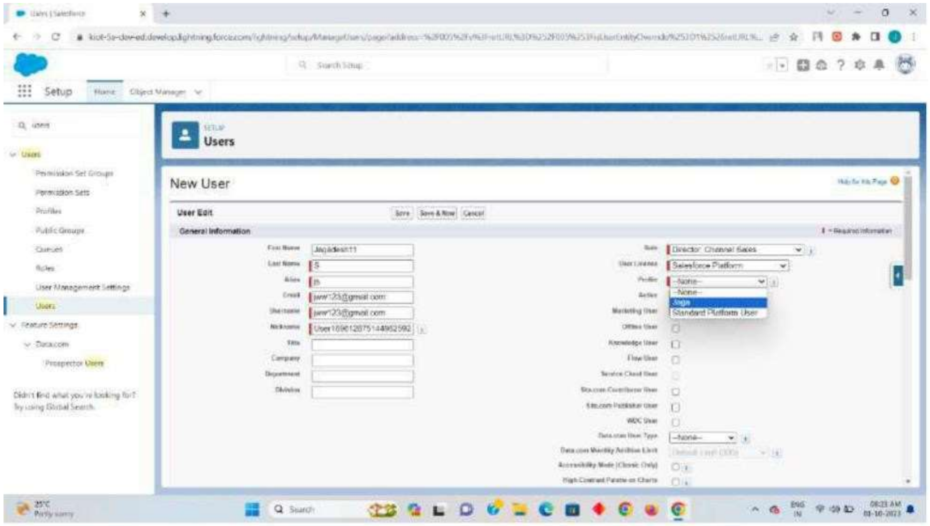
Now you can preview your created profile on the profile option here my profile name jaga has been created with the access of read,create,edit along with view on it

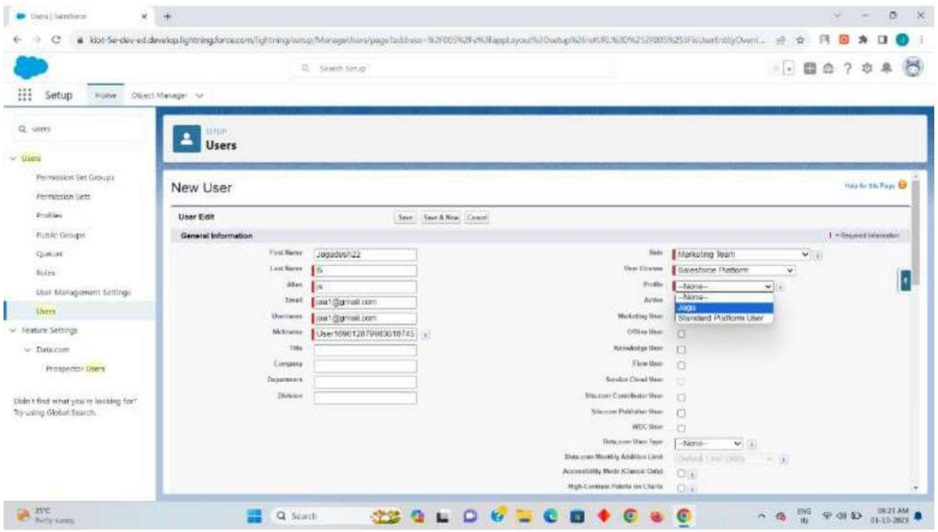


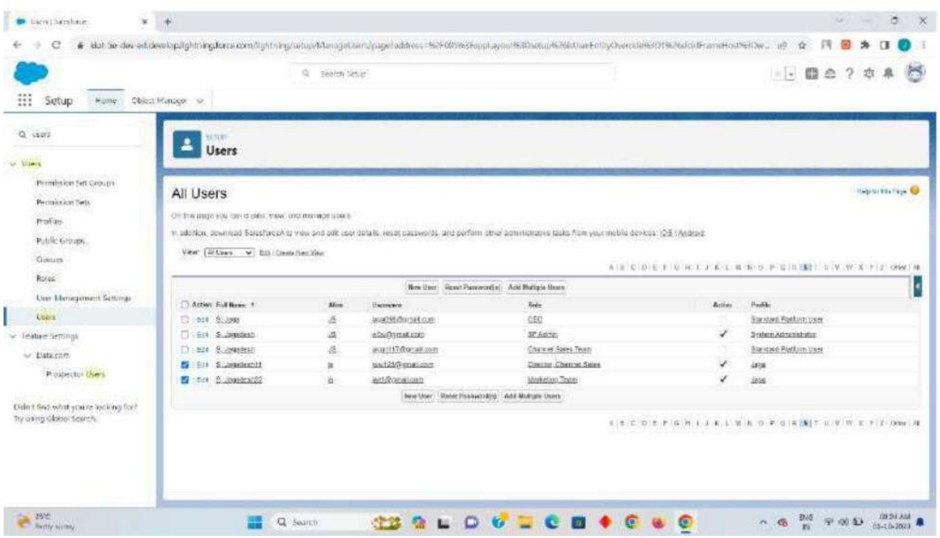
Step 5:

Now create two users by enter into the Setup-quick search[user] and then click on new user after clicking that you need to create two user along with the profile as Jaga which we have created on the step 2.once the one user has been created click on the save&new so that you can create the second user and there the user name can been created with alternate name but with the same user profile and once the two user are create click on save.




Setup
Users
New User


Setup
Users
New User

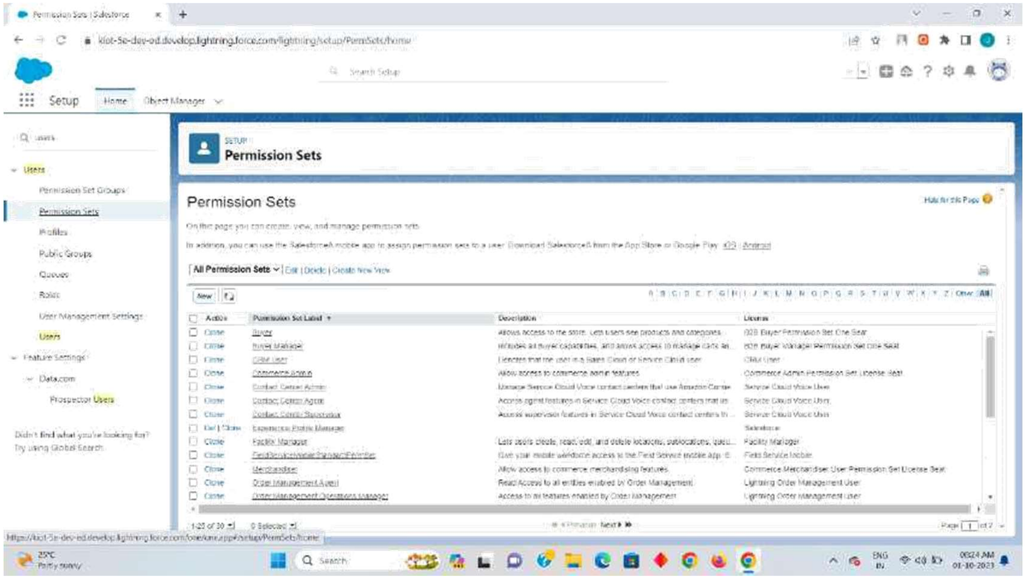

Setup
Users
All Users

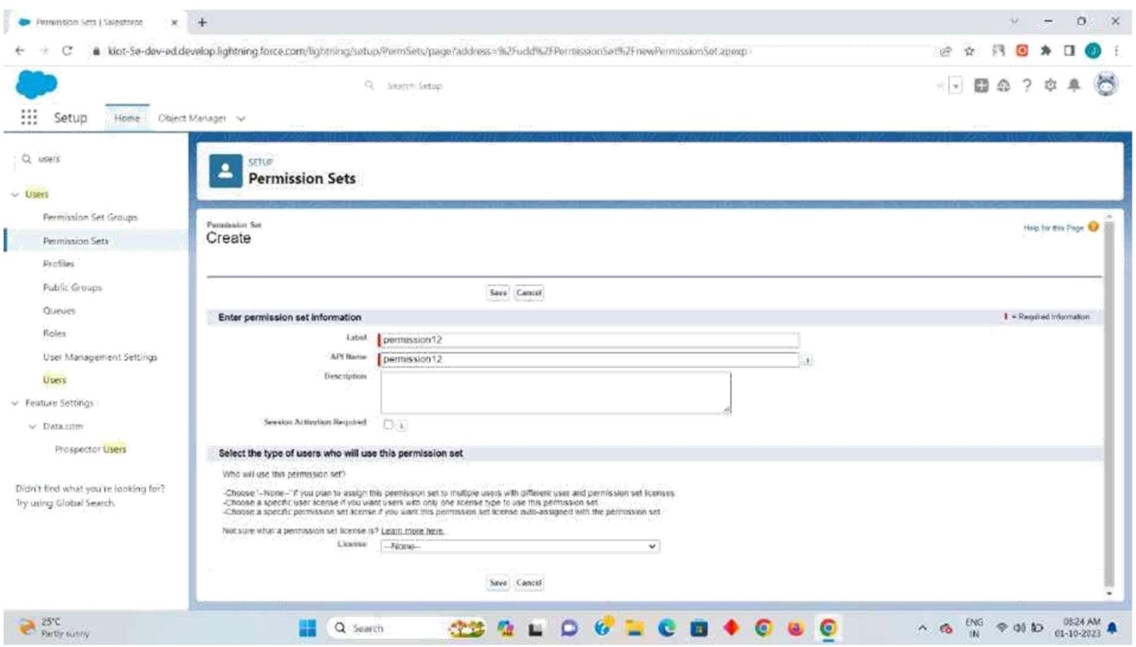
Now you can preview your two user that you have created in my side I had create the two users a Jagadesh11 and Jagadesh22 as a director channel sales with the marketing team.

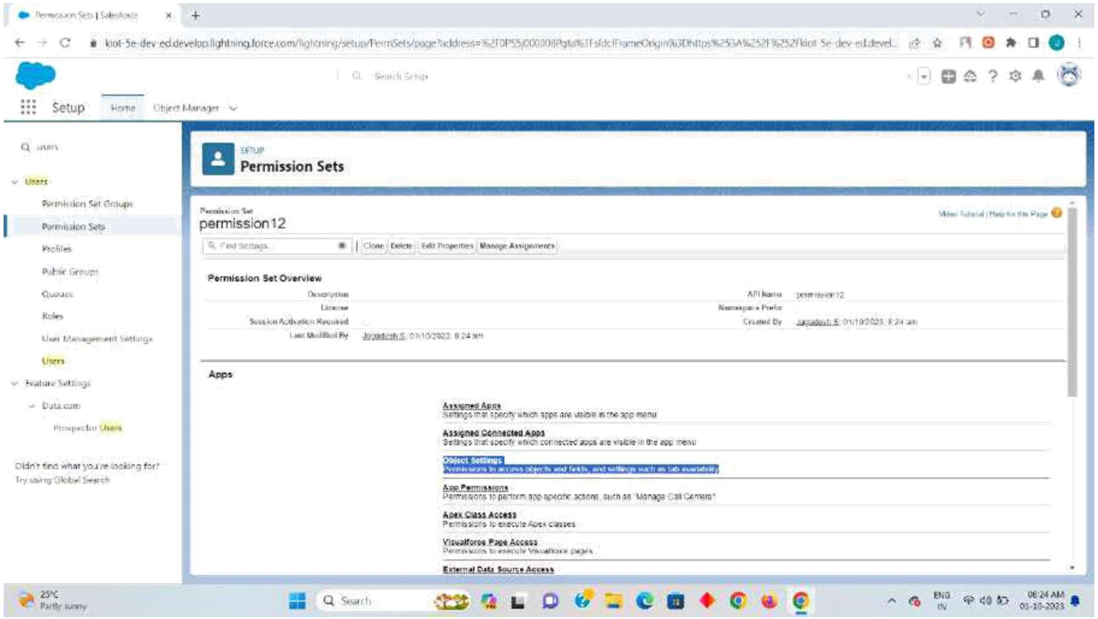
Step 6:

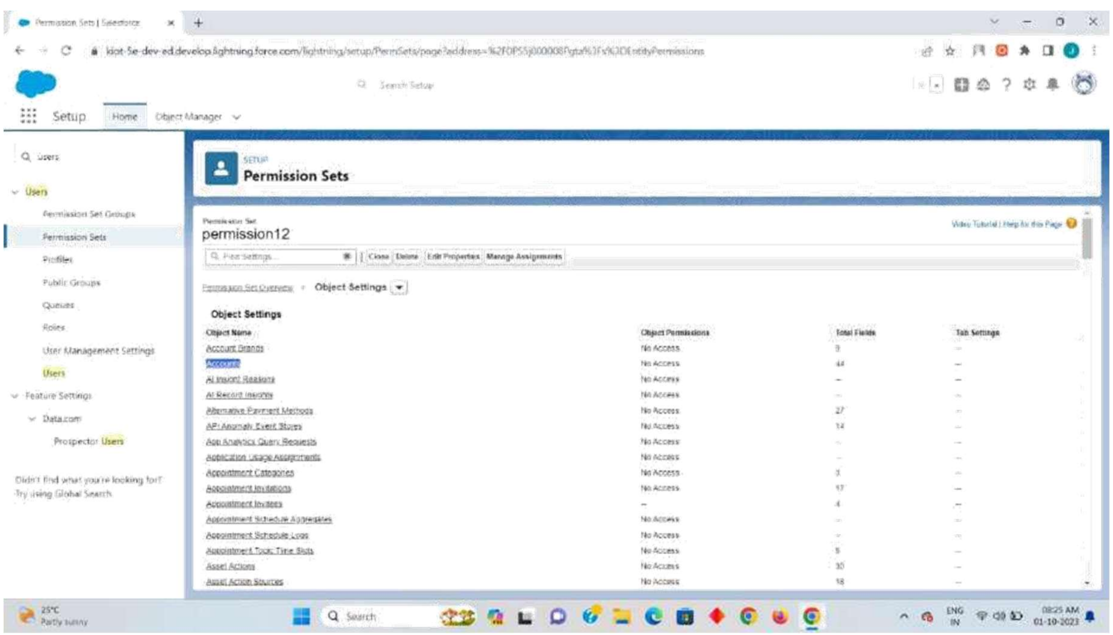
Now the two user as been created with the profle so that two user can perform the Create, Read, Edit and view on both the user. So as per the given task we need to allocate a specific access as delete on one user for that we need create a permission set for one user so it can created as

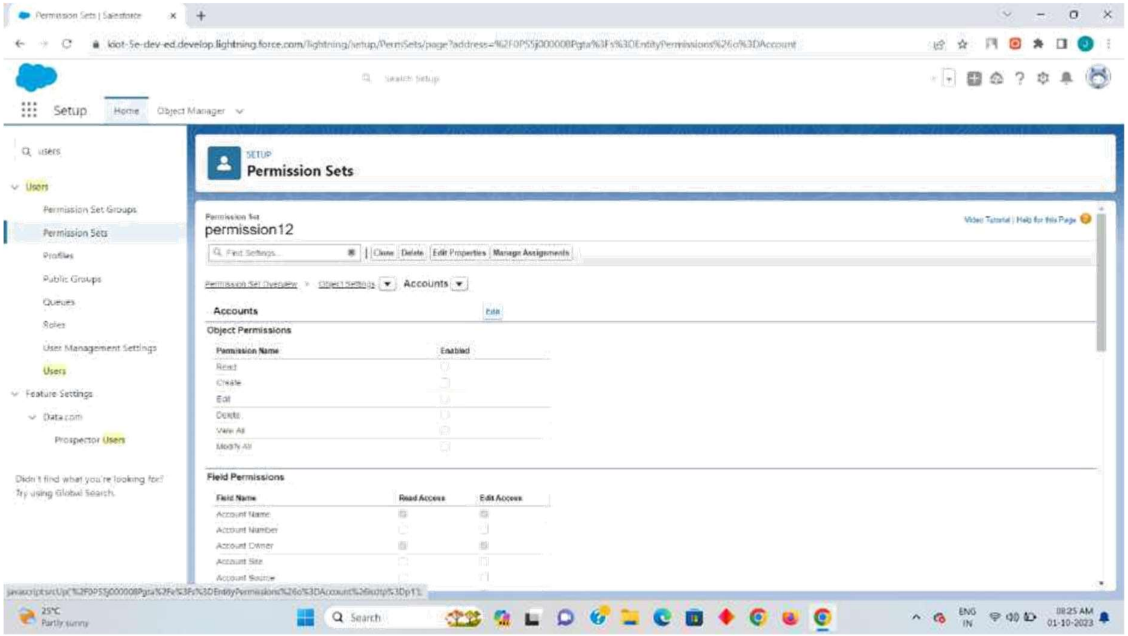
setup-quick search[permission set]-new-fill label name [auto select the API name]-click on save-object settings-accounts.


Setup
Home
Object Manager
SETUP
Permission Sets
Permission Sets
Permission Set Groups
Profiles
Public Groups
Queues
Roles
User Management Settings
Users
Feature Settings
Data.com
Prospector Users
All Permission Sets
New
Action
Permission Set Label
Description
License


Setup
Home
Object Manager
SETUP
Permission Sets
Permission Set
Create
Save
Cancel
Enter permission set information
Label
permission12
API Name
permission12
Description
Session Activation Required
Select the type of users who will use this permission set
Who will use this permission set?
License
--None--

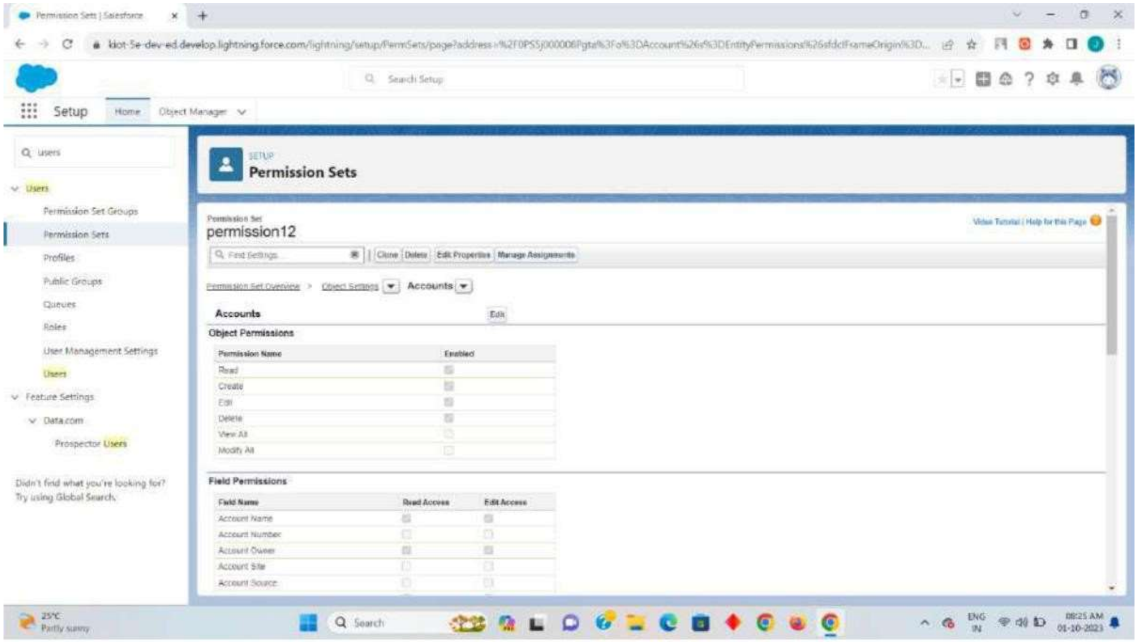

Setup
Home
Object Manager
Permission Sets
permission12
Permission Set Overview
Apps
Assigned Apps
Assigned Connected Apps
Object Settings
App Permissions
Apex Class Access
Visualforce Page Access
External Data Source Access

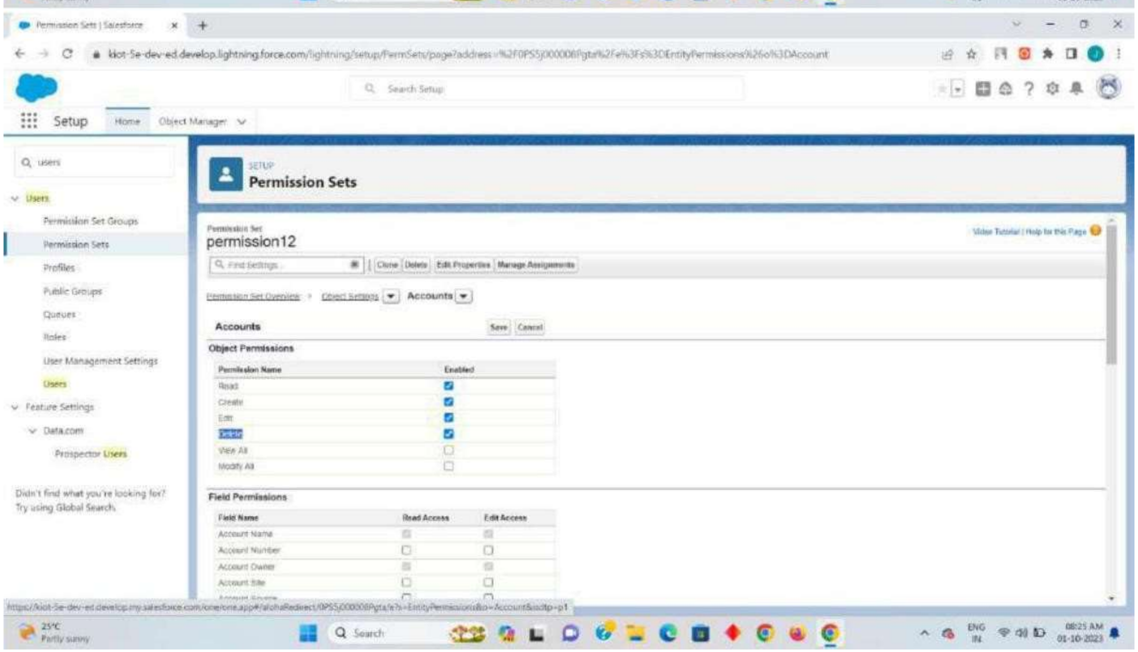

Setup
Home
Object Manager
Permission Sets
permission12
Object Settings
Object Name
Object Permissions
Total Fields
Tab Settings



Step 7:

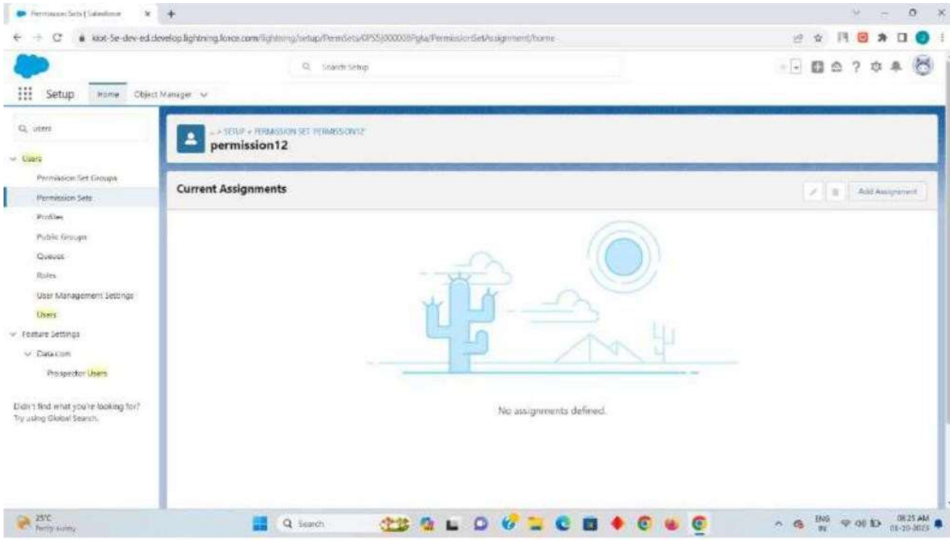
Now to give the specific delete access to the user click on edit on the Account and then enable the read,create,edit and the delete on it so that the permission set will have a specific special access on it. once it has been done click on save and then click on manage assignment.

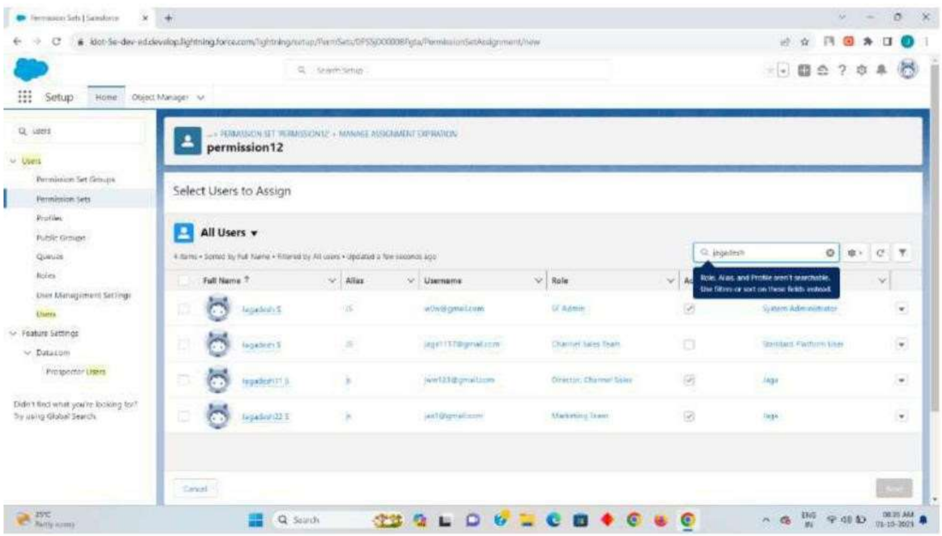


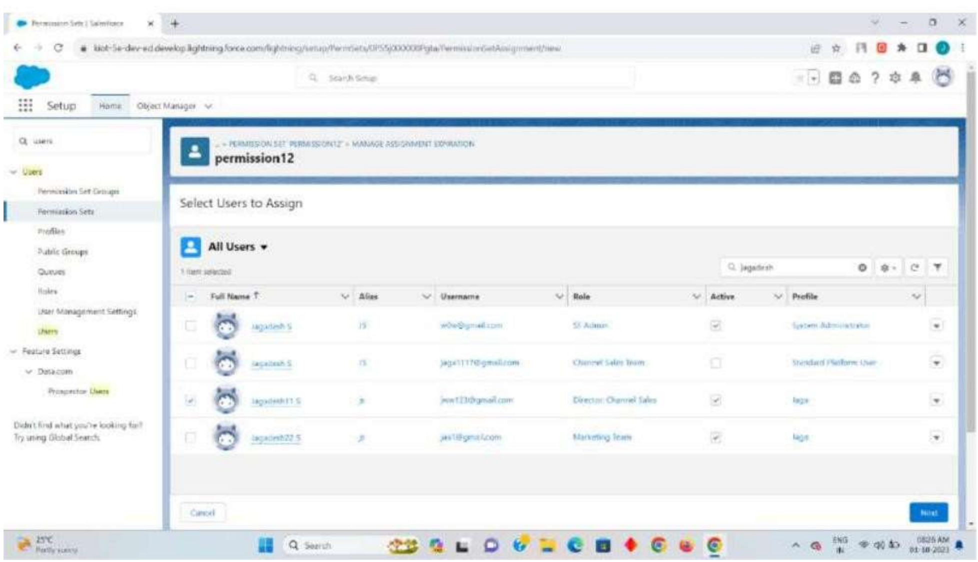


Step 8

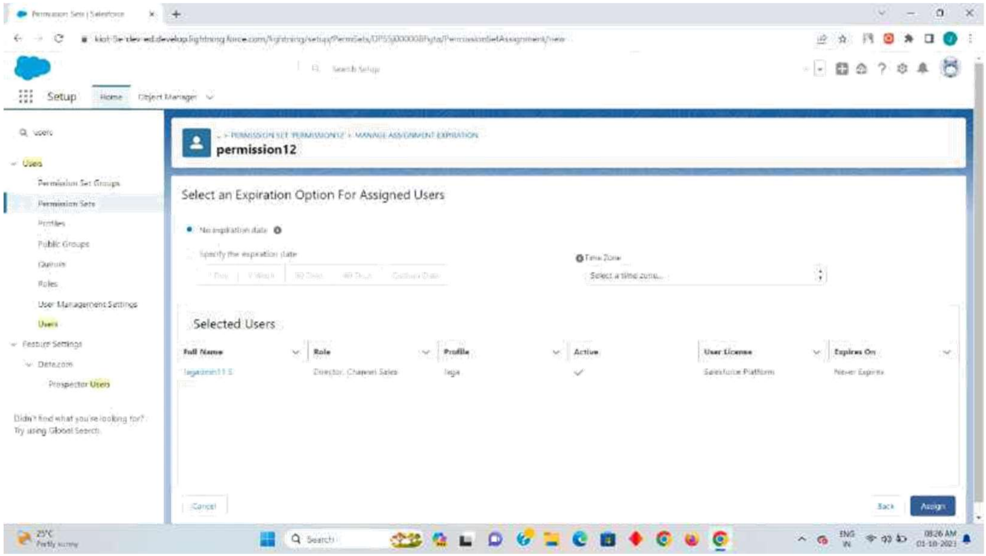
Now click on add assignment there you will find your two created users click on any one user to give a special access as delete on it and then click on assign so that the specific selected user can have a special access as delete on it.



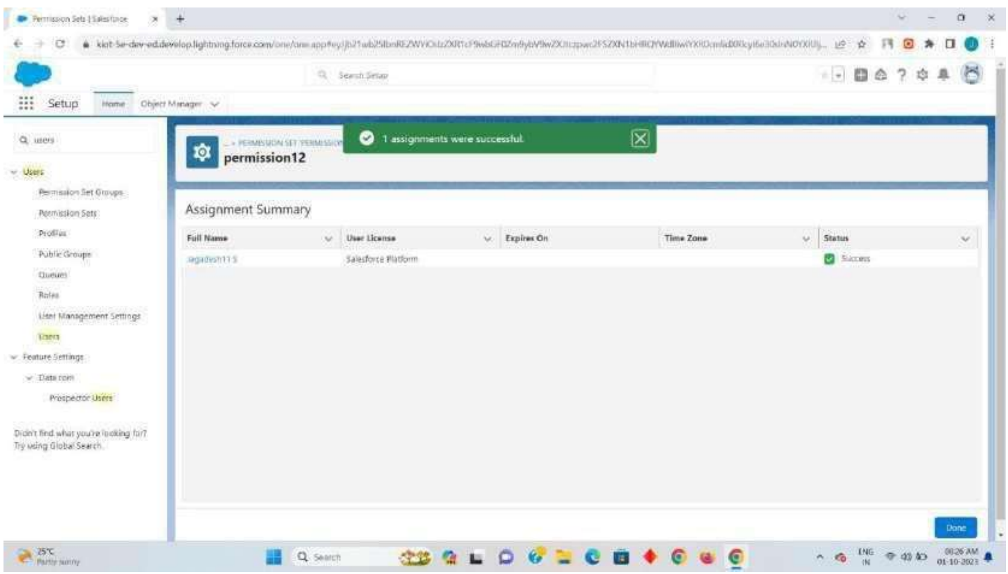




Click on next.




Now click on Assign.




Now the specific access for the Jagadesh11 user has been assigned successfully.

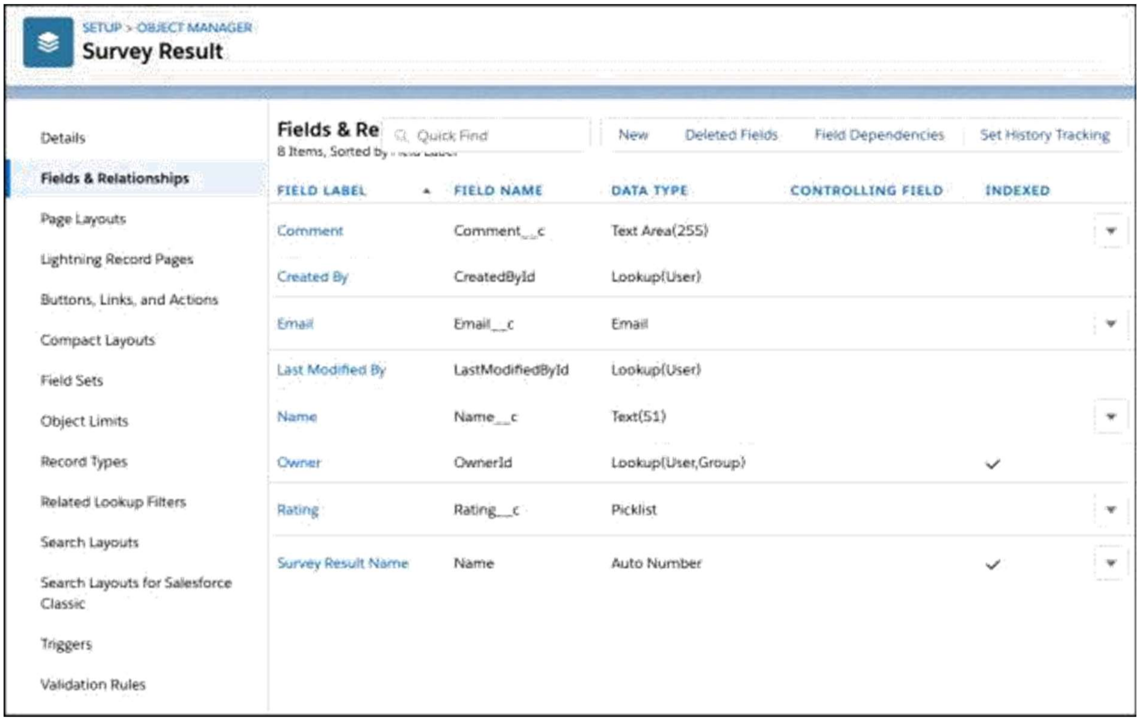
**4.Create a screen flow for a basic survey to fill in the details for any form.**

Solution:

Step 1: Create a Custom Object

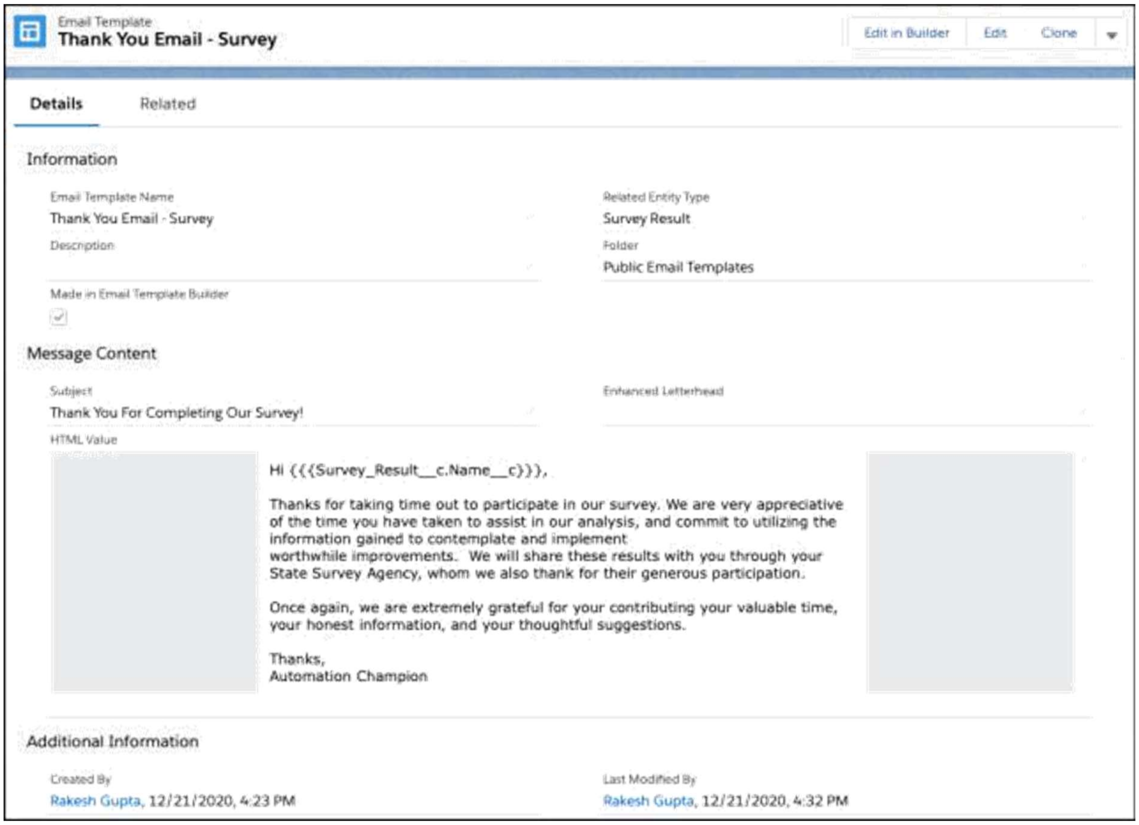
The next step is to create a custom object **Survey Result** and a few custom fields to store survey responses.

1. Click **Setup**.
2. In the Object Manager, click **Create | Custom Object**.
3. Now create a custom object **Survey Result** and fields as shown in the screenshot below:
4. Click **Save.**




Step 2: Create a Thank You For Survey Lightning Email Template

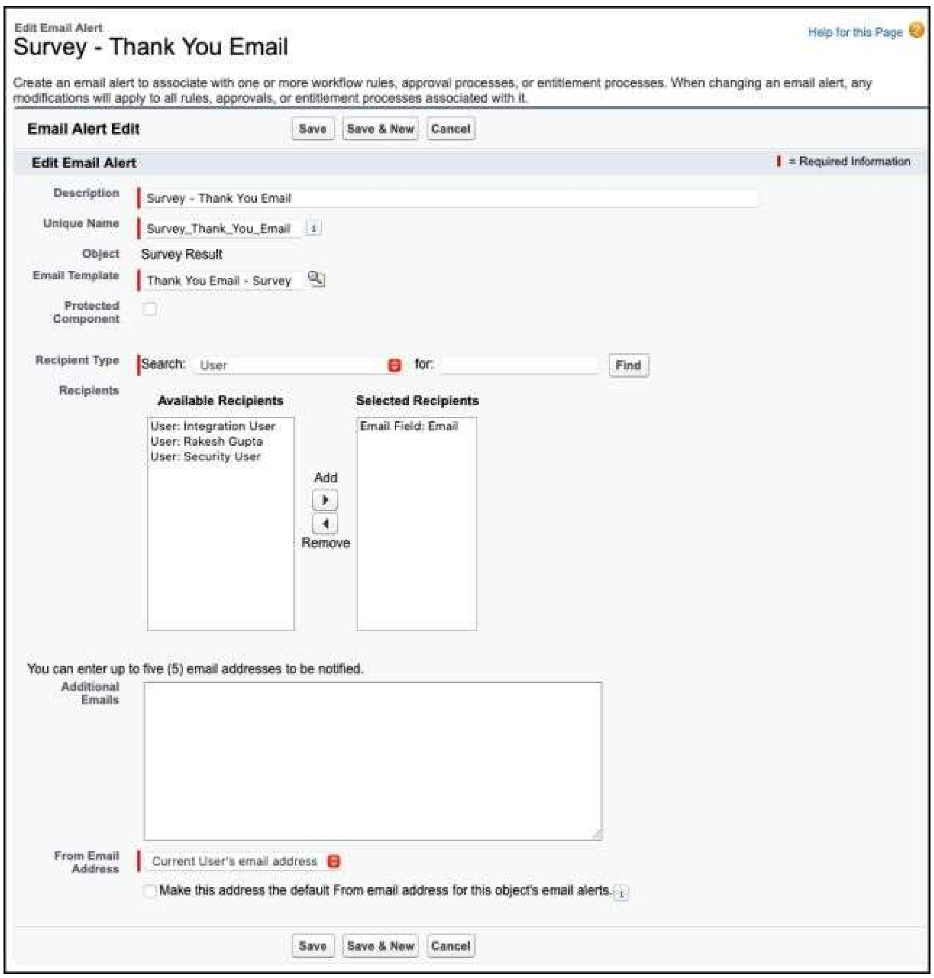
1. Click **App Launcher**.
2. In the Quick Find box, type **Email Templates**.
3. Clicks on the **New Email template** button.
4. **Name** the **Lightning Email Template** and make sure to store it in the **Public Email Templates** folder**.**
5. Create a template like the following screenshot.




Step 3: Create an Email Alert

1. Click **Setup**.
2. In the Quick Find box, type **Email Alerts**.
3. Select **Email Alerts**, click on the **New Email Alert** button.
4. **Name** the **Email Alert** and click the Tab button. The **Unique Name** will populate.

5. For **Object** select **Survey Result.**
6. For the **Email Template** chooses **Lightning Email Template Thank You Email – Survey**.
7. For **Recipient Type** select **Email Field: Email.**
8. Click **Save**.




Step 4.1: Salesforce Flow — Create a Screen that Allow Users to Fill Survey

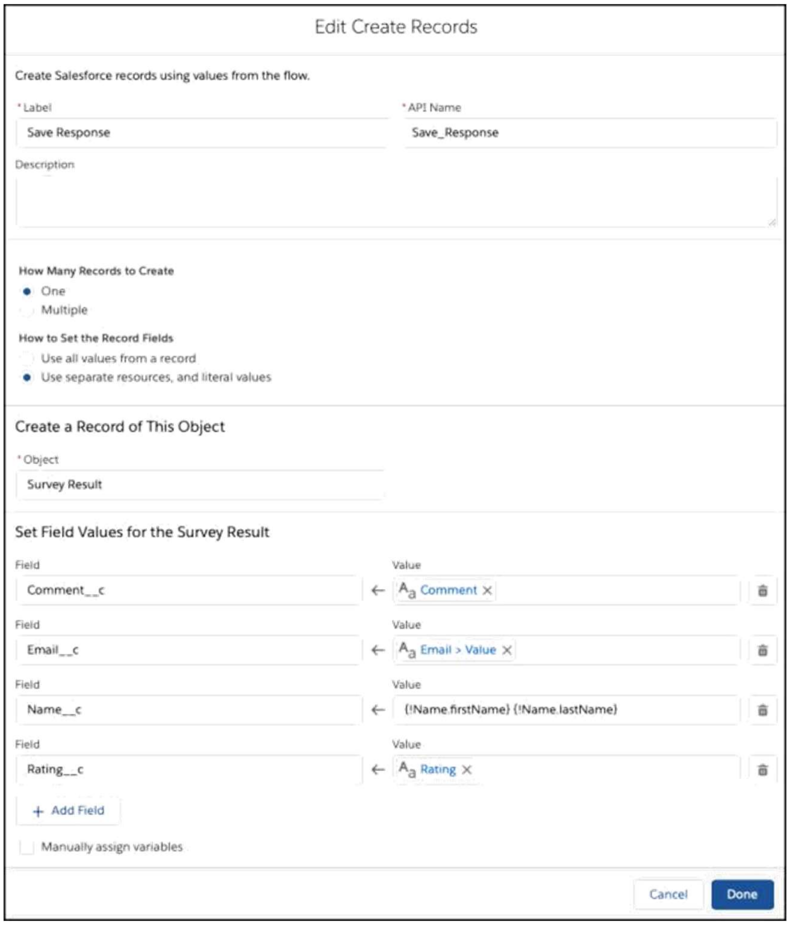
1. Click **Setup**.

2. In the Quick Find box, type **Flows**.
3. Select **Flows** then click on the **New Flow**.
4. Select the **Screen Flow** option and click on **Next** and configure the flow as follows:
    1. **How do you want to start building**: **Freeform**
5. We will use the **Screen** element to capture a **Survey response** form. Drag and drop a **Screen** element onto the canvas.

Step 4.2: Salesforce Flow — Add a Record Creates Element to Save Survey Response

1. Drag-and-drop the **Create Records** element onto the Flow designer.
2. Enter a name in the **Label** (**Save Response**) field; the **API Name** will auto-populate.
3. For **How Many Records to Create** – select **One.**
4. For **How to Set the Record Fields** – select **Use separate resources, and literal values.**
5. Select the **Survey_Result__c** object from the dropdown list.
6. **Set Field Values for the Survey Result**
    1. Row 1:
        1. **Field: Comment__c**

        2. **Value: {!Comment}**
    2. Click **Add Row**
    3. Row 2:
        1. **Field: Email__c**
        2. **Value: {!Email.value}**
    4. Click **Add Row**
    5. Row 3:
        1. **Field: Name__c**
        2. **Value: {!Name.firstName} {!Name.lastName}**
    6. Click **Add Row**
    7. Row 3:
        1. **Field: Rating__c**
        2. **Value: {!Rating}**
7. Click **Done**.

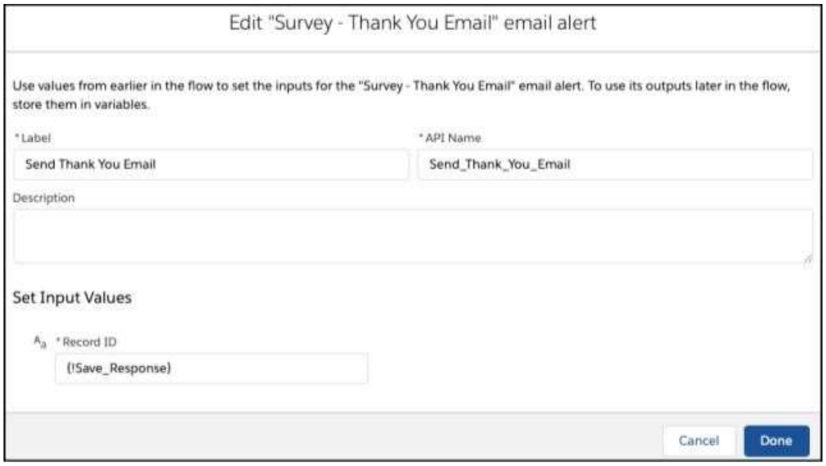



## Step 4.3: Salesforce Flow — Call an Acton — Email Alert to Send Out Thank You Email

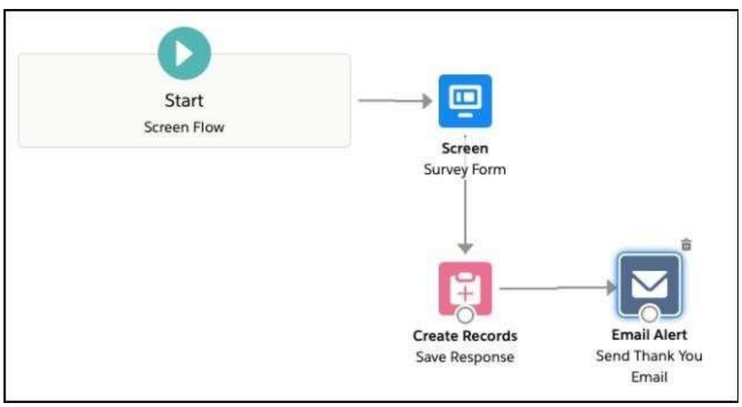
The next step is to call the **Survey – Thank You Email** email alert from flow so that when flow fires it triggers the thank you email to survey participants.

1. Under **Toolbox**, select **Element**.
2. Drag-and-drop **Action** element onto the Flow designer.
3. In the **Action** box, type **Survey – Thank You Email**.

4. Clicks on the **Survey – Thank You Email** email alert.
5. Click **Done**.

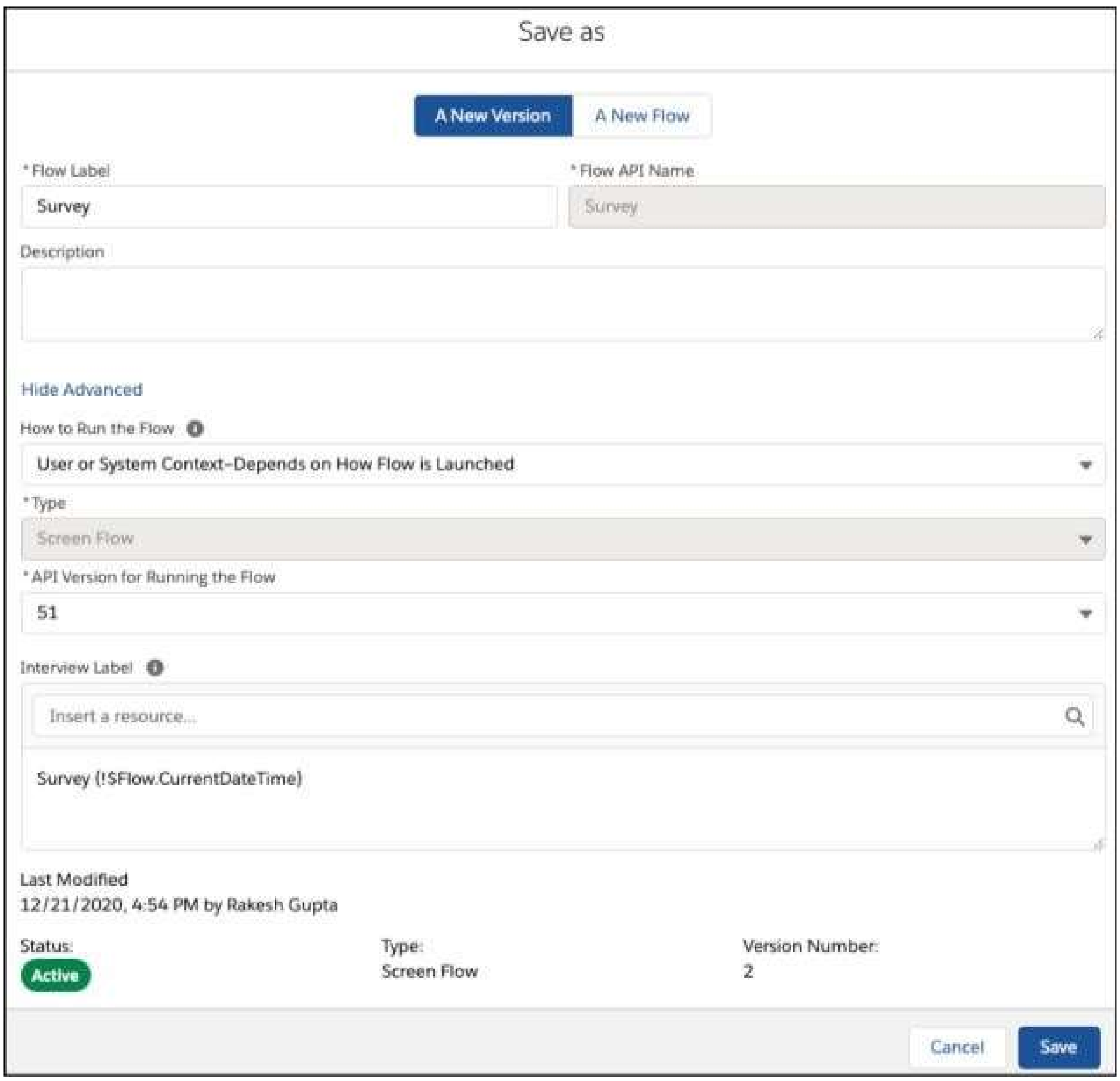



In the end, Sergio's **Flow** will look like the following screenshot:




1. Click **Save**.
2. Enter **Flow Label** the **API Name** will auto-populate.
3. Click **Show Advanced**.

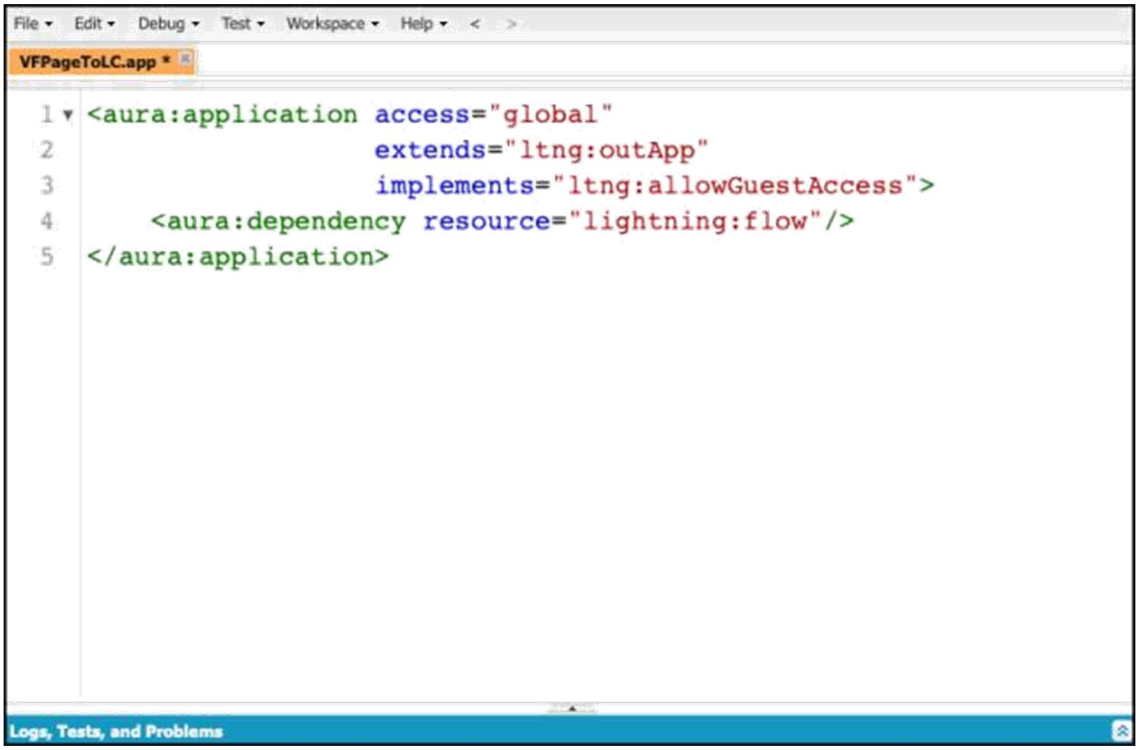
4. **How to Run the Flow: User or System Context—Depends on How Flow is Launched**
5. **Type: Screen Flow**
6. **API Version for Running the Flow: 51**
7. **Interview Label: Survey {!$Flow.CurrentDateTime}**
8. Click **Save**.



Step 5: Create a Lightning Application to Render Lightning Runtime for Flow in a Visualforce Page

Now we will create a Lightning Application that declares a dependency on the **lightning:flow** component.

**1.** Click **Setup | Developer Console**
**2.** Navigate to **File | New | Lightning Application**
3. Enter a **Name** (**VFPageToLC**) field, make sure to select the **Lightning Out Dependency App** checkbox.
**4.** Click **Submit.**
5. Copy code from **GitHub** and paste it into your Lightning Application.
6. **Save** your code.

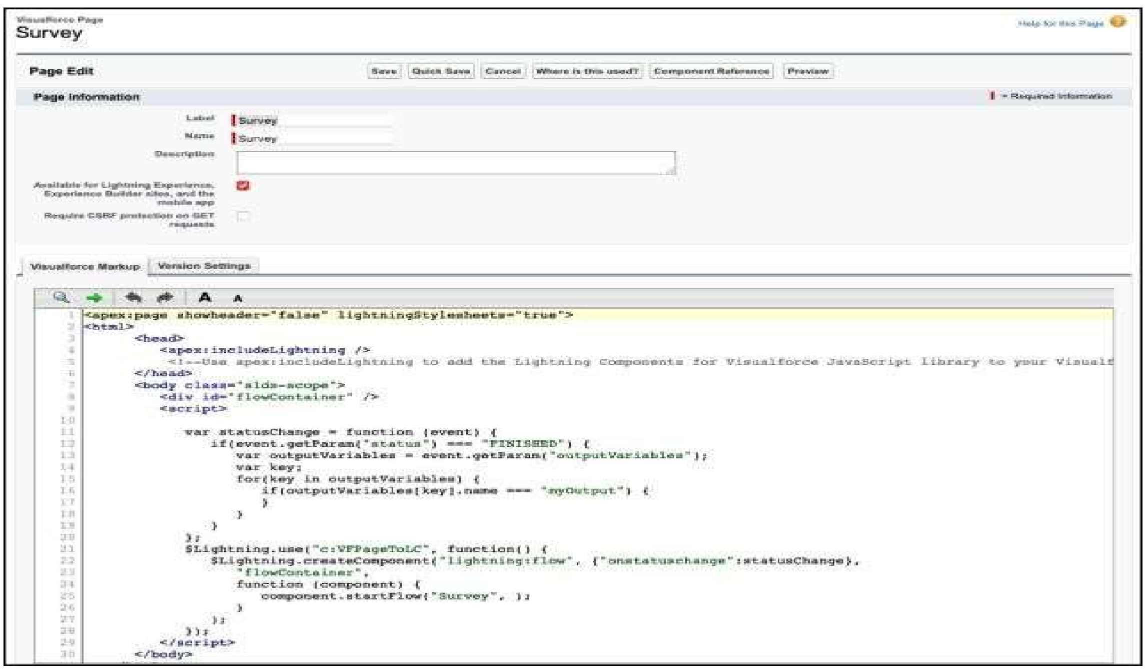



## Step 6: Create a Visualforce Page and Embed Your Flow Into It

Now we will create a Lightning Application that declares a dependency on the **lightning:flow** component.

Add the Lightning Components for Visualforce JavaScript library to your Visualforce page using the **<apex:includeLightning/>** component. In the Visualforce page, reference the dependency app. Then write a JavaScript function that creates the component on the page using **$Lightning.createComponent()**

1. Click **Setup**.
2. In the Quick Find box, type **Visualforce Pages**.
3. Clicks on the **New** button.
4. Copy code from **GitHub** and paste it into your visualforce page
5. Click **Save.**

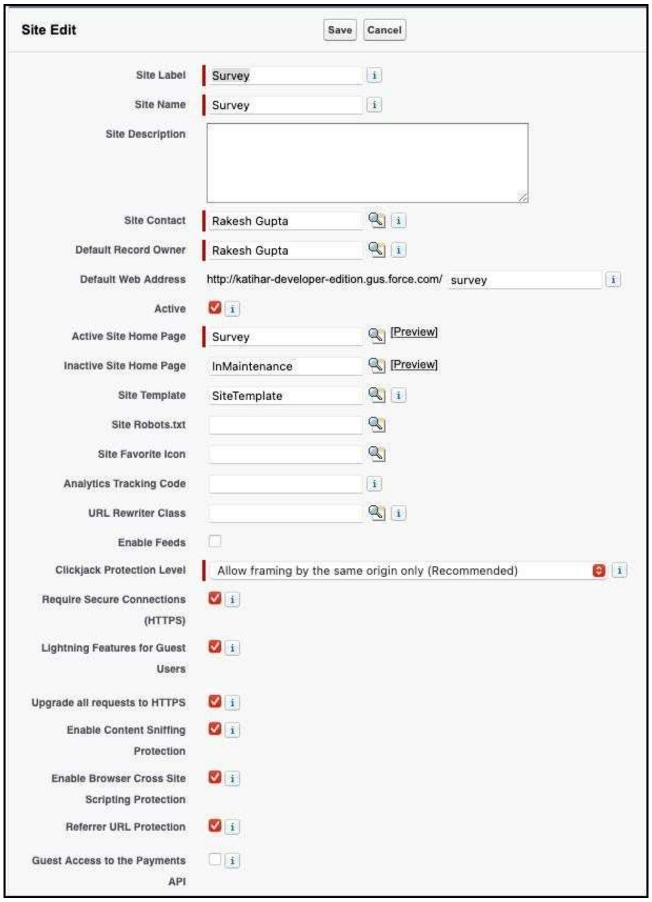



## Step 7: Create a Force.com Site to Open Your Flow for Unauthenticated Access

Now we will create a site to open the flow for unauthenticated access.

1. Click **Setup**.

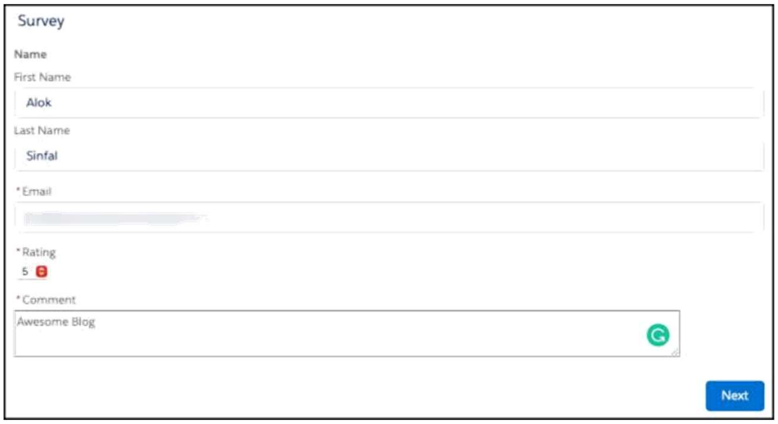
2. In the Quick Find box, type **Sites**.
3. Clicks on the **New** button.
4. Fill the details as per the screenshot below:
5. Click **Save.**




Under site, **Public Access Settings** make sure that guest users have **Create** access on **Survey Result** object and **Edit** on the **fields**.

## Proof of Concept

Now onward, if someone opens the site url and fills the form:




After successful submission, he/she will receive an email.