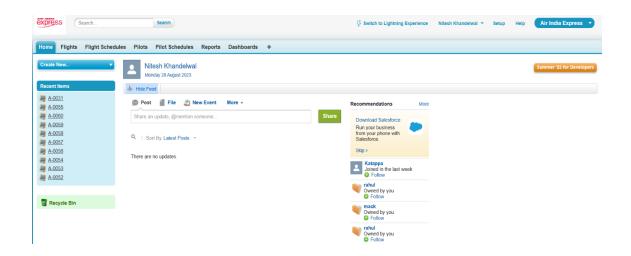
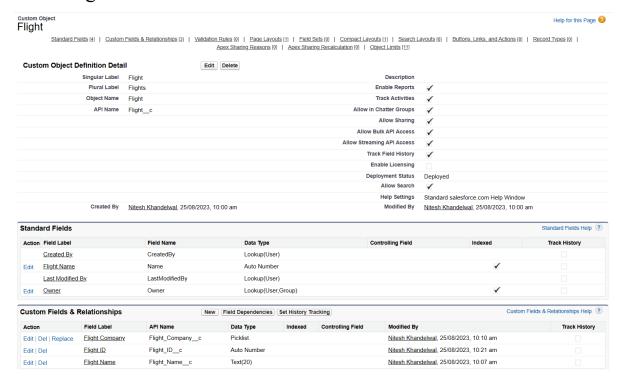
# **Airlines Management System**

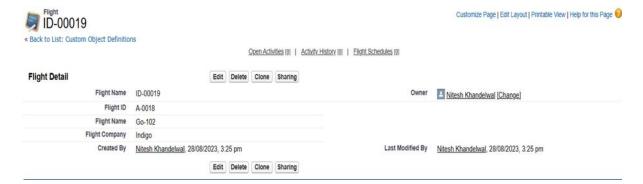
> Creating the application named by 'AIR INDIA EXPRESS'.



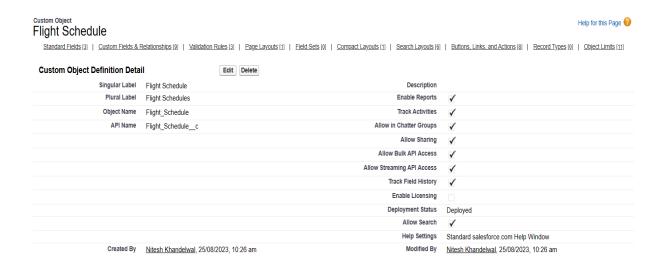
- > Creating Flight object which has the following fields:
  - Flight ID
  - Flight Company
  - Flight Name

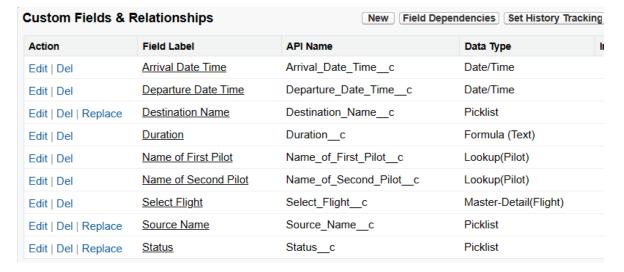


• Create new flight with flight ID, flight name like Go-102, and Flight Company



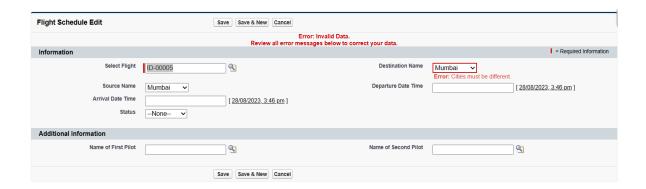
- > Creating Flight Schedule object which has the following fields:
  - Select Flight
  - Source Name
  - Destination Name
  - Departure Date Time
  - Arrival Date Time
  - Duration
  - Status
  - Name of First Pilot
  - Name of Second Pilot



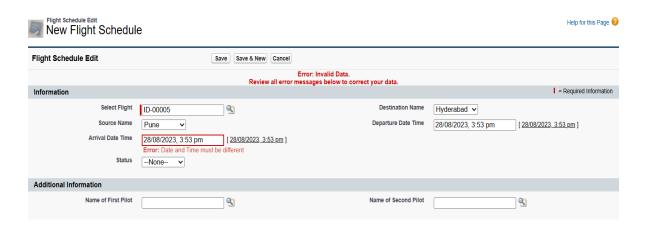


## **Requirements:**

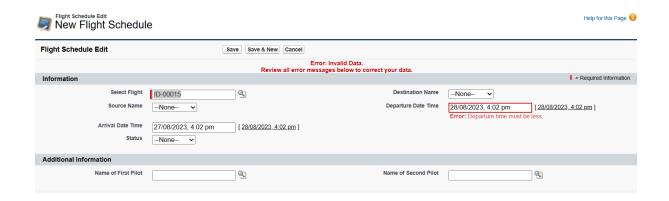
i. Source Name and Destination name must not be same.



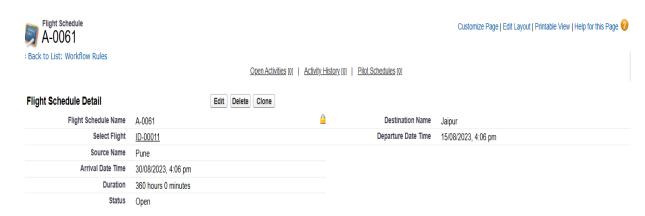
ii. Departure Date Time and Arrival Date Time must not be same.



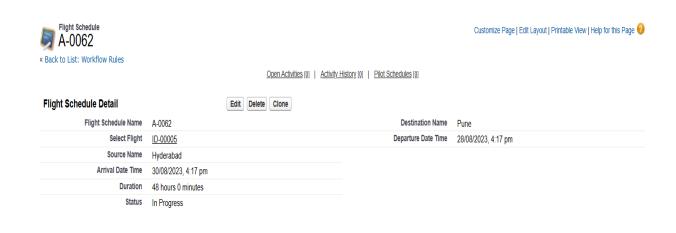
iii. Departure Date time must not be after arrival date time.



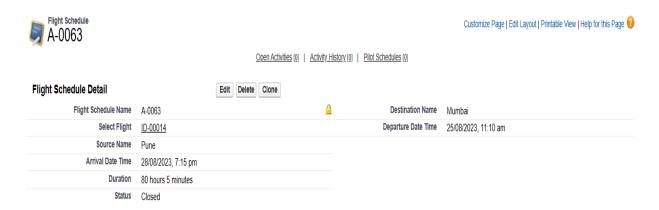
iv. When a new flight schedule record is created, default status with be OPEN.



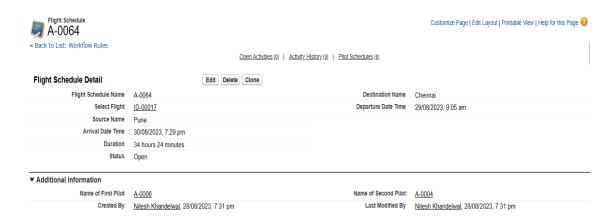
v. When flight is ready to depart, status should be IN PROGRESS.



vi. When flight arrives, then status should CLOSED.



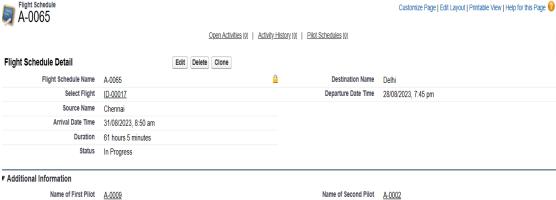
vii. An email to user/system admin whenever a new flight is scheduled, flight departed and arrived.



## Your booking has been scheduled successfully.

Nitesh Khandelwal <u>via</u> vj5c932yxo4x.5j-c9mwjean.ap27.bnc.salesforce.com to me ▼ Hello
You have been scheduled for the following flight:
- Flight Name:{SO3-PL} - Destination Name: {Chennai} - Source Name: {Pune} - Departure Date Time: {29/08/2023, 9:05 am} - Arrival Date Time: {30/08/2023, 7:29 pm}
Thank you Airlines Team





Last Modified By Nitesh Khandelwal, 28/08/2023, 7:46 pm

### Flight Departure Notification Inbox x

Nitesh Khandelwal via amfr4z5ypot6.5j-c9mwjean.ap27.bnc.salesforce.com

Created By Nitesh Khandelwal, 28/08/2023, 7:46 pm

Dear,

We are pleased to inform you that Flight has departed as scheduled. Here are the details:

Flight id: {A-0016}

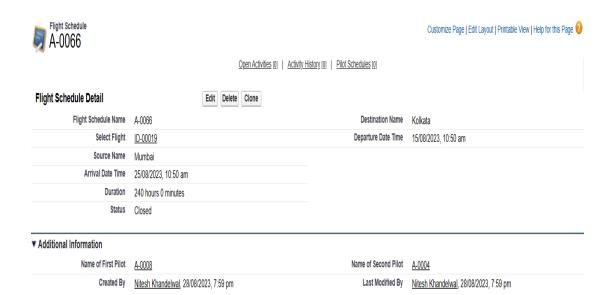
Departure Time:{28/08/2023, 7:45 pm}

Source Name:{Chennai} Destination Name: {Delhi}

Arrival Time: {31/08/2023, 8:50 am}

Thanks

Team Airlines



### Flight Arrive Notification Inbox ×

Nitesh Khandelwal via jyvy5iot0zeb.5j-c9mwjean.ap27.bnc.salesforce.com to me ▼

Dear,

We are pleased to inform you that the flight has arrived at its destination.

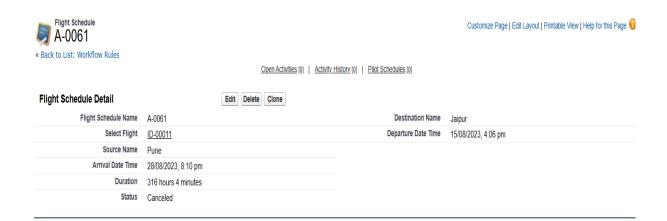
Flight Details:

- Flight id:{A-0018}
- Arrival Time: {25/08/2023, 10:50 am}
- Departure Time:{15/08/2023, 10:50 am}
- source name: {Mumbai}
- Destination name: {Kolkata}

Thanks

Team Airlines

I. Send an email to system admin and to pilots if flight schedule canceled.



### Your booking has been cancelled successfully.

Nitesh Khandelwal via z8z02oo5kx94.5j-c9mwjean.ap27.bnc.salesforce.com

Dear,

to me 🕶

The booking for the following flight has been cancelled successfully.

flight id: {A-0010} source name:{Pune} destination name:{Jaipur} arrival time:{28/08/2023, 8:10 pm} destination time:{15/08/2023, 4:06 pm}

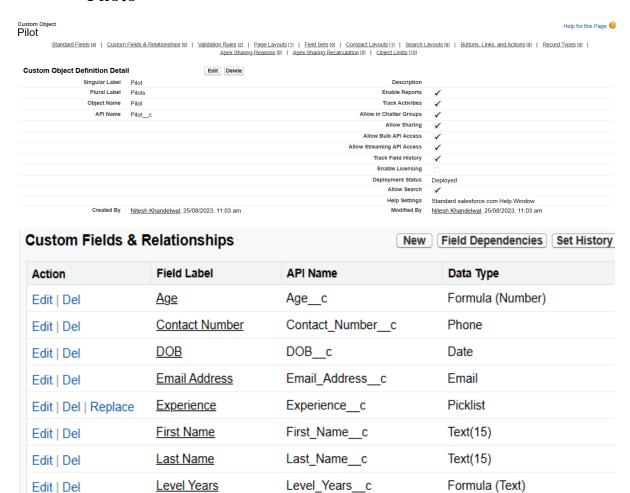
Thanks

Team Airlines

- > Creating Pilot object which has the following fields:
  - First Name
  - Last Name
  - DOB
  - Age
  - Contact Number

**Photo** 

- Email Address
- Experience
- Level Years
- Photo



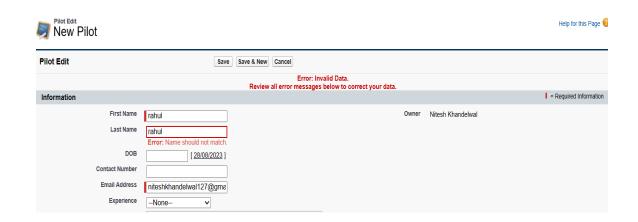
Photo\_\_c

Rich Text Area(32768)

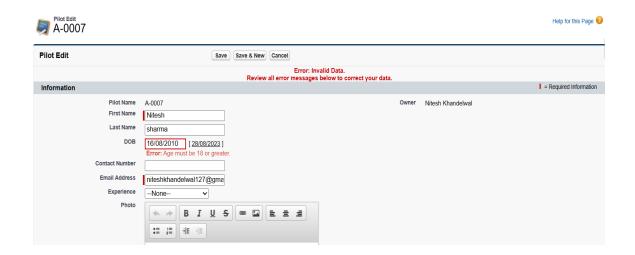
Edit | Del

## **Requirement:**

I. First Name and Last Name must not be same.

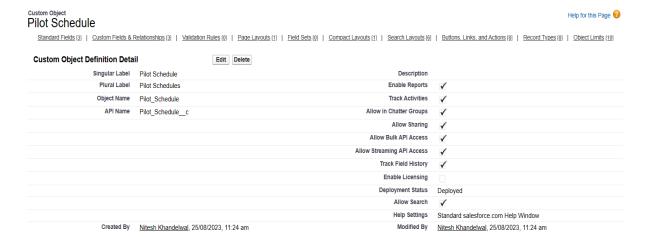


II. Age must be greater or equals to 18.



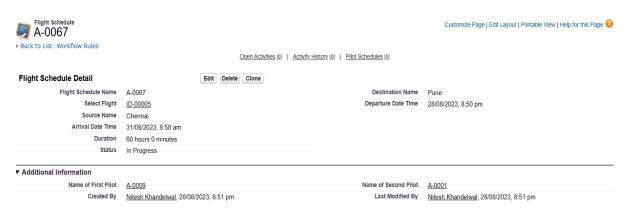
- > Creating Pilot Schedule object which has following fields:
  - Select Flight Schedule
  - Select pilot 1
  - Select pilot 2

Custom F	ields & Relationships	New Field Dependencies Set History Tracking		
Action	Field Label	API Name	Data Type	
Edit   Del	Select Flight Schedule	Select_Flight_Schedulec	Master-Detail(Flight Schedule)	
Edit   Del	Select Pilot 1	Select_Pilot_1c	Lookup(Pilot)	
Edit   Del	Select Pilot 2	Select_Pilot_2c	Lookup(Pilot)	



### **Requirements:**

I. Send an email to Pilot that he has been scheduled for a flight and flight name, departure city, arrival city, departure and arrival date time.



### Your booking has been scheduled successfully.

Nitesh Khandelwal  $\underline{via}$  i3Odtwqkut2d.5j-c9mwjean.ap27.bnc.salesforce.com to me  $\blacksquare$ 

Hello

You have been scheduled for the following flight:

- Flight Name:{kiva-35}
- Destination Name: {Pune}
- Source Name: {Chennai}
- Departure Date Time: {28/08/2023, 8:50 pm}
- Arrival Date Time: {31/08/2023, 8:50 am}

Thank you Airlines Team

- > Creating Reports and Dashboard using the following records:
- I. Create a dashboard which shows scheduled flight on today.



II. Create a dashboard which shows scheduled flight on month-wise.



III. Create a Pi chart with shows total closed and Canceled flight.



## IV. Create a report to show flights and its all scheduled till date.

Flight: Flight Name	Flight Schedule: Flight Schedule Name	Departure Date Time	Arrival Date Time	Flight Name	
ID-00005	<u>A-0030</u>	28/08/2023, 8:27 am	29/08/2023, 8:27 am	kiva-35	
ID-00005	<u>A-0028</u>	27/08/2023, 9:05 am	27/08/2023, 9:05 pm	kiva-35	
ID-00005	<u>A-0031</u>	25/08/2023, 10:50 am	26/08/2023, 10:41 am	kiva-35	
ID-00011	<u>A-0038</u>	29/08/2023, 8:40 am	30/08/2023, 8:40 am	helo	
<u>ID-00015</u>	<u>A-0047</u>	23/08/2023, 9:26 am	25/08/2023, 9:26 am	MR-3KS	
<u>ID-00018</u>	<u>A-0058</u>	21/05/2023, 9:58 am	23/05/2023, 9:58 am	PO-777	
<u>ID-00016</u>	<u>A-0049</u>	29/08/2023, 9:27 am	30/08/2023, 9:27 am	VIKA-23	
<u>ID-00017</u>	<u>A-0052</u>	29/08/2023, 9:28 pm	30/08/2023, 9:28 am	SO3-PL	
<u>ID-00005</u>	<u>A-0045</u>	30/08/2023, 9:24 am	31/08/2023, 9:24 am	kiva-35	
<u>ID-00017</u>	<u>A-0050</u>	25/08/2023, 9:27 am	27/08/2023, 9:27 am	SO3-PL	
<u>ID-00005</u>	<u>A-0053</u>	25/07/2023, 9:32 am	27/07/2023, 9:32 am	kiva-35	
<u>ID-00015</u>	<u>A-0046</u>	27/08/2023, 9:25 am	28/08/2023, 9:25 am	MR-3KS	
<u>ID-00016</u>	<u>A-0048</u>	27/08/2023, 9:26 am	28/08/2023, 9:26 am	VIKA-23	
<u>ID-00014</u>	<u>A-0054</u>	10/07/2023, 9:33 am	11/07/2023, 9:33 am	AI-102	
<u>ID-00013</u>	<u>A-0043</u>	28/08/2023, 8:59 am	29/08/2023, 8:59 am	jetgo	
<u>ID-00005</u>	<u>A-0057</u>	02/06/2023, 9:57 am	05/06/2023, 9:57 am	kiva-35	
<u>ID-00018</u>	<u>A-0059</u>	23/05/2023, 12:50 pm	24/05/2023, 12:50 pm	PO-777	
<u>ID-00019</u>	<u>A-0066</u>	15/08/2023, 10:50 am	25/08/2023, 10:50 am	Go-102	
<u>ID-00017</u>	<u>A-0064</u>	29/08/2023, 9:05 am	30/08/2023, 7:29 pm	SO3-PL	
<u>ID-00017</u>	<u>A-0065</u>	28/08/2023, 7:45 pm	31/08/2023, 8:50 am	SO3-PL	
<u>ID-00011</u>	<u>A-0039</u>	25/08/2023, 8:39 pm	28/08/2023, 8:43 am	helo	
<u>ID-00012</u>	<u>A-0041</u>	30/08/2023, 8:50 am	31/08/2023, 8:50 am	jkwer	
<u>ID-00014</u>	<u>A-0044</u>	25/08/2023, 11:10 am	28/08/2023, 8:29 am	AI-102	
<u>ID-00017</u>	<u>A-0051</u>	28/08/2023, 9:28 am	29/08/2023, 9:28 am	SO3-PL	
<u>ID-00017</u>	<u>A-0055</u>	15/07/2023, 9:53 am	18/07/2023, 9:53 am	SO3-PL	
<u>ID-00014</u>	<u>A-0056</u>	22/07/2023, 9:54 am	23/07/2023, 9:54 am	AI-102	
<u>ID-00014</u>	<u>A-0060</u>	19/06/2023, 12:52 pm	20/06/2023, 12:52 pm	AI-102	
Grand Totals (27 records)					

# V. Create a report to show flights and its all scheduled in current month date.

Flight Schedule: Flight Schedule Name	Flight: Flight Name	Departure Date Time 💠	Arrival Date Time	Flight Name
<u>A-0066</u>	<u>ID-00019</u>	15/08/2023, 10:50 am	25/08/2023, 10:50 am	Go-102
<u>A-0047</u>	<u>ID-00015</u>	23/08/2023, 9:26 am	25/08/2023, 9:26 am	MR-3KS
<u>A-0050</u>	<u>ID-00017</u>	25/08/2023, 9:27 am	27/08/2023, 9:27 am	SO3-PL
<u>A-0031</u>	<u>ID-00005</u>	25/08/2023, 10:50 am	26/08/2023, 10:41 am	kiva-35
<u>A-0044</u>	<u>ID-00014</u>	25/08/2023, 11:10 am	28/08/2023, 8:29 am	AI-102
<u>A-0039</u>	<u>ID-00011</u>	25/08/2023, 8:39 pm	28/08/2023, 8:43 am	helo
A-0028	<u>ID-00005</u>	27/08/2023, 9:05 am	27/08/2023, 9:05 pm	kiva-35
<u>A-0046</u>	<u>ID-00015</u>	27/08/2023, 9:25 am	28/08/2023, 9:25 am	MR-3KS
A-0048	<u>ID-00016</u>	27/08/2023, 9:26 am	28/08/2023, 9:26 am	VIKA-23
<u>A-0030</u>	<u>ID-00005</u>	28/08/2023, 8:27 am	29/08/2023, 8:27 am	kiva-35
<u>A-0043</u>	ID-00013	28/08/2023, 8:59 am	29/08/2023, 8:59 am	jetgo
<u>A-0051</u>	<u>ID-00017</u>	28/08/2023, 9:28 am	29/08/2023, 9:28 am	SO3-PL
<u>A-0065</u>	<u>ID-00017</u>	28/08/2023, 7:45 pm	31/08/2023, 8:50 am	SO3-PL
<u>A-0038</u>	<u>ID-00011</u>	29/08/2023, 8:40 am	30/08/2023, 8:40 am	helo
<u>A-0064</u>	<u>ID-00017</u>	29/08/2023, 9:05 am	30/08/2023, 7:29 pm	SO3-PL
A-0049	<u>ID-00016</u>	29/08/2023, 9:27 am	30/08/2023, 9:27 am	VIKA-23
<u>A-0052</u>	<u>ID-00017</u>	29/08/2023, 9:28 pm	30/08/2023, 9:28 am	SO3-PL
<u>A-0041</u>	<u>ID-00012</u>	30/08/2023, 8:50 am	31/08/2023, 8:50 am	jkwer
<u>A-0045</u>	<u>ID-00005</u>	30/08/2023, 9:24 am	31/08/2023, 9:24 am	kiva-35
Grand Totals (19 records)				

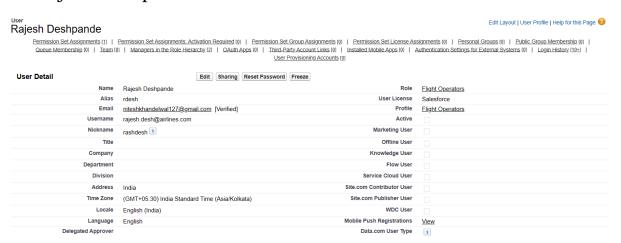
# VI. Create a report to show flights and its all scheduled in last 03 months.

Flight: Flight Name	Flight Schedule: Flight Schedule Name ↑	Departure Date Time	Arrival Date Time	Flight Name	
<u>ID-00005</u>	<u>A-0053</u>	25/07/2023, 9:32 am	27/07/2023, 9:32 am	kiva-35	
<u>ID-00014</u>	<u>A-0054</u>	10/07/2023, 9:33 am	11/07/2023, 9:33 am	AI-102	
<u>ID-00017</u>	<u>A-0055</u>	15/07/2023, 9:53 am	18/07/2023, 9:53 am	SO3-PL	
<u>ID-00014</u>	<u>A-0056</u>	22/07/2023, 9:54 am	23/07/2023, 9:54 am	AI-102	
<u>ID-00005</u>	<u>A-0057</u>	02/06/2023, 9:57 am	05/06/2023, 9:57 am	kiva-35	
<u>ID-00018</u>	<u>A-0058</u>	21/05/2023, 9:58 am	23/05/2023, 9:58 am	PO-777	
<u>ID-00018</u>	<u>A-0059</u>	23/05/2023, 12:50 pm	24/05/2023, 12:50 pm	PO-777	
<u>ID-00014</u>	<u>A-0060</u>	19/06/2023, 12:52 pm	20/06/2023, 12:52 pm	AI-102	
Grand Totals (8 records)					

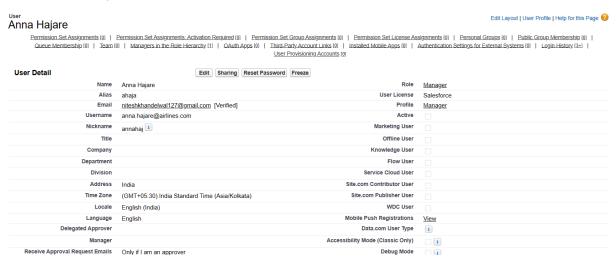
#### > USERS

 Create users Rajesh Deshpande, Anna Hajare, Neha Kakkad, Anu Malik, Katappa and Babubali.

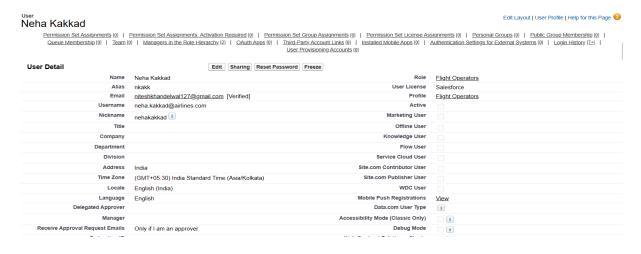
## I. Rajesh Deshpande



## II. Anna Hajare



#### III. Neha Kakkad



### IV. Anu Malik

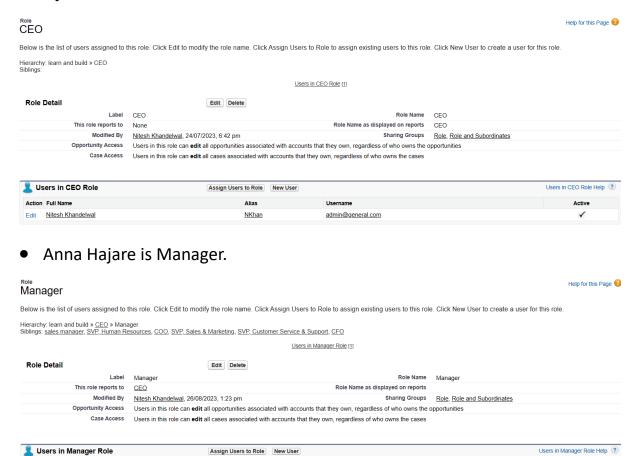
Edit Layout | User Profile | Help for this Page 🭕 Anu Malik Permission Set Assignments (i) | Permission Set Assignments (ii) | Permission Set Assignments (ii) | Permission Set Assignments (ii) | Permission Set License Assignments (ii) | Personal Groups (ii) | Permission Set License Assignments (ii) | Permission Set License Assignments (ii) | Permission Set License Assignments (iii) | User Detail Edit Sharing Reset Password Freeze Name Flight Operators Alias amali User License Salesforce Email Profile niteshkhandelwal127@gmail.com [Verified] Flight Operators Active Username anu.malik@airlines.com Marketing User anumalik 🗓 Title Offline User Company Knowledge User Department Flow User Division Service Cloud User Address Site com Contributor User Time Zone (GMT+05:30) India Standard Time (Asia/Kolkata) Site.com Publisher User Locale WDC User Language English Mobile Push Registrations Delegated Approver Data.com User Type i Manager Accessibility Mode (Classic Only) Receive Approval Request Emails Only if I am an approver Debug Mode V. Katappa Edit Layout | User Profile | Help for this Page 🕢 Katappa Permission Set Assignments (0) | Permission Set Assignments (0) | Permission Set Assignments (0) | Permission Set License Assignments (0) | Permission Set Licen User Detail Edit Sharing Reset Password Freeze

Name Katappa Alias kkata User License Salesforce Email Profile niteshkhandelwal127@gmail.com [Verified] katappa Active katapa@airlines.com Nickname Marketing User Offline User Knowledge User Company Flow User Department Division Service Cloud User Address India Site.com Contributor User Site.com Publisher User Time Zone (GMT+05:30) India Standard Time (Asia/Kolkata) Locale WDC User English (India) Mobile Push Registrations View Language English Delegated Approver Data.com User Type Manager Accessibility Mode (Classic Only) Receive Approval Request Emails Only if I am an approver Debug Mode

### VI. Babubali

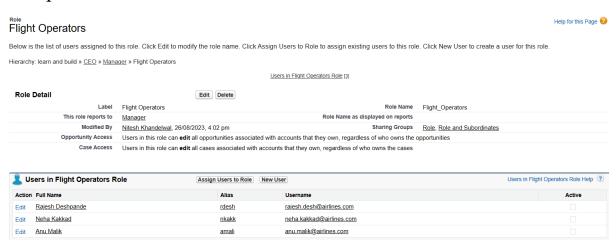
Edit Lavout I User Profile I Help for this Page Bahubali Permission Set Assignments (0) | User Detail Edit Sharing Reset Password Freeze Name Bahubali Role Alias User License bahu Salesforce Email niteshkhandelwal127@gmail.com [Verified] Profile Bahubali Username bahubal@airlines.com Active Nickname Marketing User Title Offline User Company Knowledge User Department Flow User Division Service Cloud User Address Site.com Contributor User Time Zone (GMT+05:30) India Standard Time (Asia/Kolkata) Site.com Publisher User Locale English (India) WDC User Language Mobile Push Registrations English View Delegated Approver Data.com User Type i Manager Accessibility Mode (Classic Only) Receive Approval Request Emails Only if I am an approver Debug Mode i

## • System Admin is CEO.



# • Rajesh Deshpande, Neha Kakkad and Anu Malik are Flight Operators.

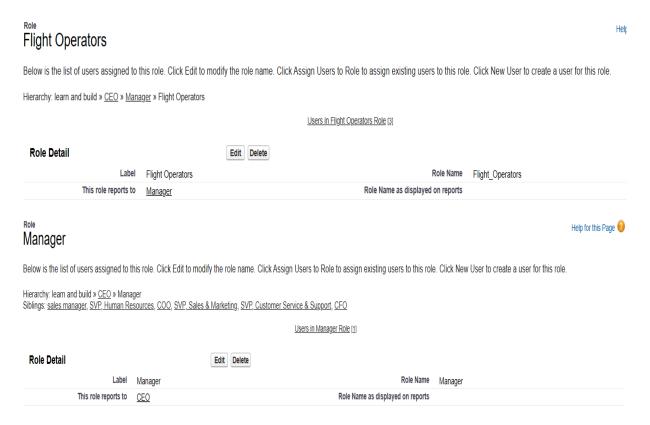
anna.hajare@airlines.com



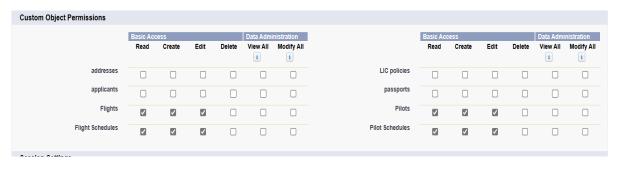
Action Full Name

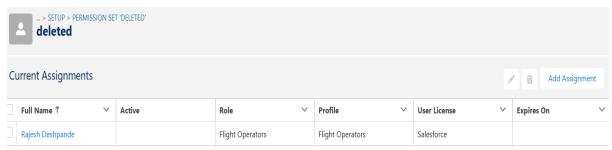
Edit Anna Hajare

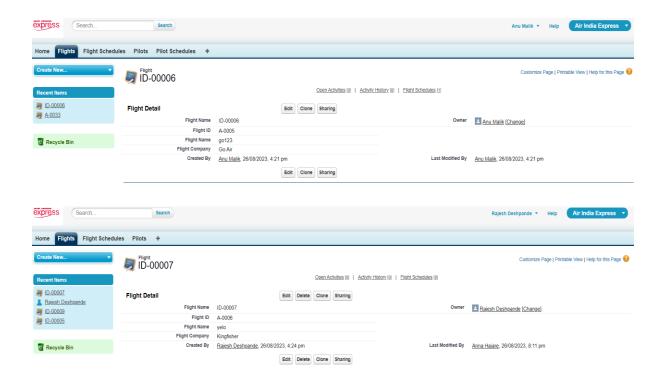
• All the operator reports to Anna Hajare and Anna Hajare reports to CEO.



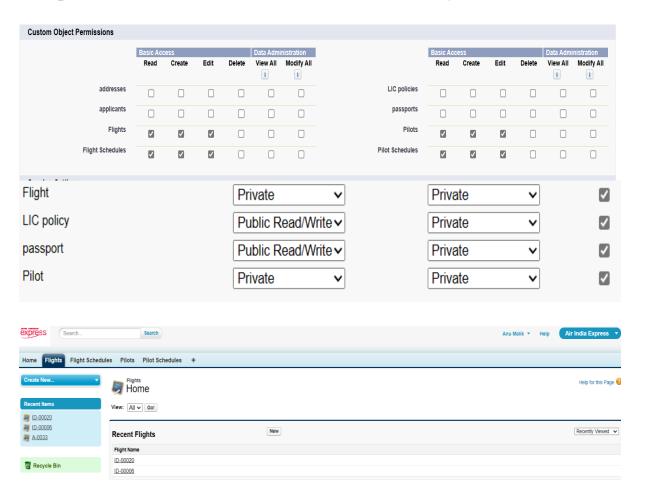
 All the operators and create read and edit the data, BUT only Rajesh Deshpande can delete any record.





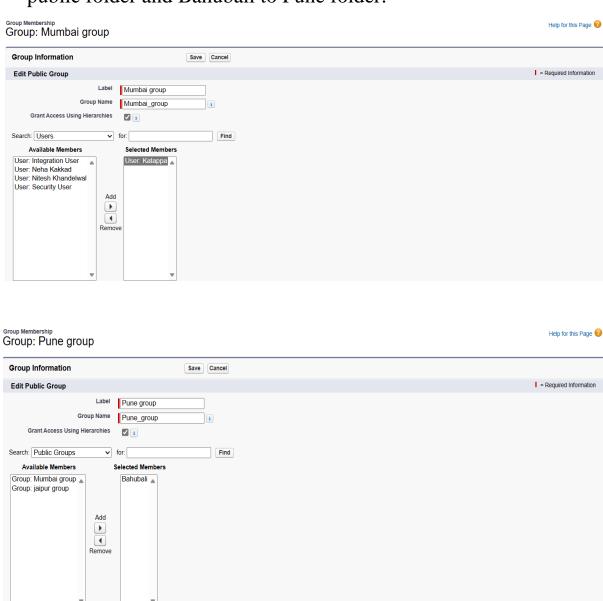


• Operators can view the their owned records only, and not of others.

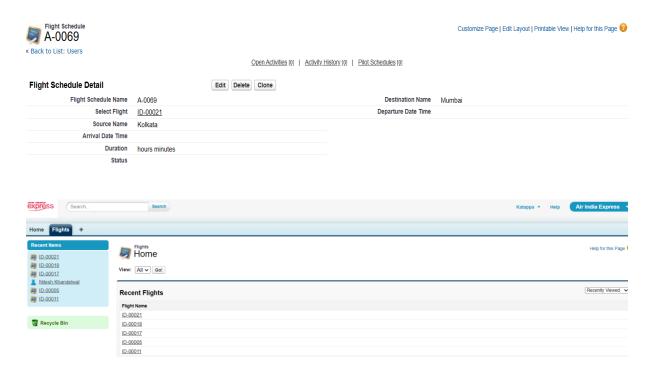




• Create a public folder Mumbai and Pune. Add Katappa to Mumbai public folder and Bahubali to Pune folder.



• When a flight is arriving to Mumbai, then share this flight record with Katappa.



• When a flight is arriving to Pune, then share this flight record with Bahubali.

