

AIRLINES MANAGEMENT SYSTEM

Team ID : LTVIP2024TMID11598

Team Size : 4

Team Leader : P HARIPRASATH

Airlines Management System

Hardware Required:

laptops

System Required:

Windows 8 machine Install with two web browser Bandwidth of 30mbps

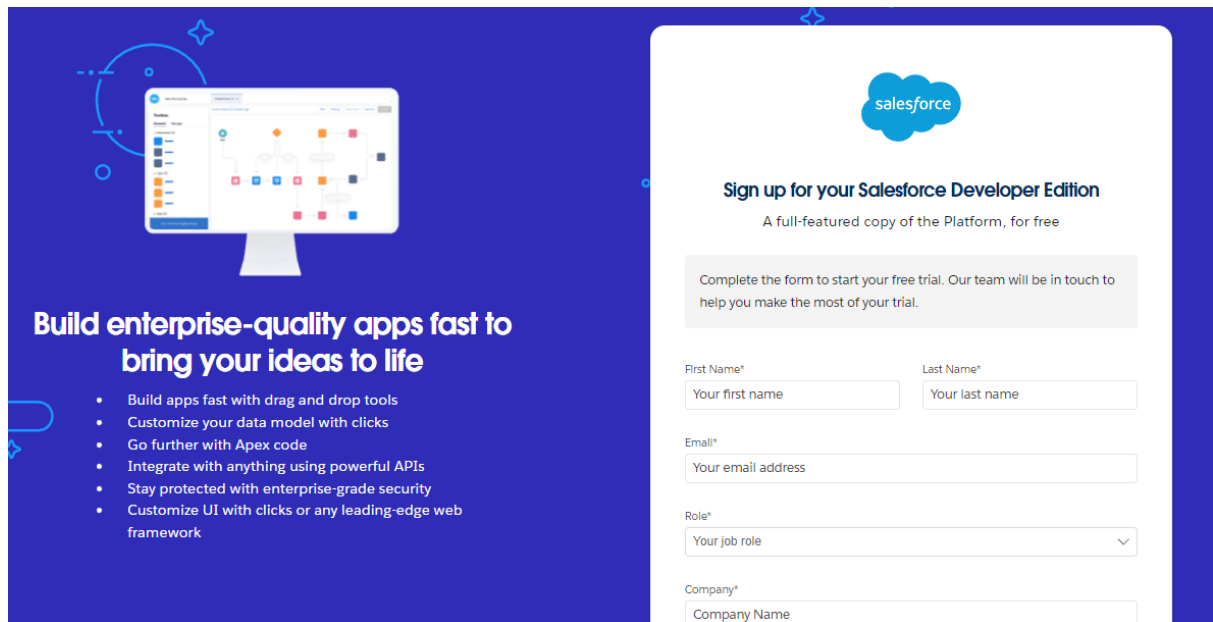
This project aims to enhance the efficiency and effectiveness of managing flights, reservations, and passenger information. The system enables airlines to manage their fleet, schedule flights, allocate seats, and handle bookings seamlessly. It provides functionalities for ticket reservations, seat availability checks, passenger check-ins, and baggage handling. Additionally, the system facilitates communication between airlines, airports, and passengers through automated notifications and alerts. With its user-friendly interface and robust database management, the Airlines Management System optimizes workflow, improves customer satisfaction, and ensures smooth operations for the entire airline industry.

SALESFORCE

Creating Developer Account

Creating a developer org in salesforce.

1. Go to <https://developer.salesforce.com/signup>
2. On the sign up form, enter the following details :

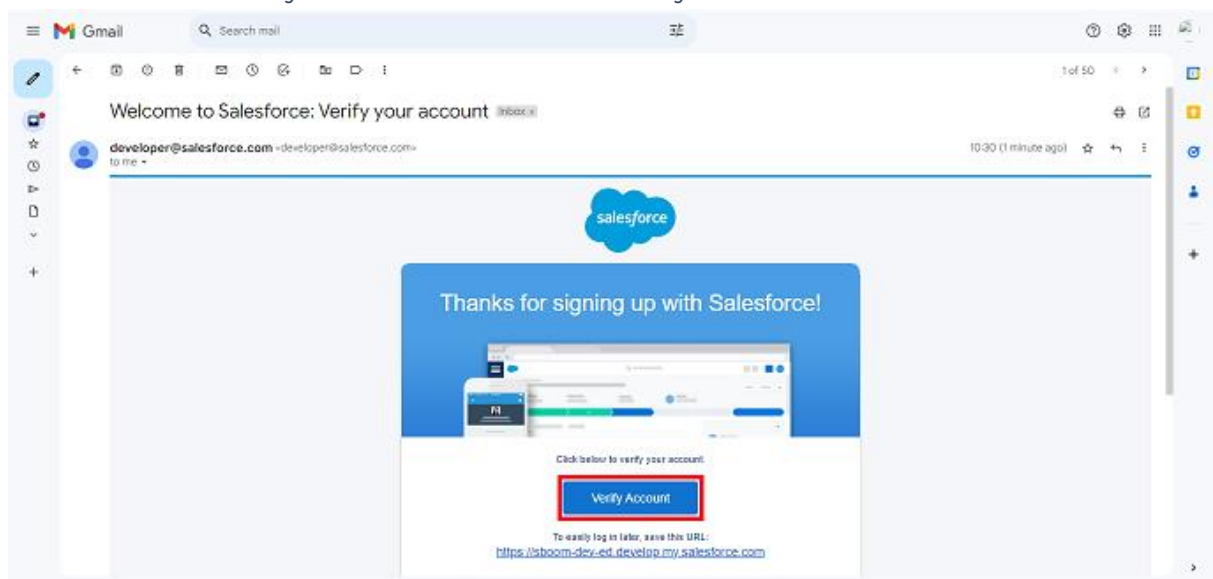


1. First name & Last name
2. Email
3. Role : Developer
4. Company : College Name
5. Country : India
6. Postal Code : pin code
7. Username : should be a combination of your name and company

This need not be an actual email id, you can give anything in the format : username@organization.com
Click on sign me up after filling these.

Account Activation

1. Go to the inbox of the email that you used while signing up. Click on the verify account to activate your account. The email may take 5-10mins.



2. Click on Verify Account
3. Give a password and answer a security question and click on change password.

Change Your Password

Enter a new password for **lead@sb.oom**.
Make sure to include at least:

- ✓ 8 characters
- ✓ 1 letter
- ✓ 1 number

* New Password

 Good

* Confirm New Password

 Match

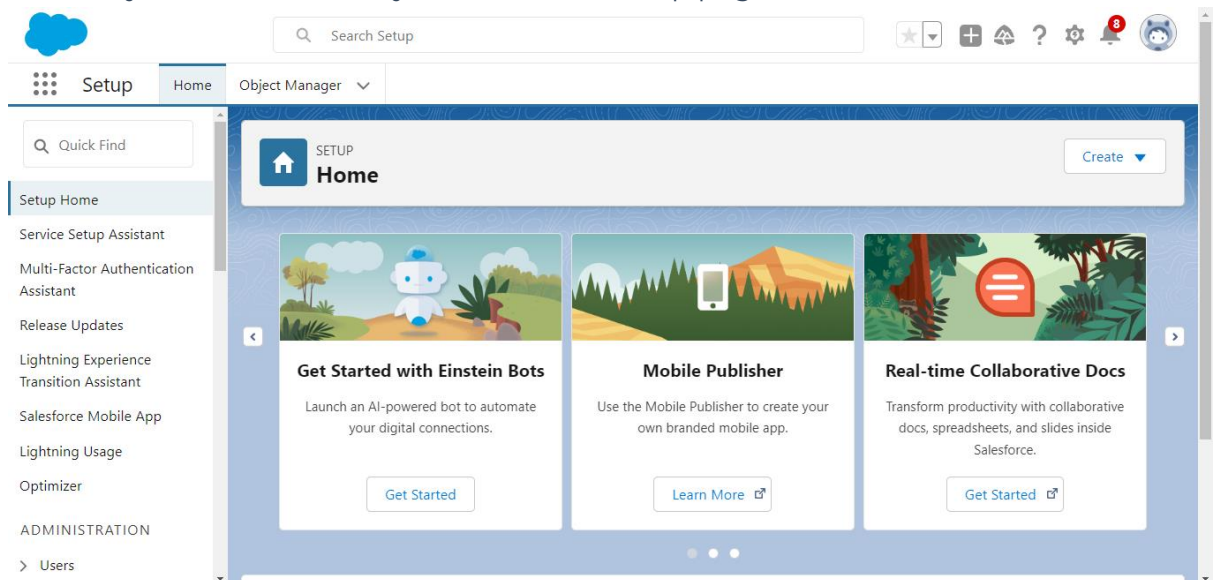
Security Question

▼ In what city were you born?

* Answer

Change Password

4. Then you will redirect to your salesforce setup page.

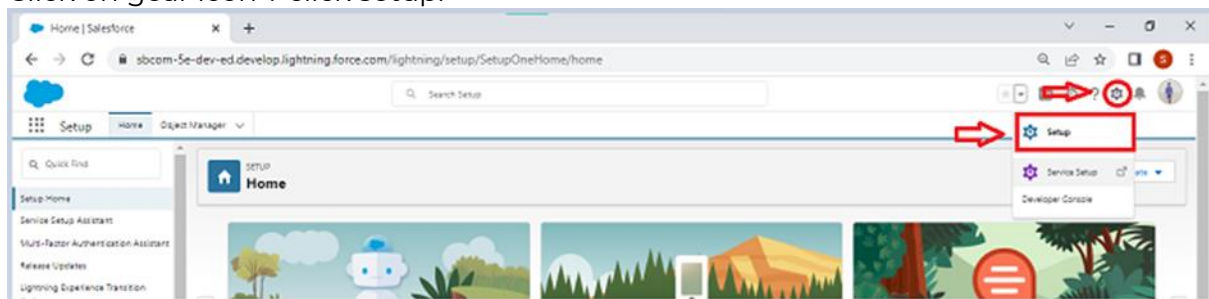


OBJECT

Use Case:

Creating an object in Salesforce organization is essential for efficient data management and process automation. By defining custom objects, businesses can structure and store data specific to their needs, enabling streamlined workflows, personalized reporting, and enhanced user experiences. Objects serve as the foundation for organizing and leveraging critical information within Salesforce. As an Admin for The Air India airlines, It's your responsibility to store the data as per the organization needs.

To Navigate to Setup page:
Click on gear icon ? click setup.



Create Flight Object

The purpose of creating a Flight custom object is to have a clear picture of the flight details.

To create an object:

1. From the setup page --> Click on Object Manager --> Click on Create --> Click on Custom Object.



1. Enter the label name--> Flight
2. Plural label name--> Flights
3. Enter Record Name Label and Format
 - Record Name : Flight Name
 - Data Type : Text

SETUP
New Custom Object

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

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

Enter Record Name Label and Format


The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Record Name".

Record Name Example: Account Name

Data Type

2. Click on Allow reports,
3. Allow search --> Save.

Optional Features

☒ Allow Reports 

☐ Allow Activities

☐ Track Field History

☐ Allow in Chatter Groups

☐ Enable Licensing [Learn more](#)

Object Classification

When these settings are enabled, this object is classified as an Enterprise Application object. When these settings are disabled, this object is classified as a Light Application object. [Learn more](#)

☒ Allow Sharing

☒ Allow Bulk API Access

☒ Allow Streaming API Access


Deployment Status [What is this?](#)

☐ In Development

☒ Deployed

Search Status


When this setting is enabled, your users can find records of this object type when they search. [Learn more](#)

☒ Allow Search 

Object Creation Options (Available only when custom object is first created)

☐ Add Notes and Attachments related list to default page layout

☐ Launch New Custom Tab Wizard after saving this custom object

Save Save & New Cancel 

Create Booking Object

The purpose of creating a Booking object is to have detailed information about booking and reservation of the passengers.

To create an object:

1. From the setup page --> Click on Object Manager --> Click on Create --> Click on Custom Object.
 1. Enter the label name--> Booking
 2. Plural label name--> Bookings
 3. Enter Record Name Label and Format
 - Record Name : Booking Id
 - Data Type : Auto Number
 - Display Format : Bk-{0000}
 - Starting Number : 1
2. Click on Allow reports,
3. Allow search --> Save

Activity 3

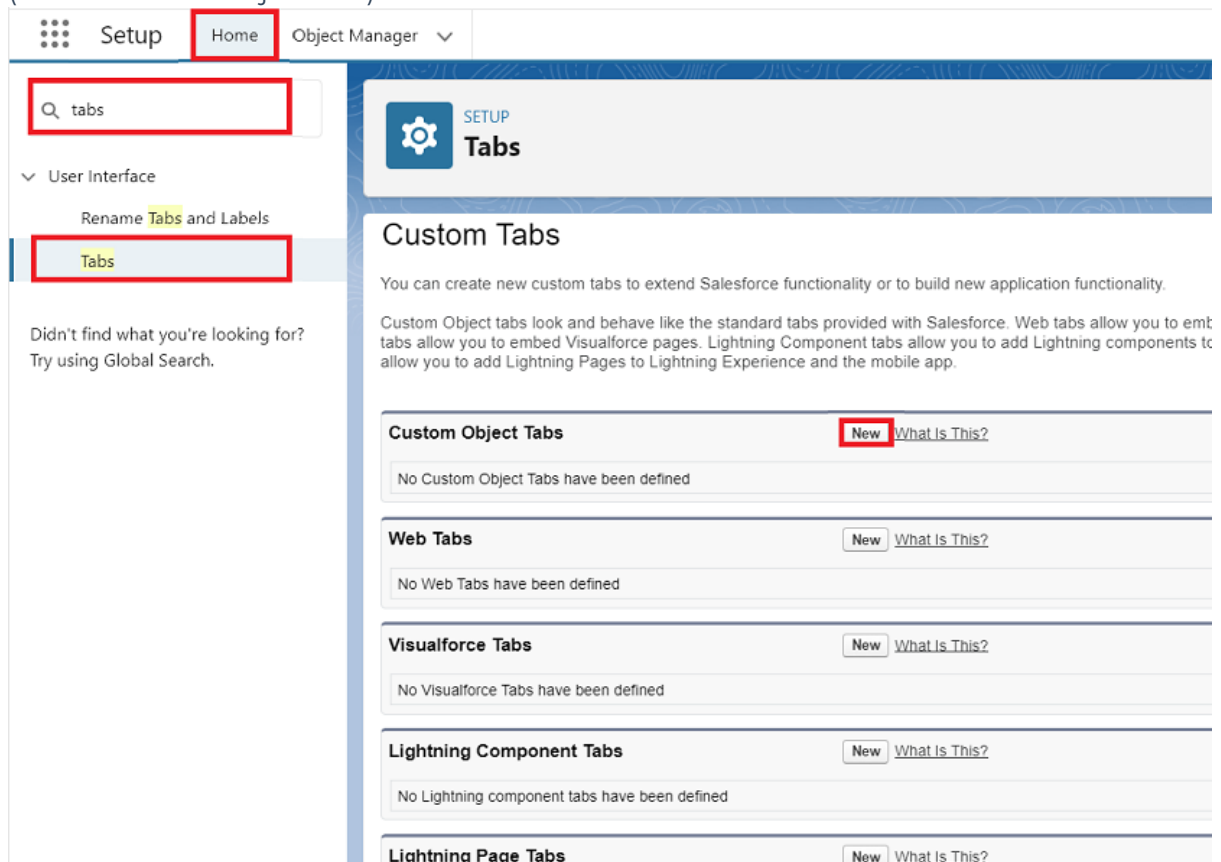
Create 2 more objects with record names as Passenger Id and Crew Id.

TABS

Creating A Custom Tab(Flight)

To create a Tab(Flight)

1. Go to setup page --> type Tabs in Quick Find bar --> click on tabs --> New (under custom object tab)



2. Select Object(Flight) --> Select any tab style --> Next (Add to profiles page) keep it as default --> Next (Add to Custom App) keep it as default -->

Save

New Custom Object Tab

[Help for this Page](#) 📖

Step 1. Enter the Details **Step 1 of 3**

Choose the custom object for this new custom tab. Fill in other details.

Select an existing custom object or [create a new custom object now](#).

Object

Tab Style

(Optional) Choose a Home Page Custom Link is a splash page the first time your users click on this tab.

Enter a short description.
Description

Next Cancel

Creating A Custom Tab(Booking)

To create a Tab (Booking)

1. Go to setup page --> type Tabs in Quick Find bar --> click on tabs --> New (under custom object tab)
2. Select Object(Booking) Select the tab style --> Next (Add to profiles page) keep it as default --> Next (Add to Custom App) keep it as default --> Save.

Activity 3

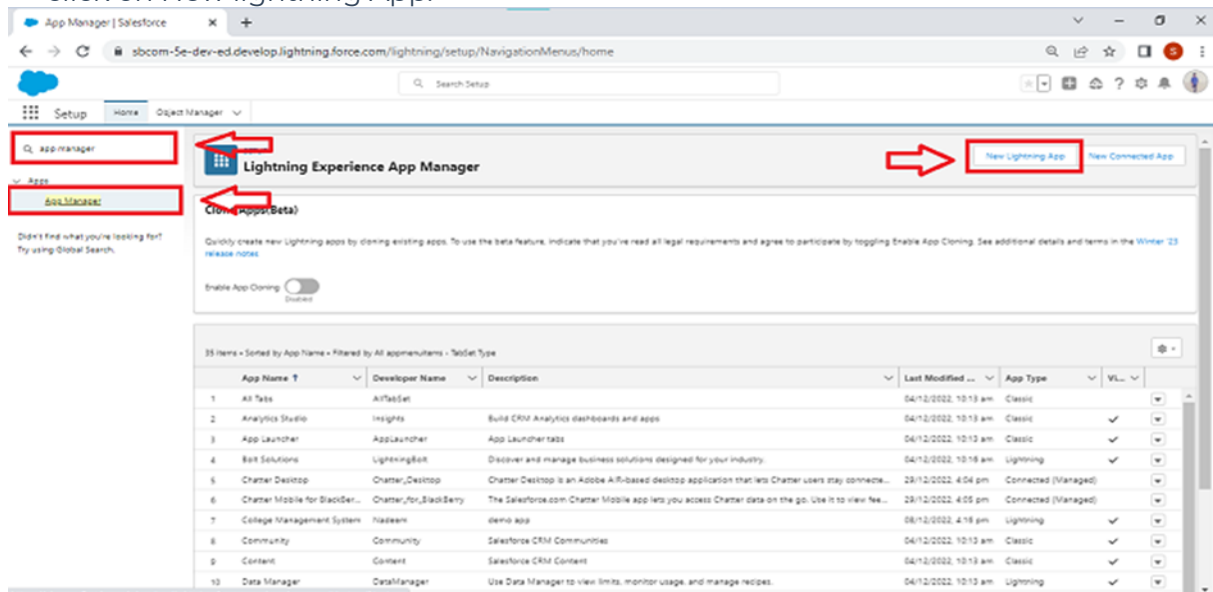
Now create tabs for Crew and Passengers objects.

THE LIGHTNING APP

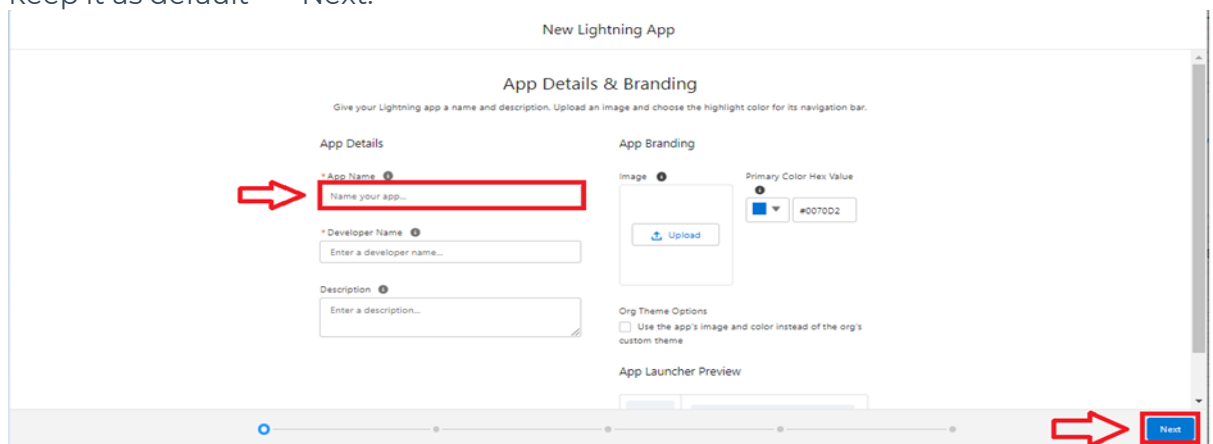
Create A Lightning App

To create a lightning app page:

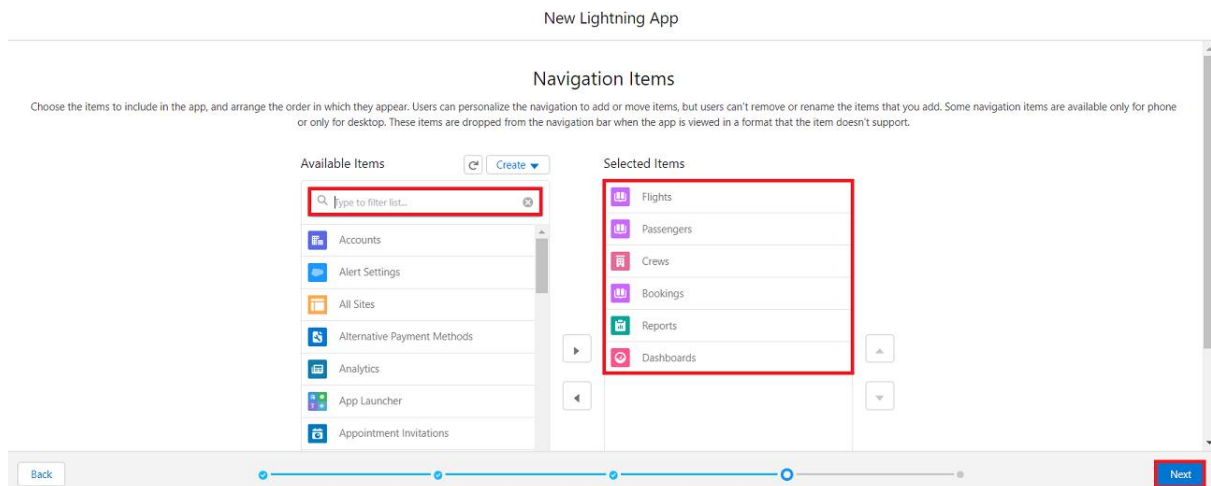
1. Go to setup page --> search “app manager” in quick find -->select “app manager” -->click on New lightning App.



2. Fill the app name in app details and branding as follow
App Name : AirLine Management System
Developer Name : this will auto populated
Description : Give a meaningful description
Image : optional (if you want to give any image you can otherwise not mandatory)
Primary color hex value : keep this default
3. Then click Next --> (App option page) keep it as default --> Next --> (Utility Items) keep it as default --> Next.

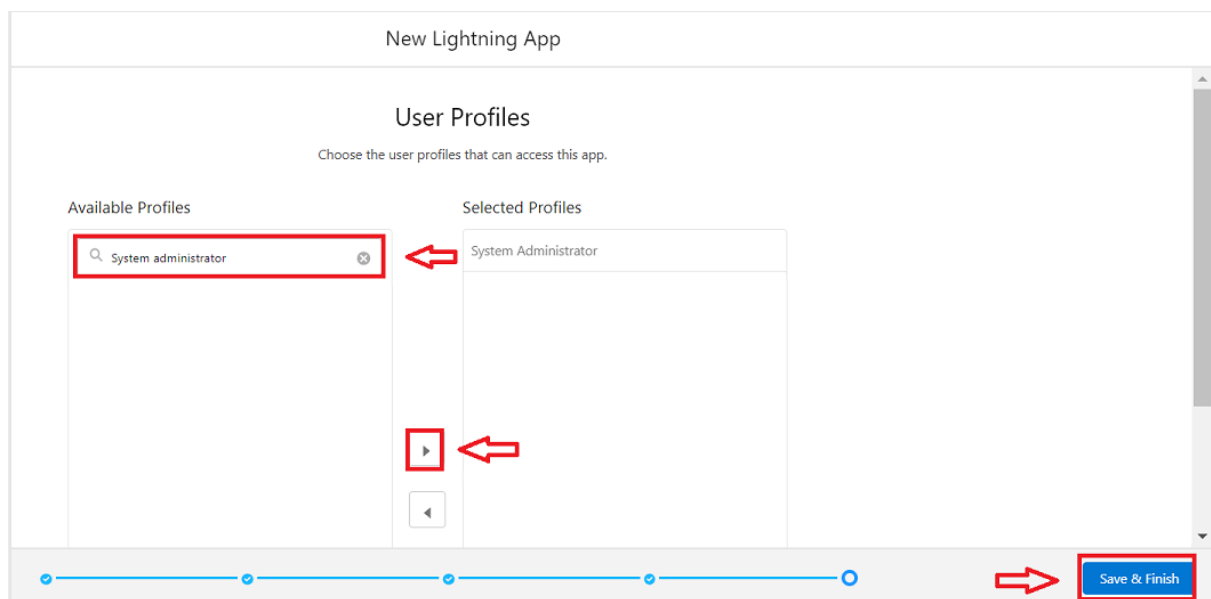


4. To Add Navigation Items:



Search the items in the search bar(Flight, Passengers, Booking, Crew, Reports, Dashboard) from the search bar and move it using the arrow button --> Next.
Note: select the custom object which we have created in the previous activity.

5. To Add User Profiles:



Search profiles (System administrator) in the search bar --> click on the arrow button --> save & finish.