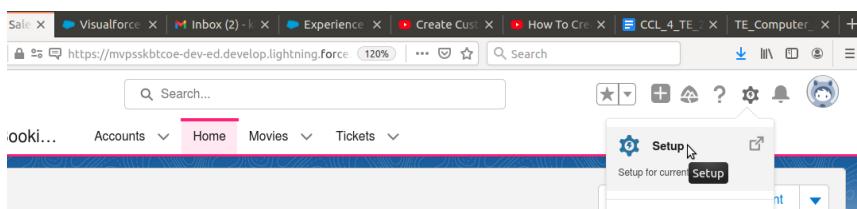


LP-II : CC Ass.4 :

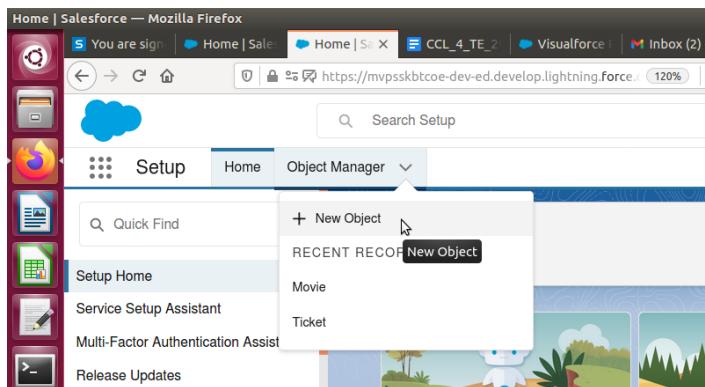
Design and develop custom Application (Mini Project) using Salesforce Cloud.

Steps :

1. Go to Setup Console :



2. Under Object Manager Tab, Click New Object to create Custom Objects.



3. Enter the details of the Object. Here, I've created Ticket Object for Movie Ticket Booking System.

The screenshot shows the 'Object Manager' configuration page for the 'Ticket' object. The left sidebar has icons for Setup, Home, and Object Manager. The main form fields are:

- Label:** Ticket (Example: Account)
- Plural Label:** Tickets (Example: Accounts)
 Starts with vowel sound
- Object Name:** Ticket (Example: Account)
- Description:** This Object stores the ticket details.
- Context-Sensitive Help Setting:**
 Open the standard Salesforce.com Help & Training window
 Open a window using a Visualforce page
- Content Name:**
- Enter Record Name Label and Format:**
The Record Name appears in page layouts, key lists, related lists, backups, and search results. For example, the Record Name for Account is "Acco API".
Record Name: Ticket ID (Example: Account Name)
Data Type: Text

4. Save the object and add fields into it.

FIELD LABEL	FIELD NAME	DATA TYPE
Created By	CreatedBy	Lookup(User)

5. For ex. I need a Name field for the ticket hence, selected the text datatype.

DATA TYPE	DESCRIPTION
Email	Send an Email. Note that custom email addresses cannot be used for mass emails.
Geolocation	Allows users to define locations. Includes latitude and longitude components, and can be used to calculate distance.
Number	Allows users to enter any number. Leading zeros are removed.
Percent	Allows users to enter a percentage number, for example, '10' and automatically adds the percent sign to the number.
Phone	Allows users to enter any phone number. Automatically formats it as a phone number.
Picklist	Allows users to select a value from a list you define.
Picklist (Multi-Select)	Allows users to select multiple values from a list you define.
Text	Allows users to enter up to 255 characters on separate lines.
Text Area	Allows users to enter up to 131,072 characters on separate lines.
Text Area (Long)	Allows users to enter up to 131,072 characters on separate lines.

6. Click Next, Next, enter the field details and click Save.

7. These are the fields I've added for the Ticket Object.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Name	Name__c	Text(100)		
Owner	OwnerId	Lookup(User,Group)	✓	
Price	Price__c	Currency(16, 2)		
Ticket ID	Name	Text(80)	✓	
Time	Time__c	Date/Time		

8. Similarly, I've created another object called Movie.

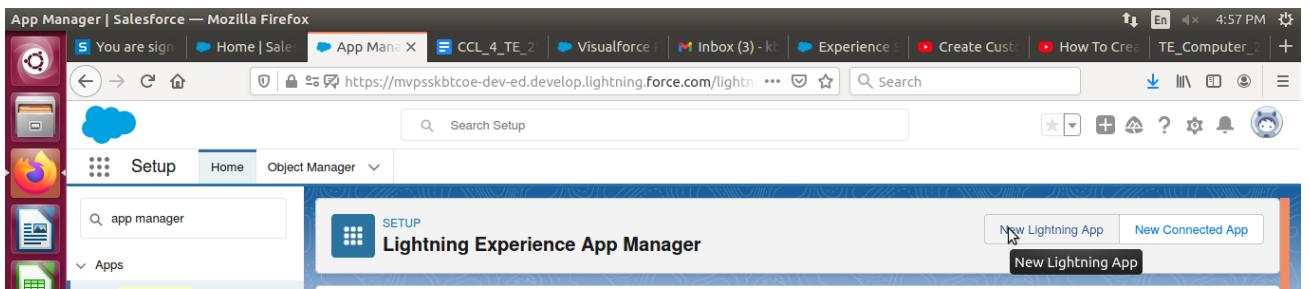
FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Created By	CreatedById	Lookup(User)		
Date	Date__c	Date/Time		
Last Modified By	LastModifiedById	Lookup(User)		
Movie ID	Name	Text(80)	✓	
Name	Name__c	Text(100)		
Owner	OwnerId	Lookup(User,Group)	✓	
Theatre Room No.	Theatre_Room_No__c	Number(18, 0)		

9. Now, Search for Tabs and add the newly created Custom Objects.

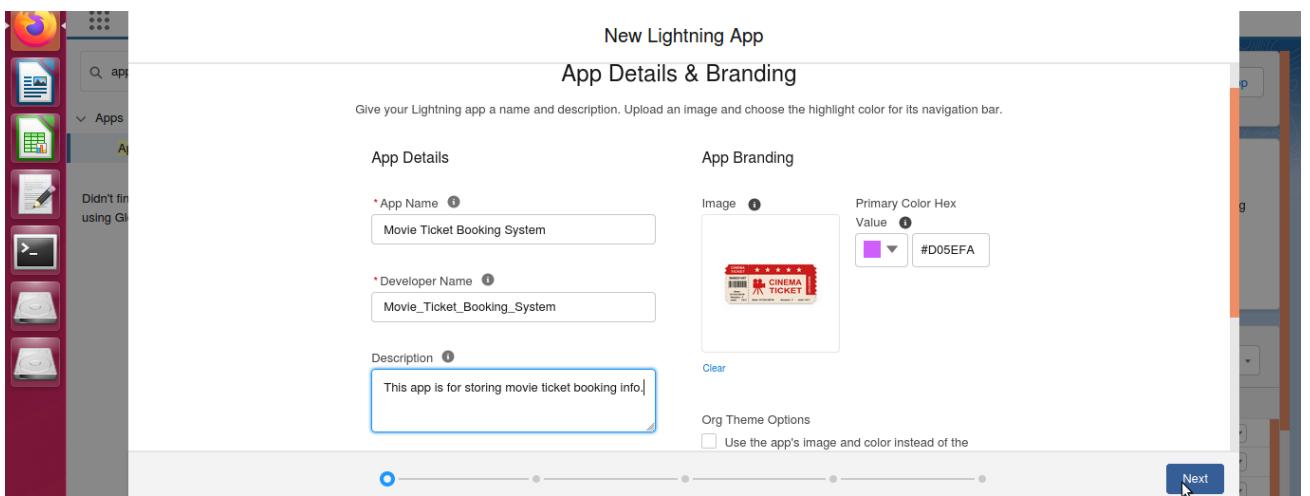
Action	Label	Tab Style
Edit Del	Movies	Star
Edit Del	Tickets	Ticket

Action	Label	Tab Style
New	What Is This?	

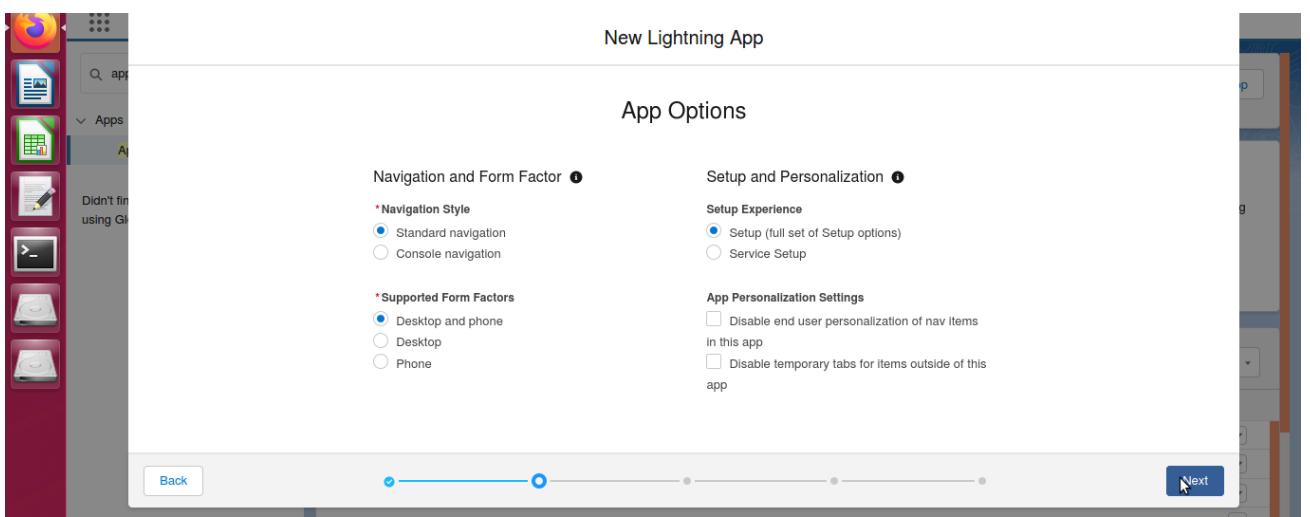
10. Now, search for the App Manager and create a new Lightning App.



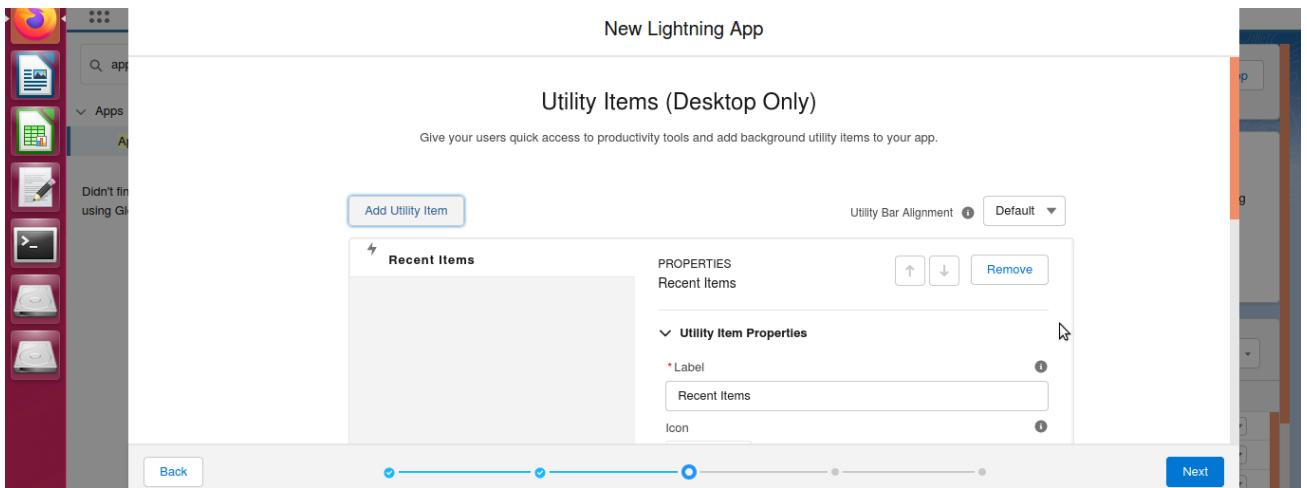
11. Add the details for the app.



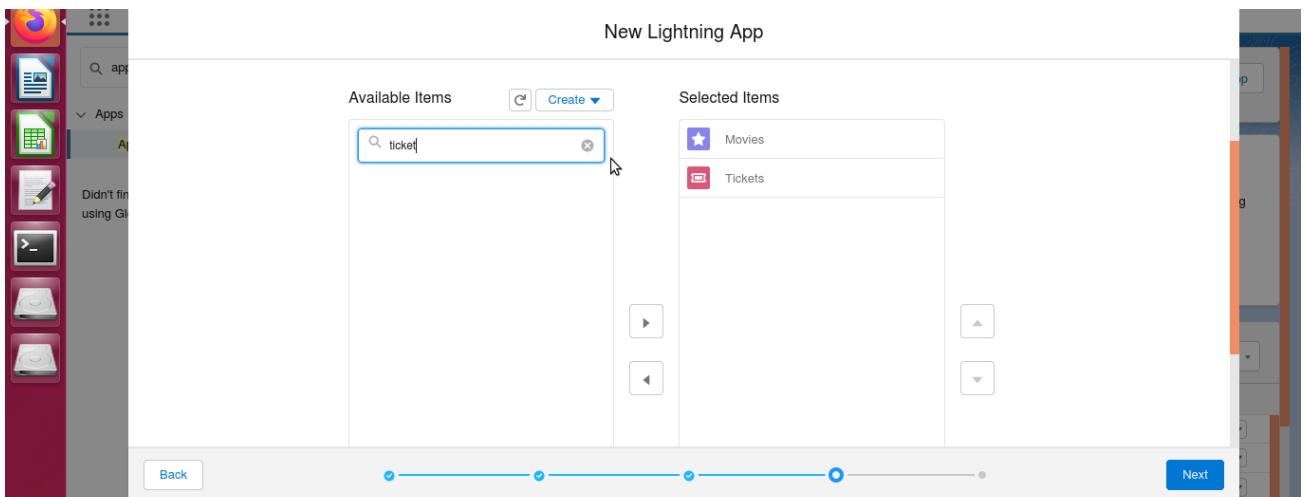
12. Select the default settings and click Next.



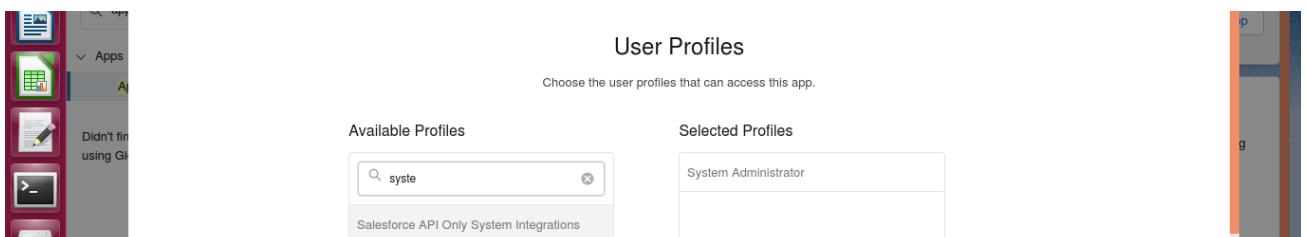
13. Add some utilities for your app (optional).



14. Add the Custom Objects to the app.



15. Add System Administrator in the User Profiles, for the app to be visible to us.



16. In the App Manager, click Edit, to add pages to the newly created app.

The screenshot shows the Salesforce App Manager interface. On the left is a vertical sidebar with icons for various apps like Community, Content, Data Manager, etc. The main area displays a table of 14 items, each representing an app with columns for App Name, Developer Name, Description, Last Modified Date, and Type (Classic or Lightning). A context menu is open over the 14th row, with 'Edit' highlighted.

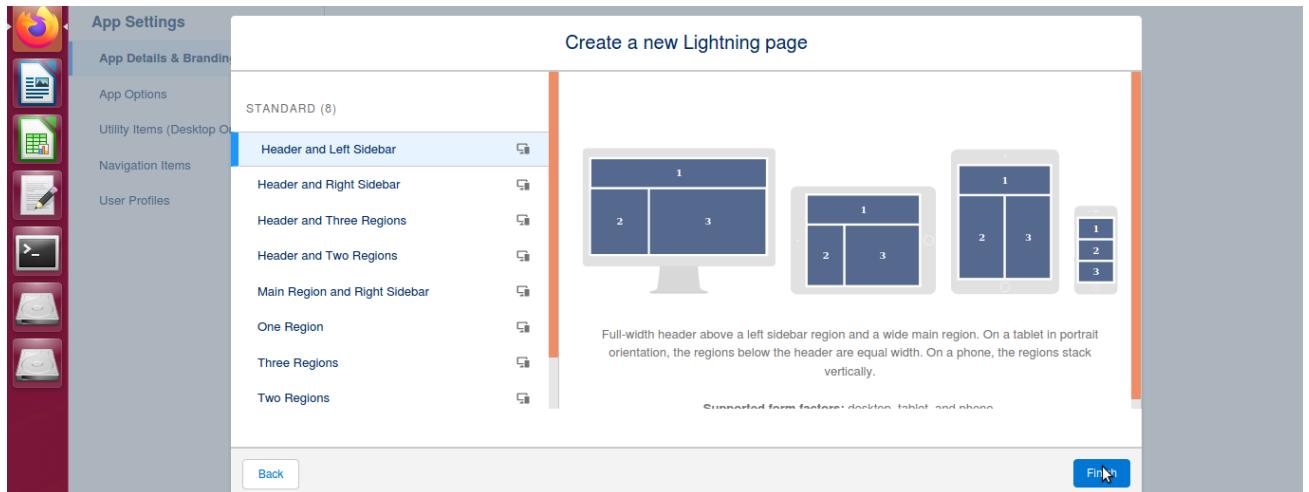
17. Create a new page (optional).

The screenshot shows the Lightning App Builder interface in a browser. The left sidebar has 'App Settings' selected, with 'App Details & Branding' active. In the main area, under 'PAGES BY TYPE', there is a list of existing pages: 'Home' and 'Branding'. A 'New Page' button is highlighted with a cursor. To the right, there are color selection tools and a primary color hex value (#FD2076).

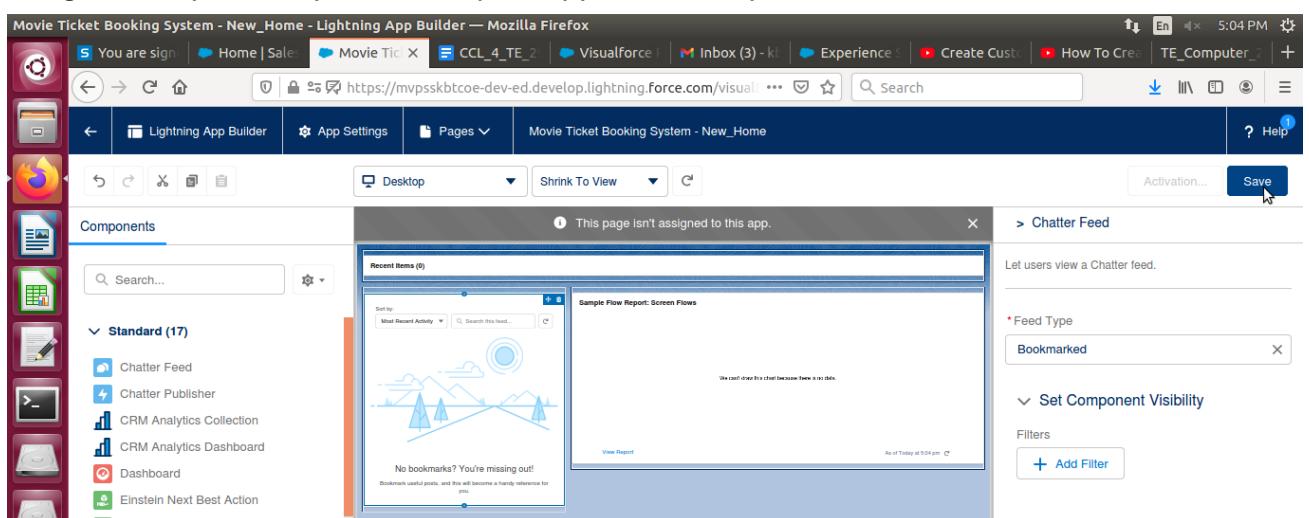
18. Select the page type.

The screenshot shows the 'Create a new Lightning page' dialog box. The left sidebar of the main window shows 'App Settings' with 'App Details & Branding' selected. The dialog box has 'App Page' selected as the page type. It includes a preview section showing a mobile phone and a desktop screen displaying a dashboard with a pie chart labeled '1.8M'. Below the preview, a note says 'This app emulates a movie ticket booking system.' At the bottom right of the dialog is a 'Next' button.

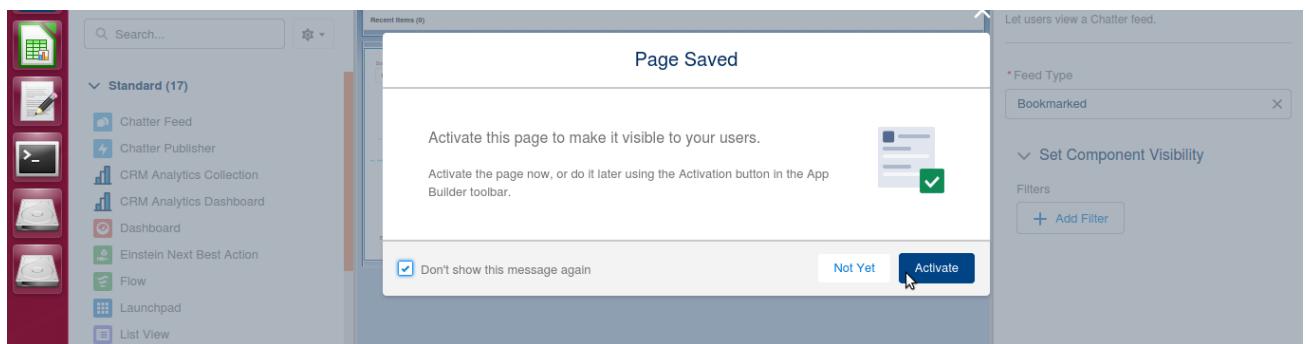
19. Add a label, select the UI config for our page and click Next.



20. Drag and drop UI components on your app's screen (optional) and click Save.

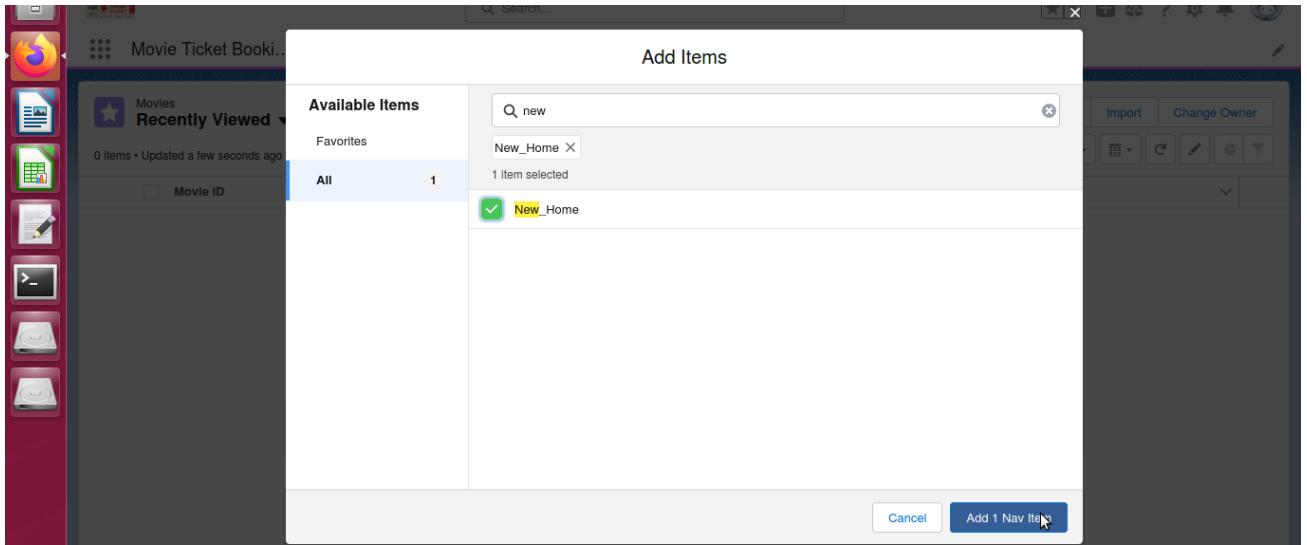


21. Click Activate to deploy the page.

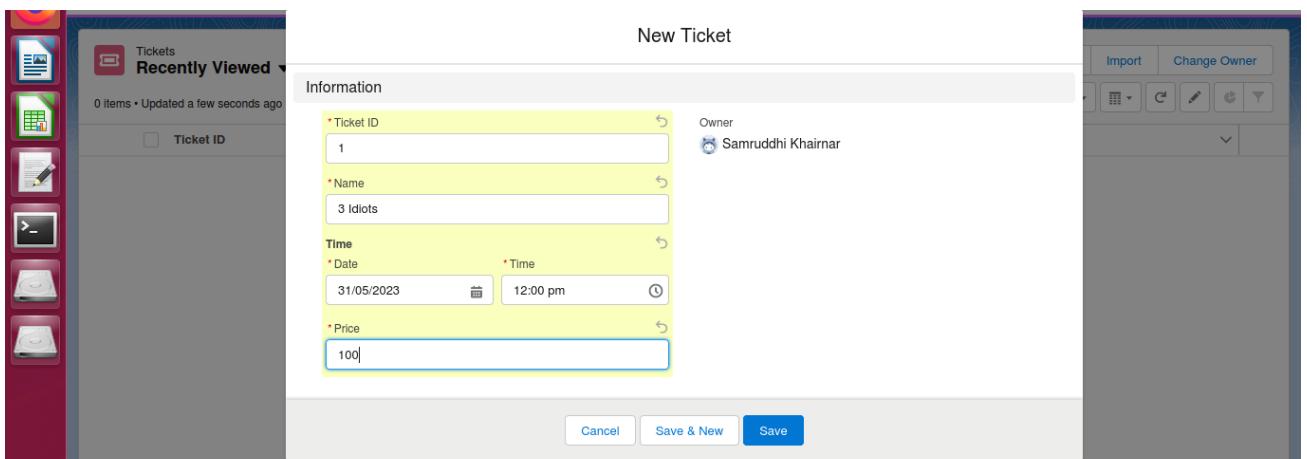
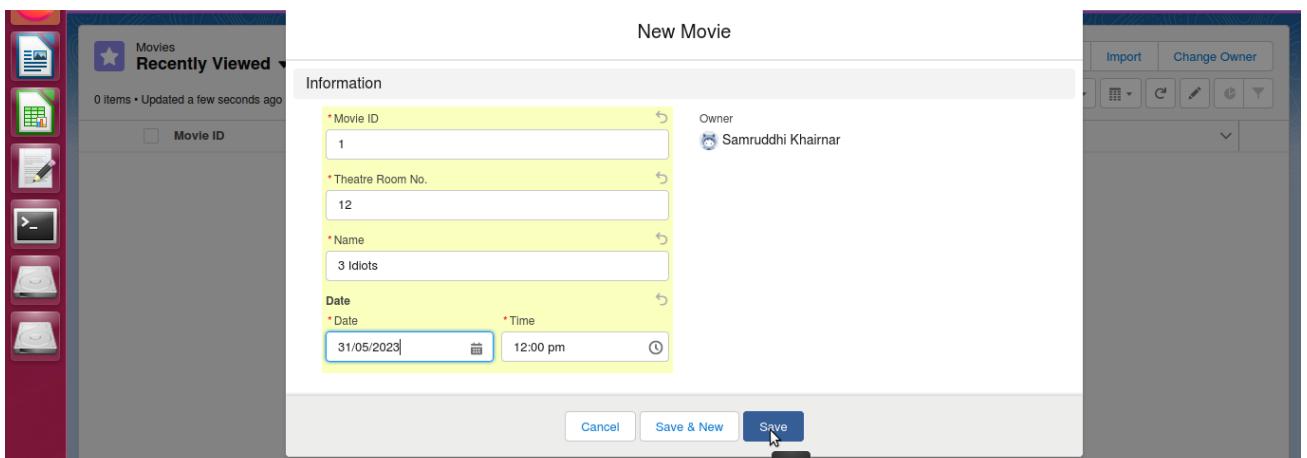


22. Activate for all users -> Finish -> Save.

23. Search for your app in the menu. On the top bar, click the Edit icon and select the newly created page.



24. Enter a few records in the Custom Object Tabs.



25. See the entered records. Optionally, certain fields might be added in the objects, to implement some business logic.

The screenshot shows a Mozilla Firefox browser window with multiple tabs open, including several Salesforce-related tabs. The main content area displays a Salesforce Lightning record detail page for a 'Movie' object. The page has a header with a star icon and the number '2'. Below the header, there are two tabs: 'Related' and 'Details', with 'Details' being the active tab. The 'Details' tab contains the following fields and their values:

Field	Value
Movie ID	2
Theatre Room No.	2
Name	RRR
Date	30/05/2023, 12:00 pm
Created By	Samruddhi Khairnar , 20/05/2023, 5:11 pm
Owner	Samruddhi Khairnar
Last Modified By	Samruddhi Khairnar , 20/05/2023, 5:11 pm

At the bottom left of the page, there is a 'Recent Items' section with a trash can icon. The browser's address bar shows the URL: <https://mvpskbtcoe-dev-ed.lightning.force.com/lightning>. The top right corner of the browser window shows the time as 5:11 PM.