Design and develop custom Application (Mini Project) using Sales force Cloud.

- **Problem Definition:** Design and develop custom Application (Mini Project) using Salesforce Cloud.

- **Objective:** To create an custom application on Salesforce Lightning platform.

- **Software / Hardware Requirements:** OS - Windows / Ubuntu, Google Chrome.

- **Theory:**

1. Salesforce:

Salesforce is a cloud computing service as a software (SaaS) company that specializes in customer relationship management (CRM). Salesforce's services allow businesses to use cloud technology to better connect with customers, partners and potential customers. The software has become the number one for customer success and helps businesses track customer activity, market to customers and many more services. Salesforce is a customer relationship management solution that brings companies and customers together. It is one integrated CRM platform that gives all your departments — including marketing, sales, commerce, and service — a single, shared view of every customer.
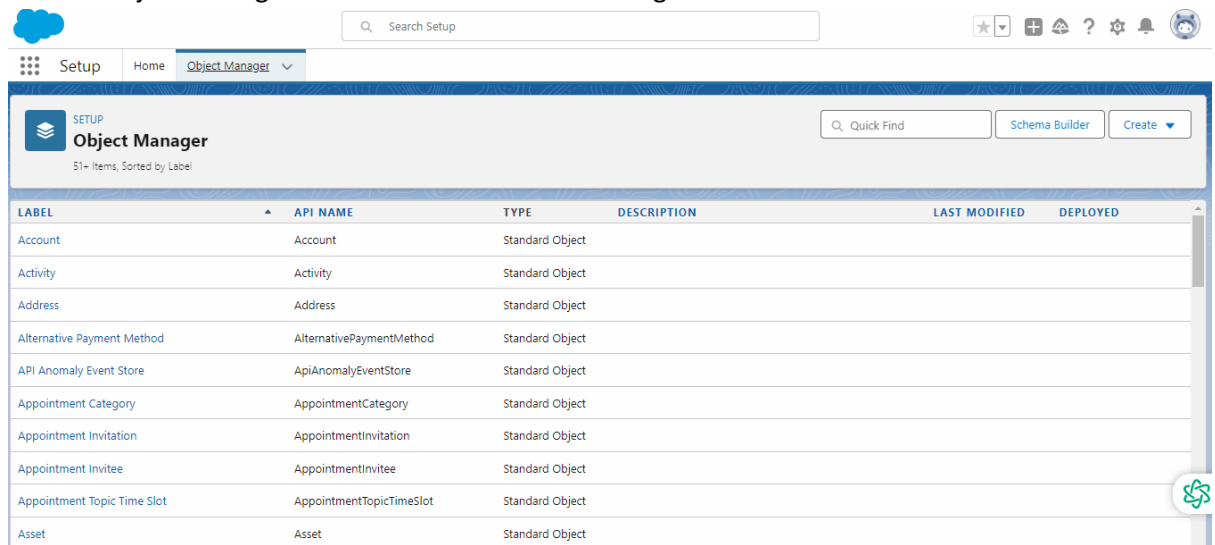
2. Salesforce Lightning Experience:

Salesforce Lightning Experience is simply referred to as "Lightning". When working with lightning Salesforce we will learn about different Salesforce lightning topics like Lightning Login, Lightning App Builder, Lightning for Outlook, Salesforce Lightning Components, Lightning Sync and many more. Some of them are applicable in Lightning Experience only, but some others will work in both Lightning Experience and older Classic user interfaces. Lightning Sync is used to sync your user contacts and events between your email server with Salesforce.

1. Login to salesforce then home page will appear
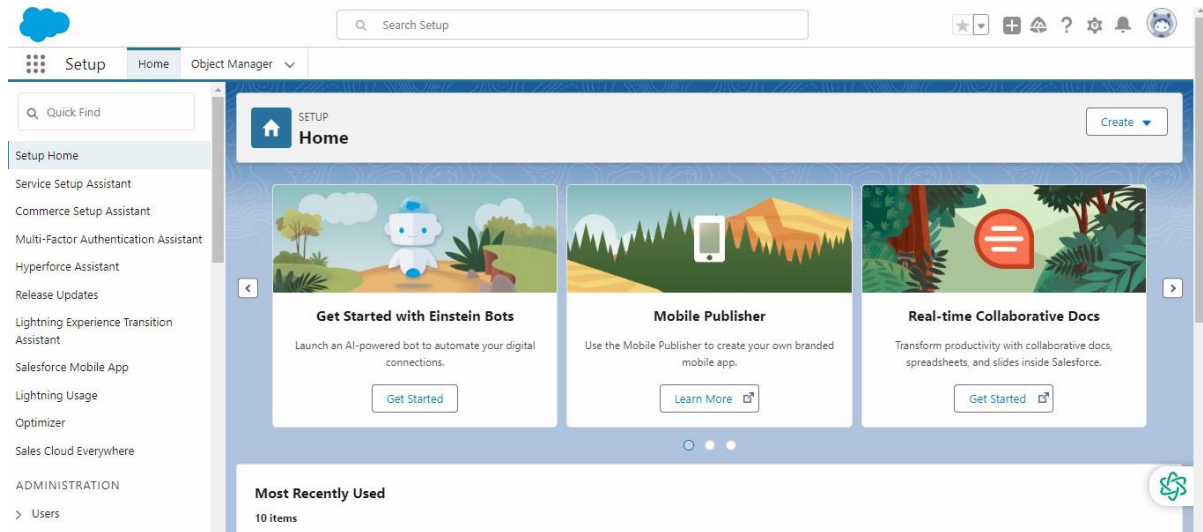
2. Click on object manager and click on create menu at right corner

3. create custom object-It is like creating a table name.so create a stud as custom object.

4 At end click on save and new so it saves existing object and we can add many more object

5. I have created one more custom object **Read_Books**

6. Create a custom object .click on save and new

7. here we want to create 2 object so click on cancel

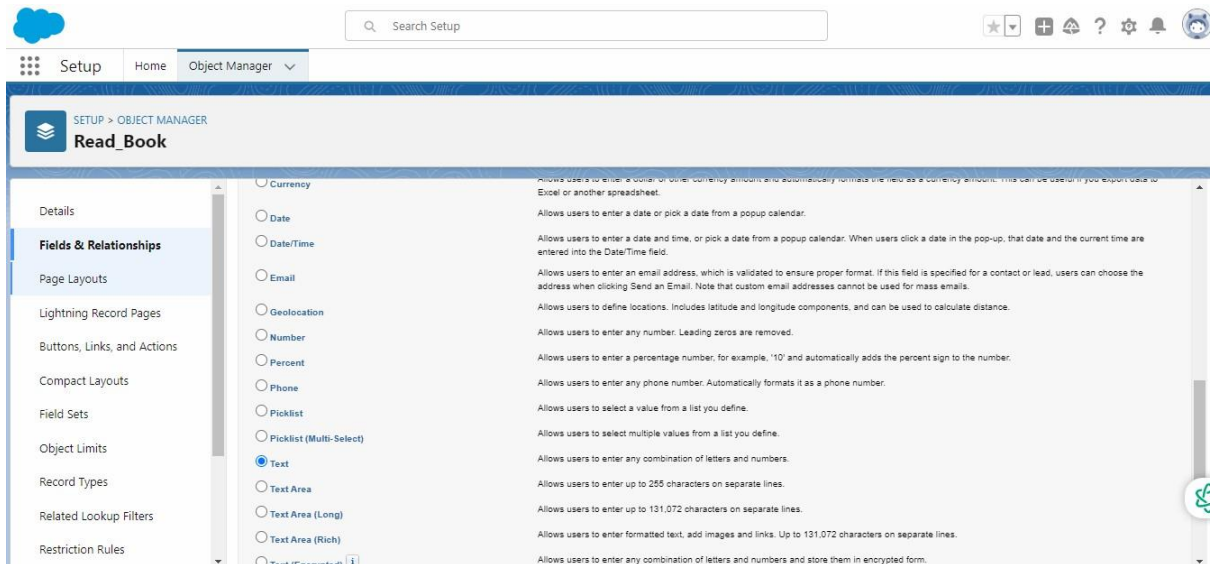8. so read_Books_c means custom object is created

9. when you click on object manager there you can visualize two objects created
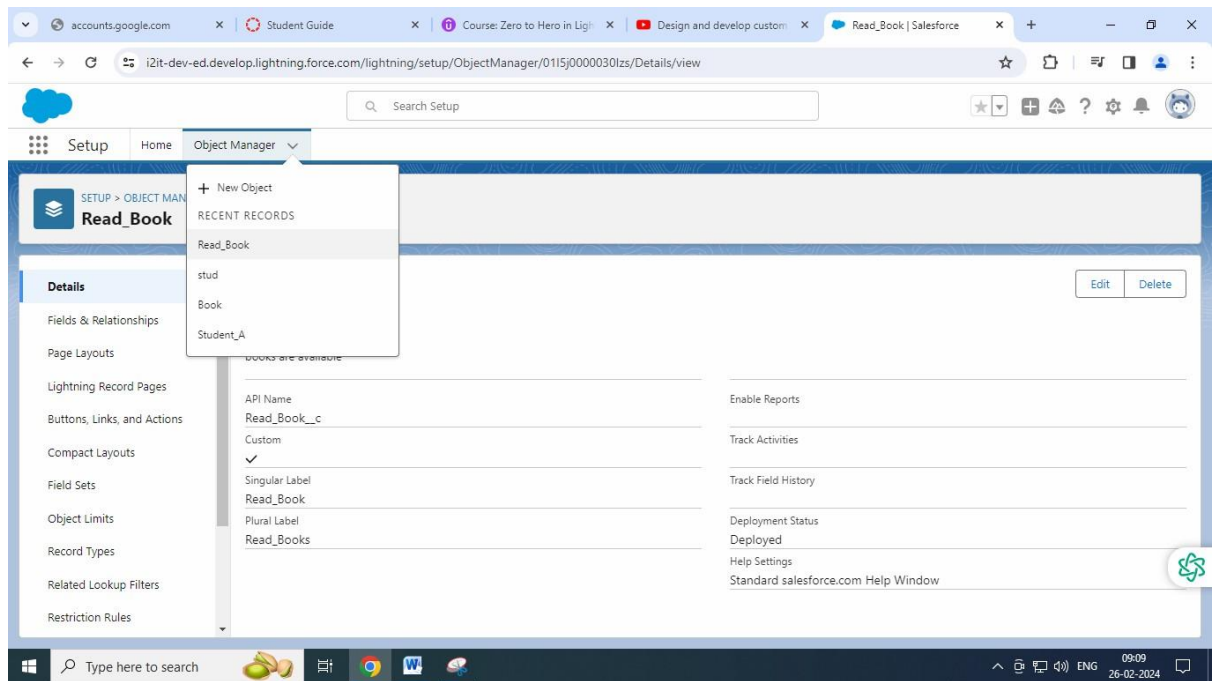
10. Then click at left side fields and relationship. It is like creating column name
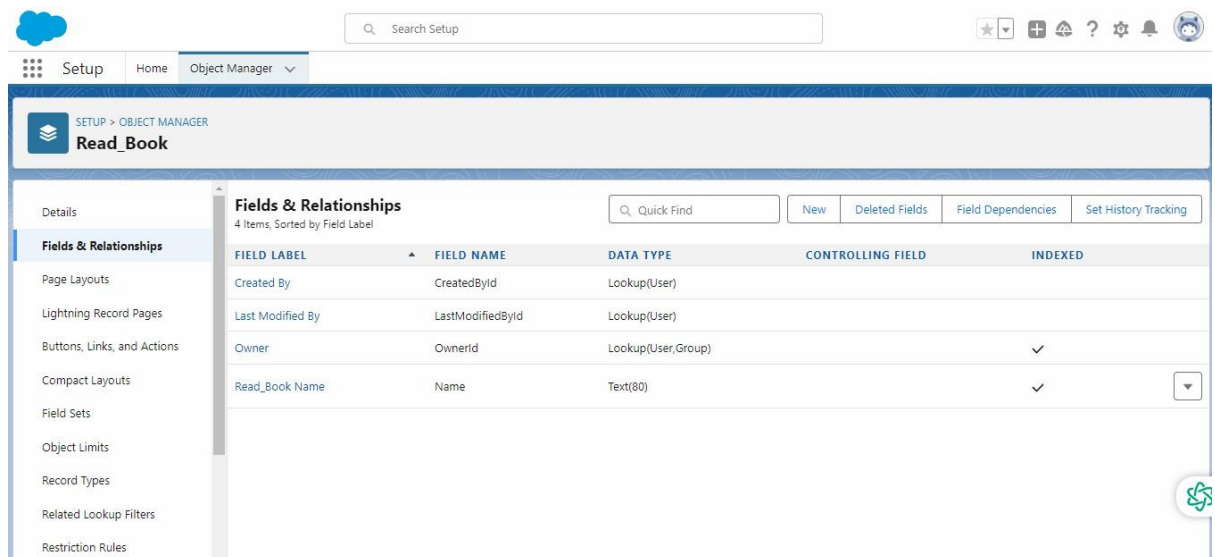
11. click on new tab on same above page=> in new custom field select **text type**

12. then click next

Field Label	Auth_nm

Please enter the maximum length for a text field below.

Length	30
Field Name	Auth_nm

Description: you can add author name

Help Text:

Required ☑ Always require a value in this field in order to save a record

Unique ☐ Do not allow duplicate values
  ◉ Treat "ABC" and "abc" as duplicate values (case insensitive)
  ○ Treat "ABC" and "abc" as different values (case sensitive)

External ID ☐ Set this field as the unique record identifier from an external system

to custom report type ☑ Add this field to existing custom report types that contain this entity ℹ
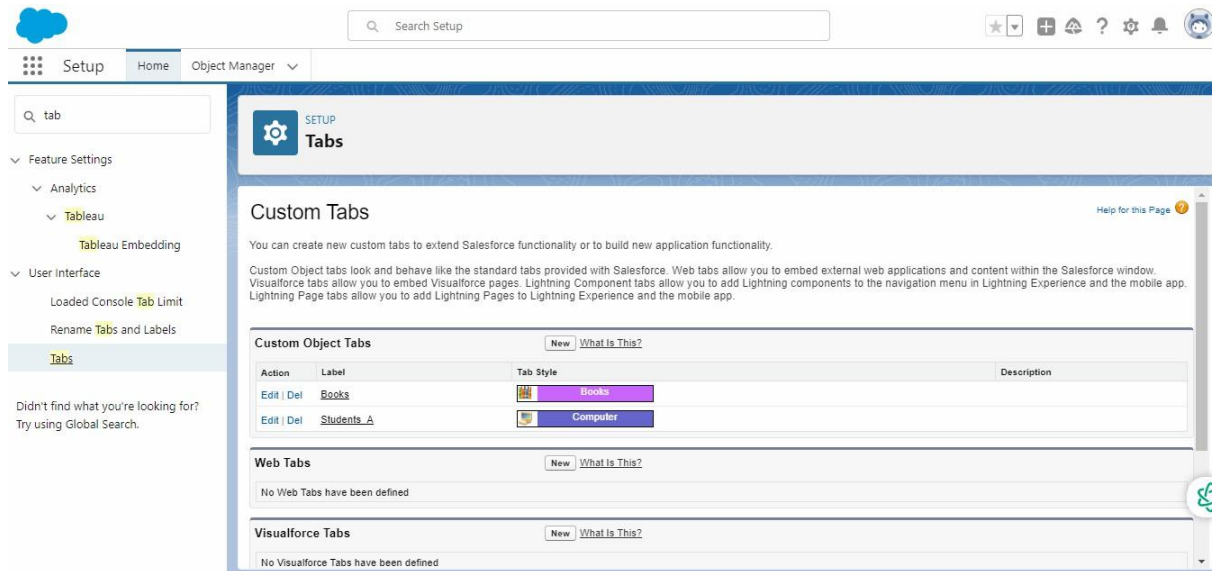
13. Click on next=> click on next=> click on save and new

14. one more field I wanted to add so select text

14. click on next=> next=>click on save

15. then following page looks like this

16. select stud in object manager and add fields here as class =>select text field=>write field name "class"=>next=>=>save

17. now create the tab click on "setup"

18. at left side search for tab

19. In tab style choose whatever object you created Read_book
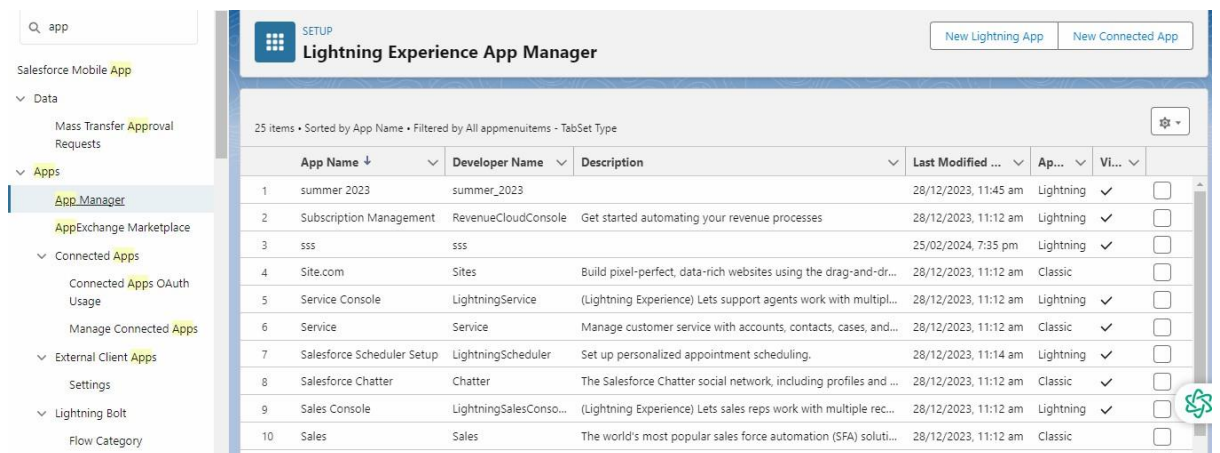
And stud select style for these

Here select object and tab style => click on next=>click on next=>save

Again do it for stud object

select object stud and tab style => click on next=>click on next=>save

20 create app

Click on setup at right corner=> search app=>click on app manager=> click on new lightning app

21. give a name to app

22. add fields in above frame

23 click on next

New Lightning App

App Options

Navigation and Form Factor ⓘ

*Navigation Style

⦿ Standard navigation
◯ Console navigation

*Supported Form Factors

⦿ Desktop and phone
◯ Desktop
◯ Phone

Setup and Personalization ⓘ

Setup Experience

⦿ Setup (full set of Setup options)
◯ Service Setup

App Personalization Settings

☐ Disable end user personalization of nav items in this app

☐ Disable temporary tabs for items outside of this app

☐ Use Omni-Channel sidebar

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24. Again click on next

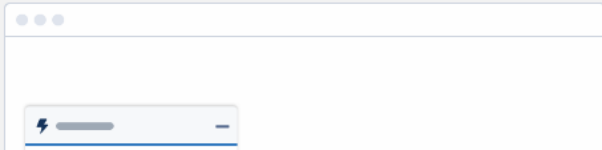## New Lightning App

Utility Items (Desktop Only)

Give your users quick access to productivity tools and add background utility items to your app.

| Add Utility Item | Utility Bar Alignment ⓘ | Default ▼ |

The utility bar is a fixed footer that opens components in docked panels. Available only when the app is viewed in Lightning Experience on a desktop.

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25. click next
26. add tabs for your application
27.

New Lightning App

Navigation Items

hoose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.

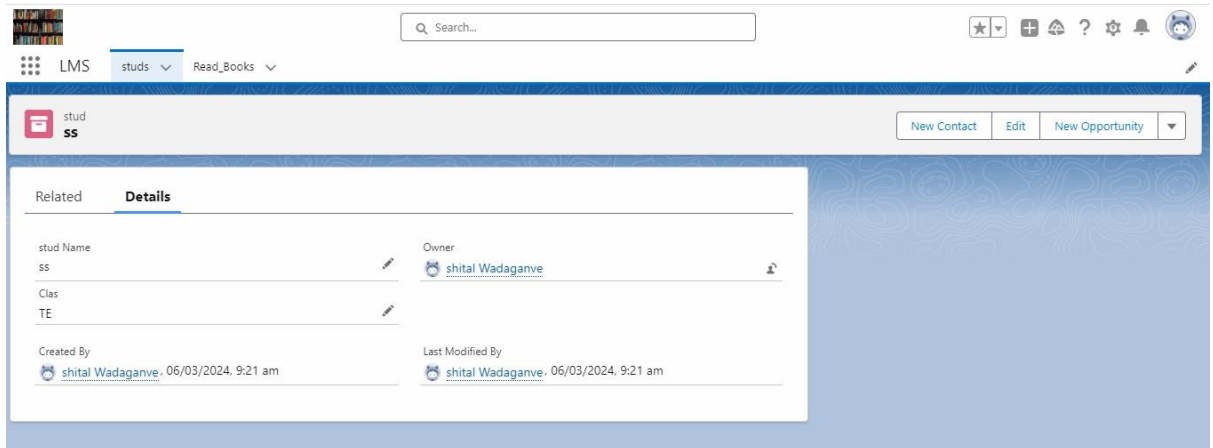| Available Items | ↻ | Create ▼ | Selected Items |

| 🔍 Read   ✕ |

| 🗂 studs |
| 📖 Read_Books |

28. in user profiles select system admnistrator

Save an finish

29. to see application created =>click on app launcher=> serach your application LMS