

**Title :** Design and develop custom Application (Mini Project) using Salesforce Cloud.

**Name :** - Sakshi Dilip Gapat

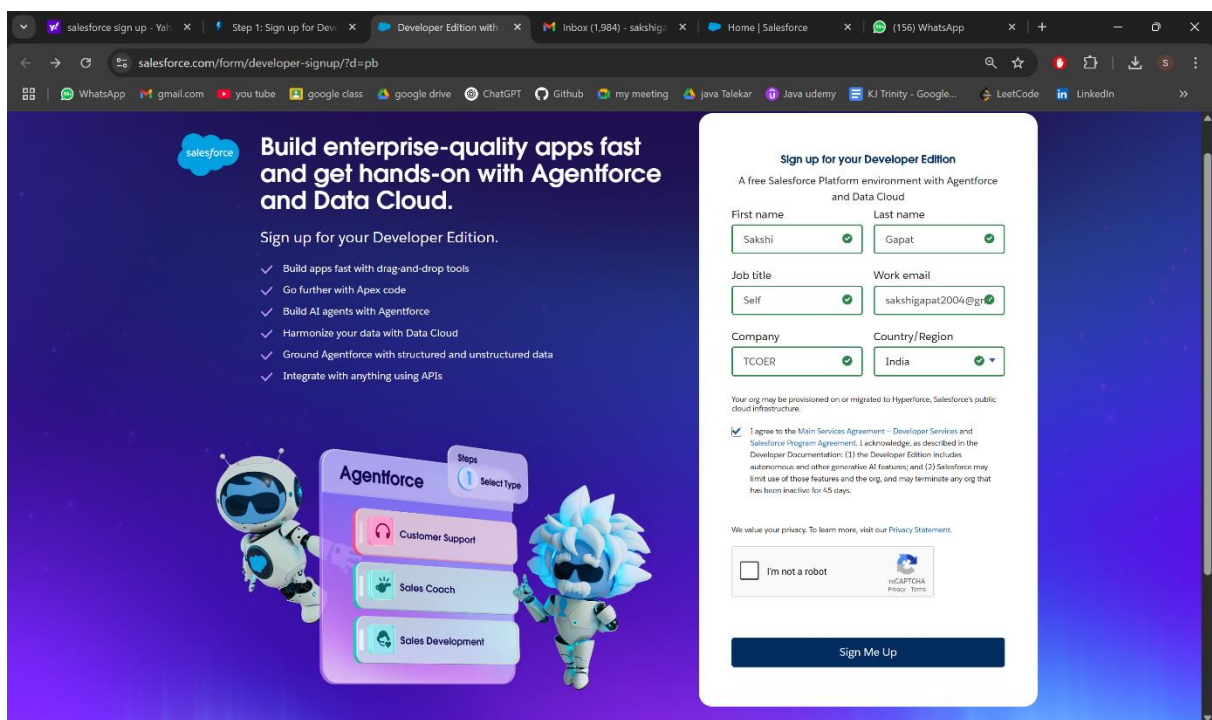
**Roll No. :** - C03017

**Class :** - TE Computer

**Subject :** - Cloud Computing

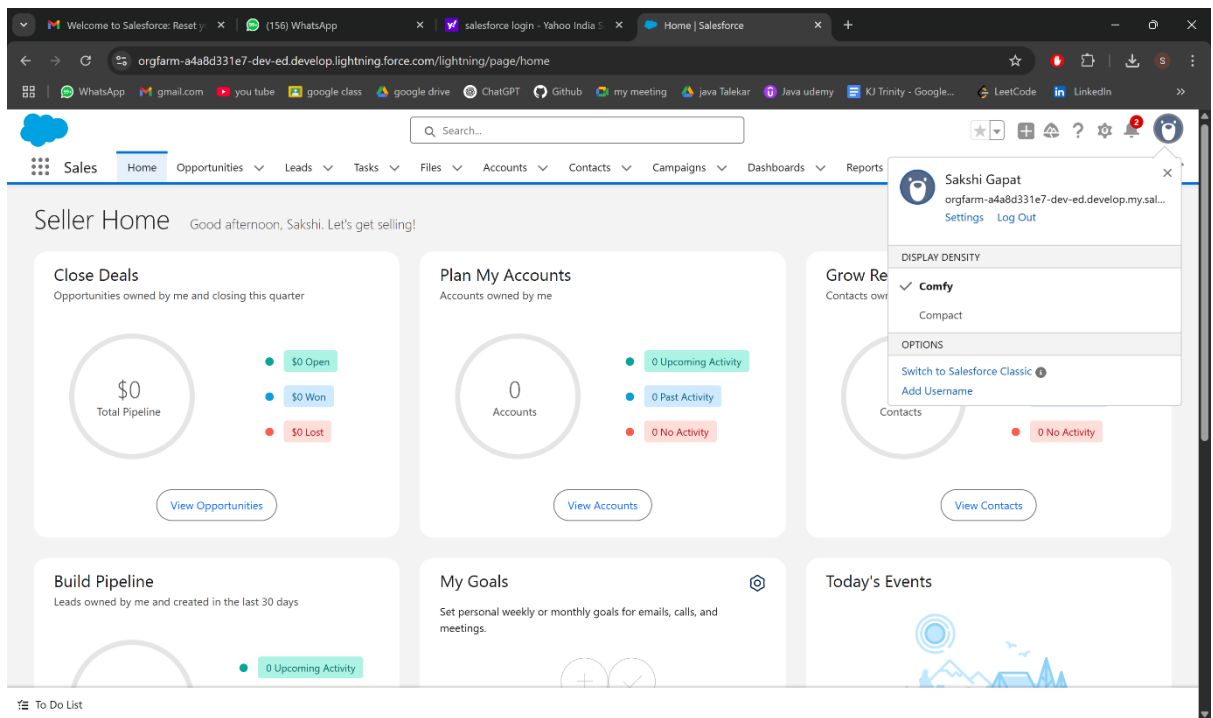
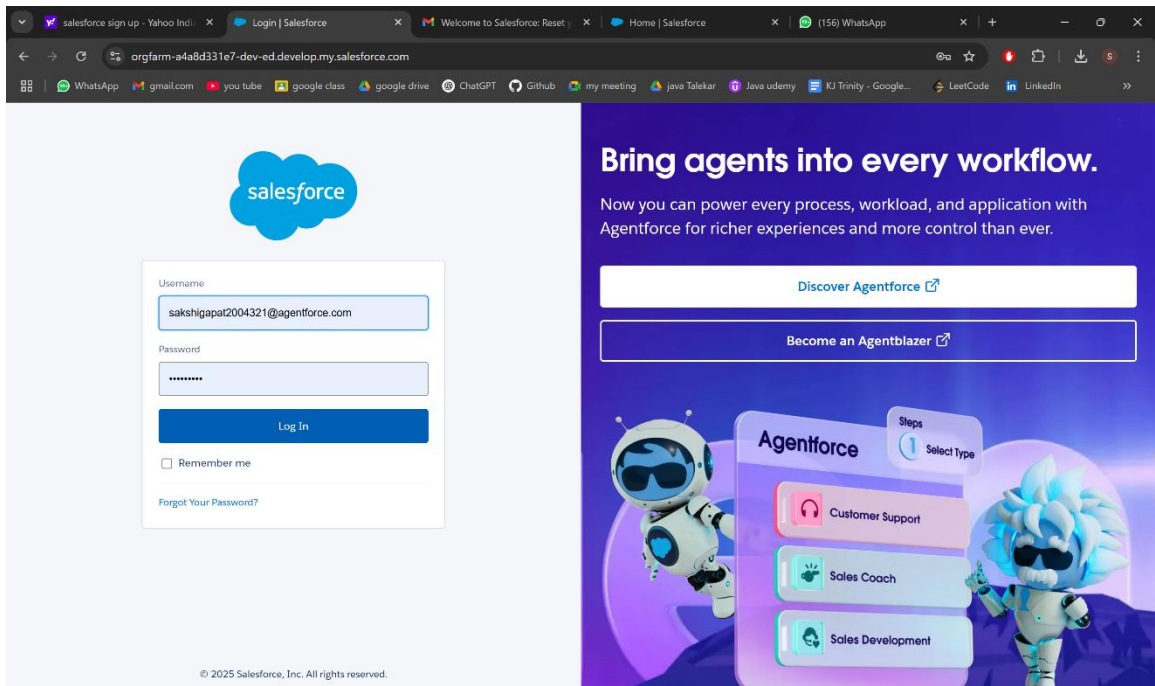
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**\* Step 1 :** Create new org: <https://developer.salesforce.com/signup>

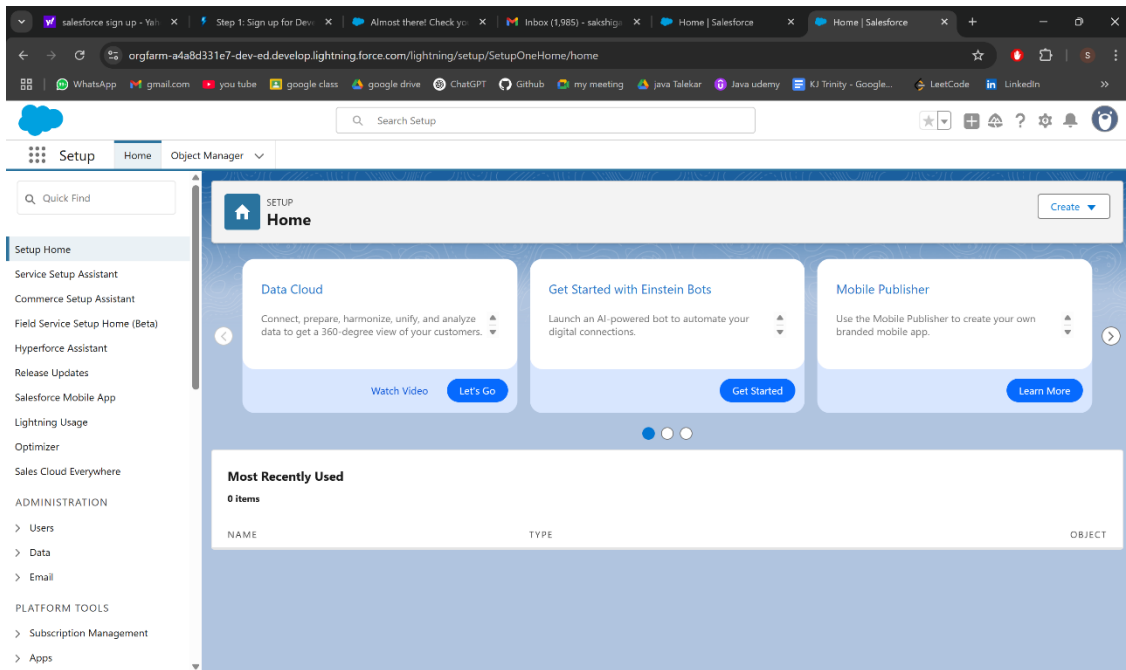


**Step 2 :** After signup, logging using following URL <https://login.salesforce.com/>

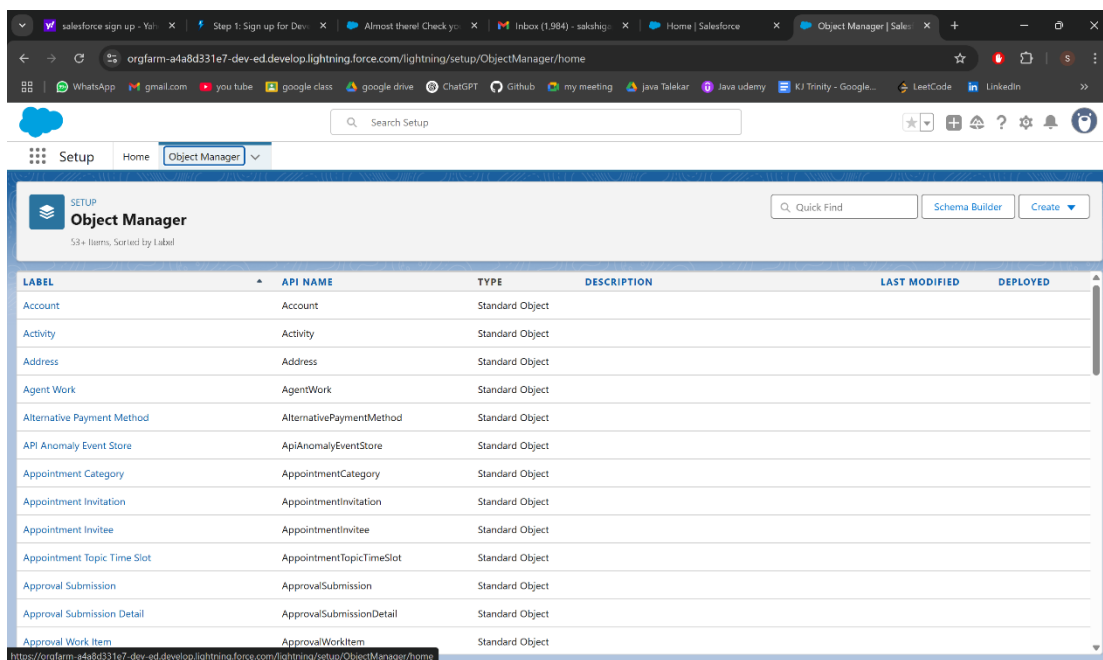
**Step 3 :** Login Page (Enter your credential to login)



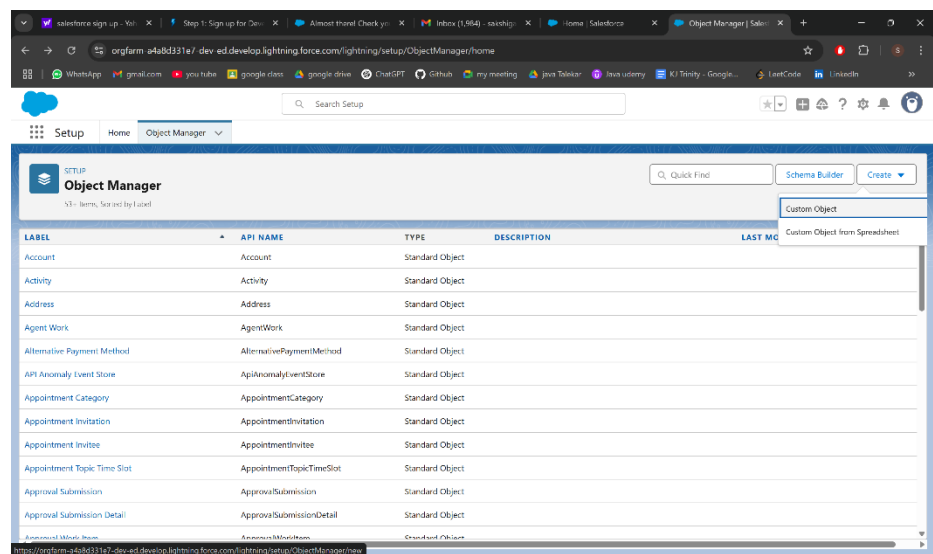
## Step 3a : Open salesforce in Lightning Experience



## Step 3b : Click on Object Manager



### Step 3c : Click on Create → Custom Object



### Step 3d : Create new Custom objects here named Books

**Setup** | Home | Object Manager

## SETUP New Custom Object

Help for this Page

Permissions for this object are disabled for all profiles by default. You can enable object permissions in permission sets or by editing custom profiles. [Tell me more!](#) [Don't show this message again](#)

**Custom Object Definition Edit** [Save] [Save & New] [Cancel]

**Custom Object Information** ! Required Information

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

Label  Example: Account

Plural Label  Example: Accounts

Starts with vowel sound ☐

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

Object Name  Example: Account

Description

Context-Sensitive Help Setting ☒ Open the standard Salesforce.com Help & Training window ☐ Open a window using a Visualforce page

Content Name

**Step 3e :** Go to Field and Relationships field of these objects and create new Relational fields

For book → Author name(20)

**SETUP > OBJECT MANAGER Book**

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 | Object Access | Triggers

5 Items, Sorted by Field Label

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Author name	Author_name__c	Text(20)		
Book Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User, Group)		✓

SETUP > OBJECT MANAGER

## Book

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

Object Access

Tristate

### New Custom Field

Step 2. Enter the details

Field Label

Please enter the maximum length for a text field below.

Length

Field Name

Description

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

Auto add to custom report type ☒ Add this field to existing custom report types that contain this entity

## Step 3f : Create new Custom Tags for application

SETUP

## Tags

### Custom Tabs

You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Action	Label	Tab Style	Description
<a href="#">Edit</a> <a href="#">Del</a>	Books	Books	

**Web Tabs**

No Web Tabs have been defined

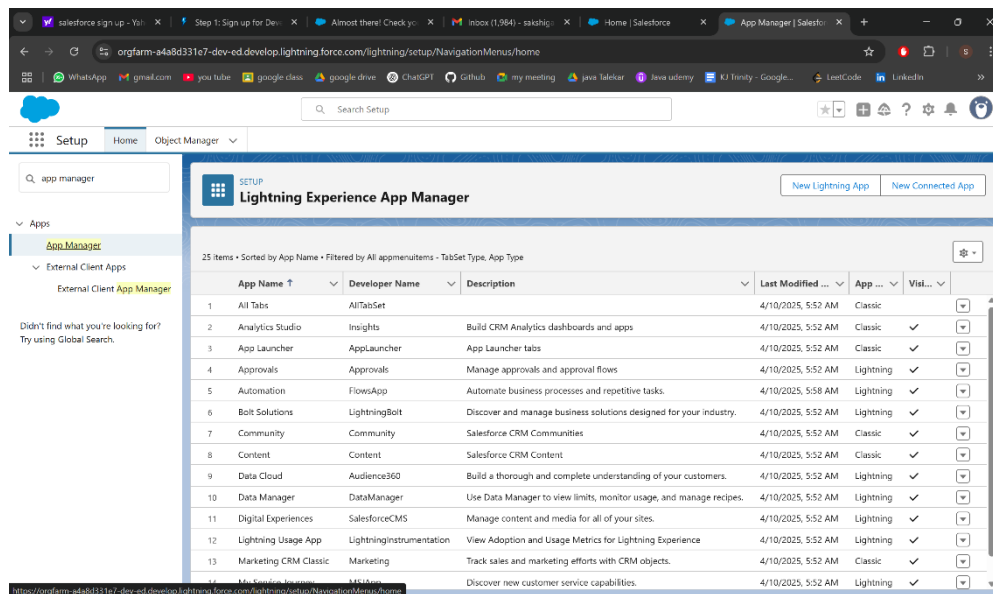
**Visualforce Tabs**

No Visualforce Tabs have been defined

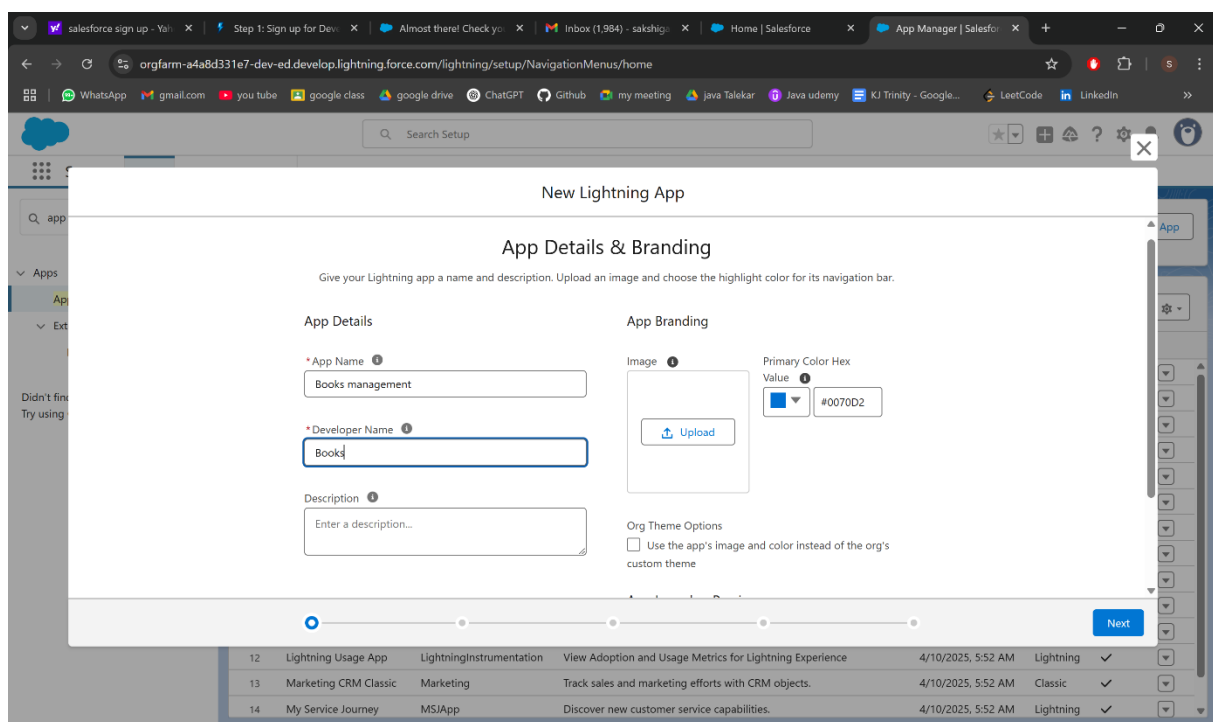
**Lightning Component Tabs**

No Lightning component tabs have been defined

## Step 3g : Navigate to App Manager and Click New Lightning App

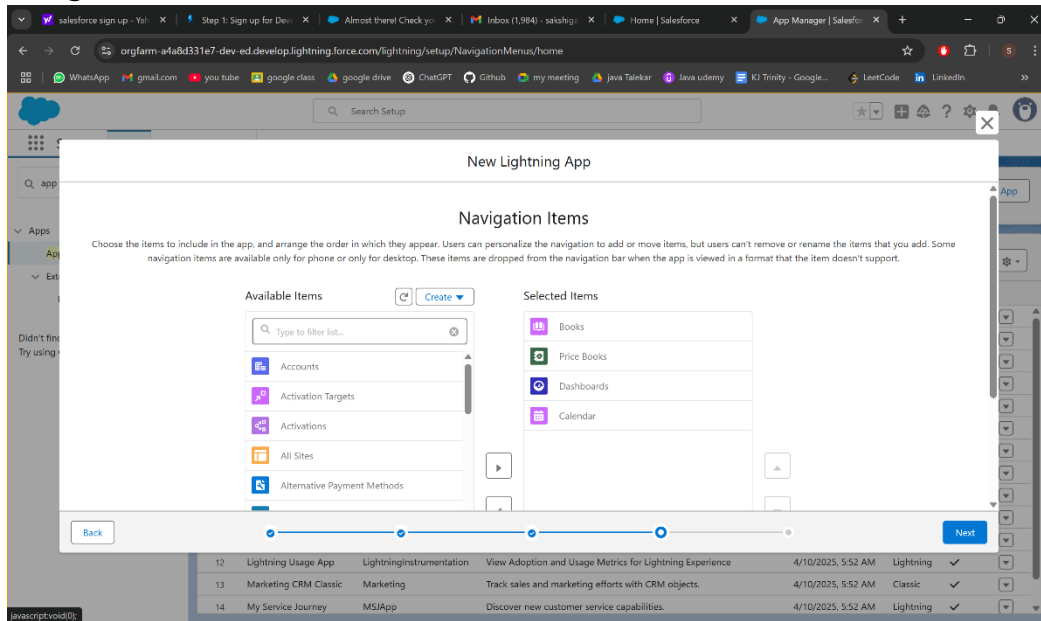


**Step 3h : Fiend necessary fields and click next till Navigation Items**

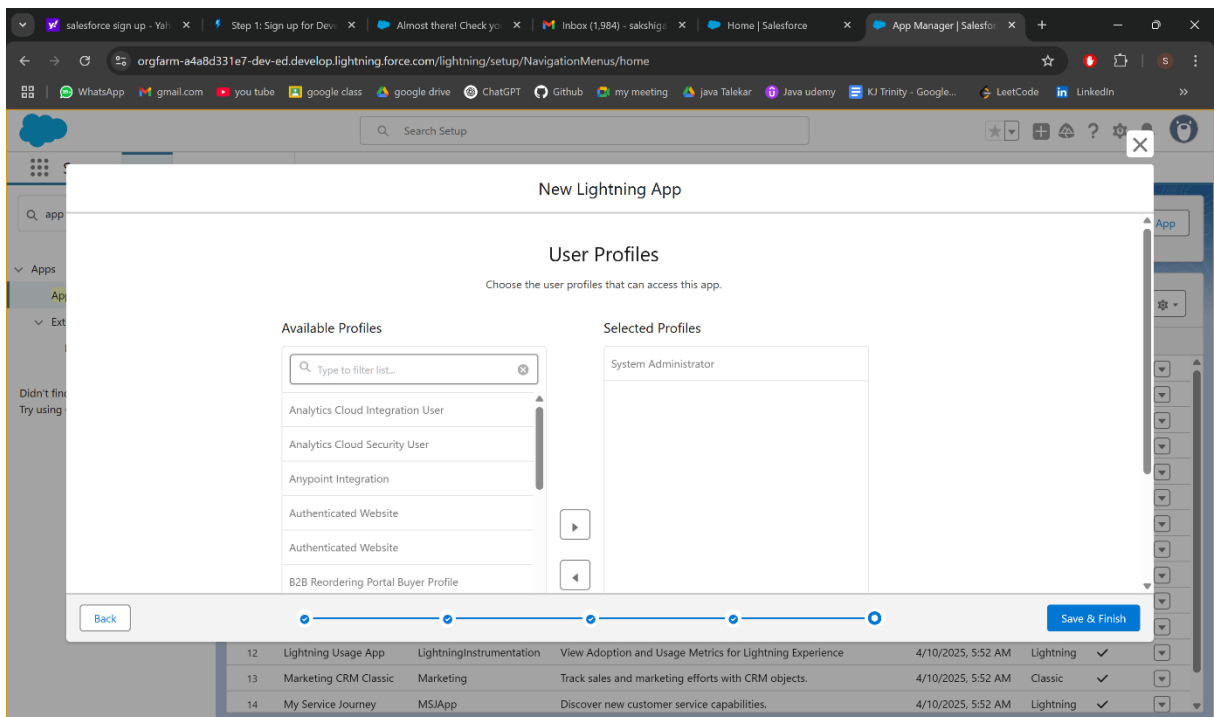


**Step 3i : Add Books, Price Books, Dashboard and Calender section in**

## Navigation Items and Click Next

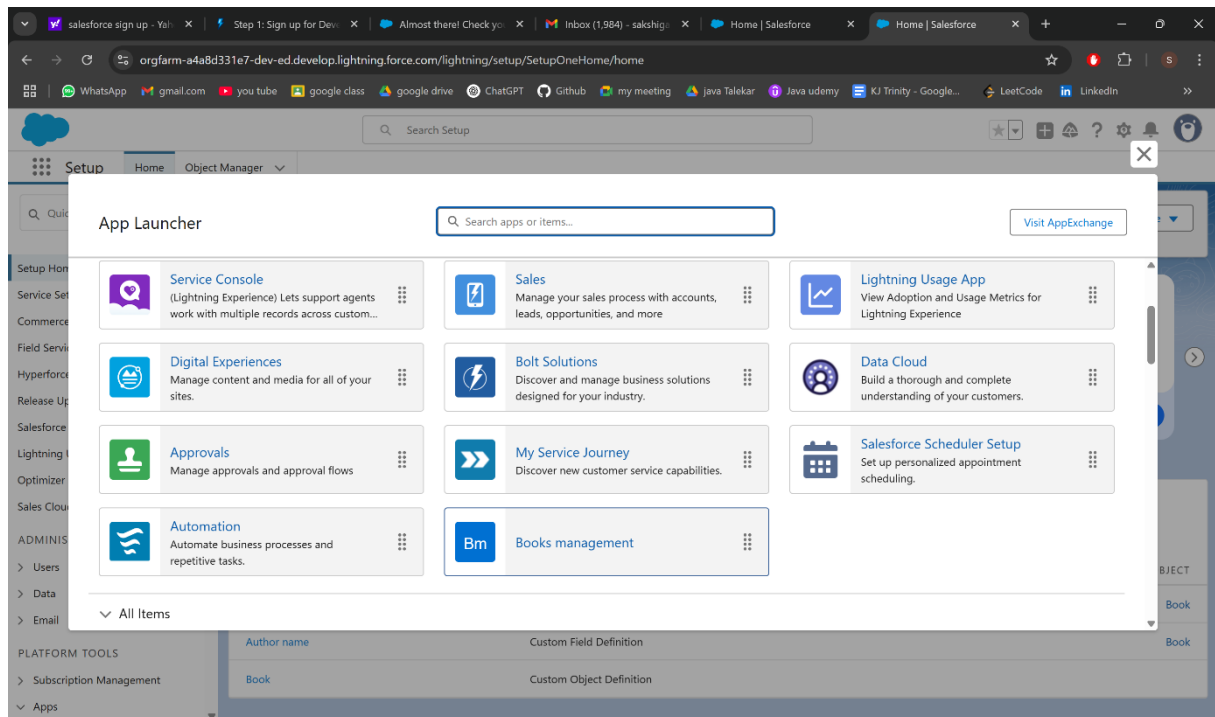
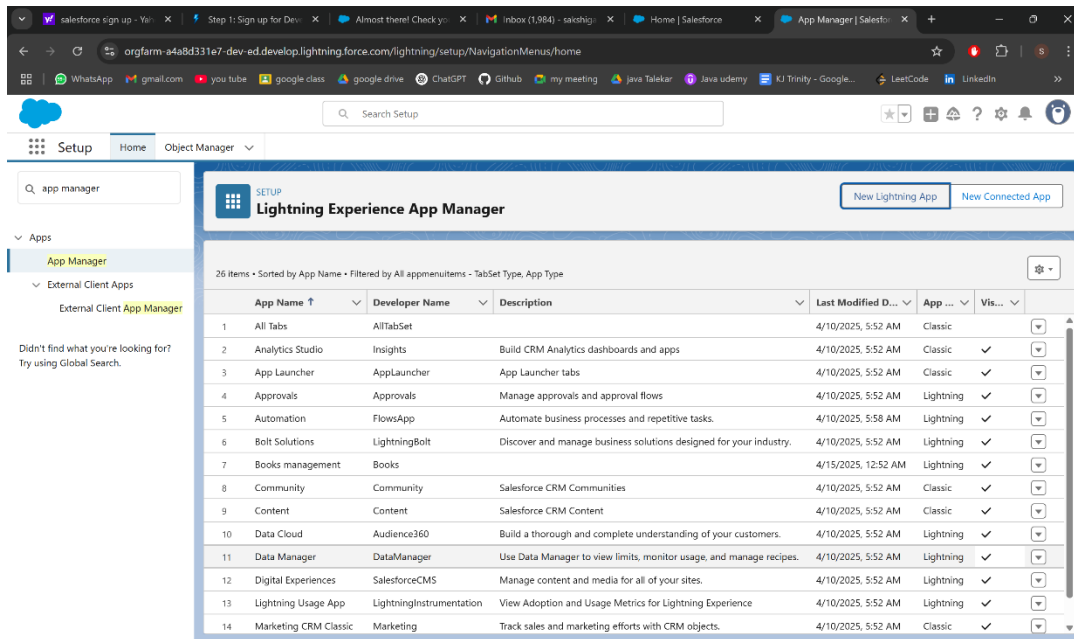


**Step 3j :** Add System Administrator as User Profiles and Click Save & Finish.



**Step 3k :** Now Navigate to your newly created Salesforce app  
here Books Management





**Step 31 :** Now create new fields and enjoy managing the app

salesforce sign up - Yah... x Step 1: Sign up for Dev... x Almost there! Check yo... x Inbox (1,984) - sakshig... x Home | Salesforce x New Book | Salesforce x +

orgfarm-a4a8d331e7-dev-ed.develop.lightning.force.com/lightning/o/Book\_c/new?count=1&nooverride=1&useRecordTypeCheck=1&navigationLocation=LIST\_VIEW&ui...

Books management Books Dashboards Calendar

Books

Recently Viewed

0 items • Sorted by Book Name • Updated a few seconds ago

New Import Change Owner Assign Label

Information

\* Book Name Book17

Owner Sakshi Gapat

\* Author name Sakshi Gapat

Cancel Save & New Save

You haven't viewed any Books recently.  
Try switching list views.

salesforce sign up - Yah... x Step 1: Sign up for Dev... x Almost there! Check yo... x Inbox (1,984) - sakshig... x Home | Salesforce x Book17 | Book | Salesforce x +

orgfarm-a4a8d331e7-dev-ed.develop.lightning.force.com/lightning/r/Book\_c/a00gL000003CrIBQAS/view

Books management Books Dashboards Calendar

Book Book17

New Contact Edit New Opportunity

Related Details

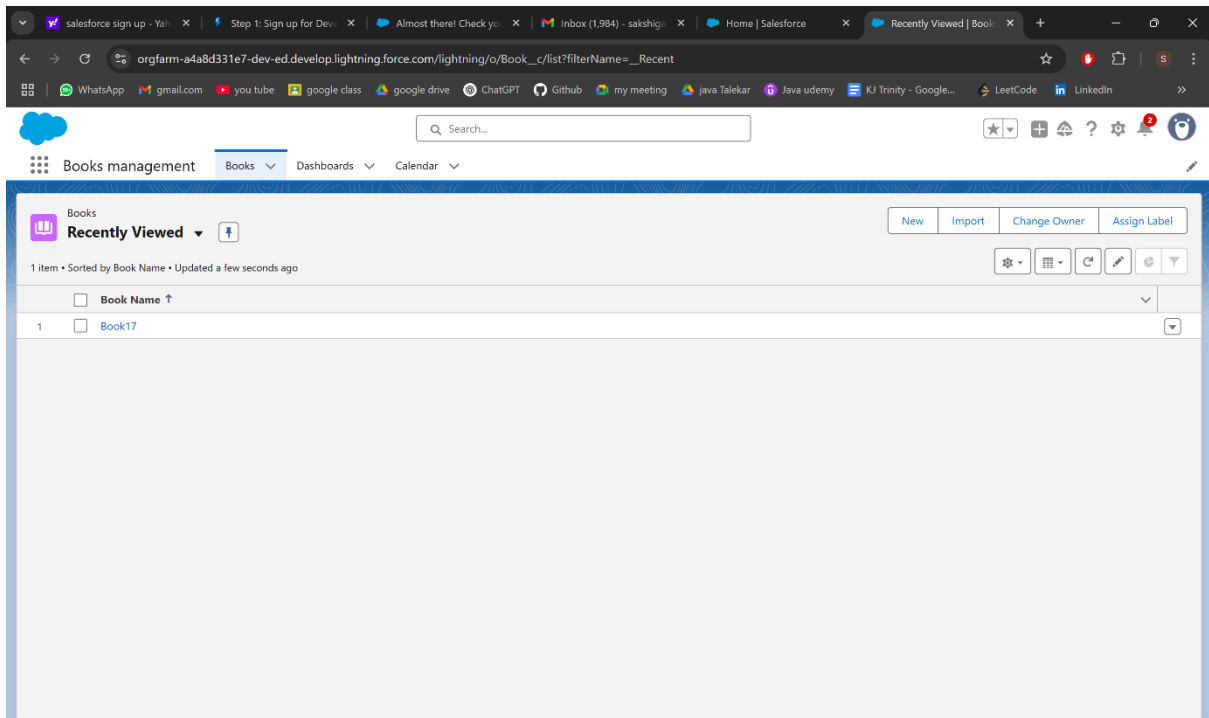
Book Name Book17

Author name Sakshi Gapat

Created By Sakshi Gapat, 4/15/2025, 12:57 AM

Owner Sakshi Gapat

Last Modified By Sakshi Gapat, 4/15/2025, 12:57 AM



**Conclusion :** Successfully Designed and developed custom Application (Mini Project) using Salesforce Cloud.