

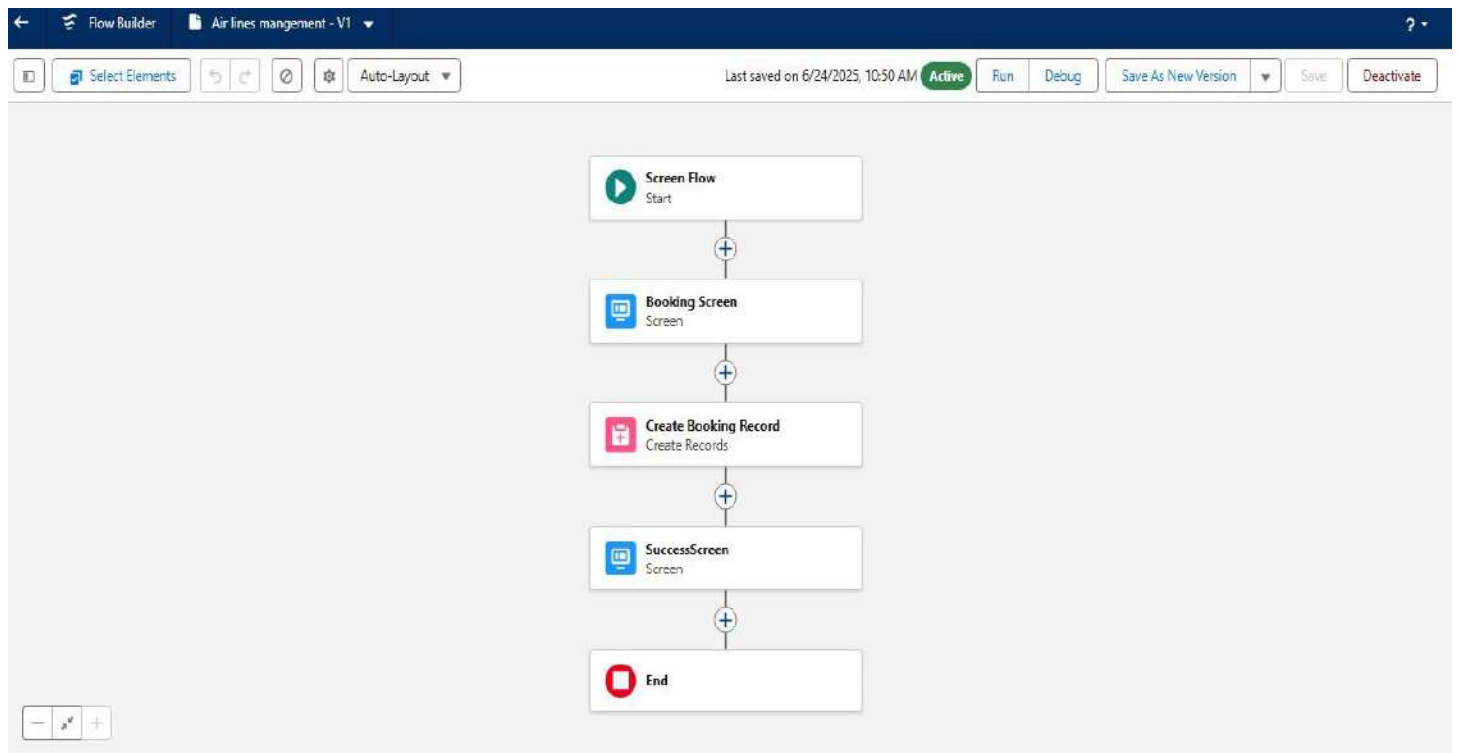
# Functional & Performance Testing

## Outputs

Date	26-06-2025
Team Id	LTVIP2025TMID29760
Project Name	Air Line Management System
College Name	Ideal Institute Of Technology

## Output Screenshots

### ➤ Booking Flow (Screen & Success Message)



Flow Builder

Air lines management - V1

?

Select Elements

Auto-Layout

Last saved on 6/24/2025, 10:50 AM

Active

Run

Debug

Save As New Version

Save

Deactivate

Screen Flow

Start

+

Booking Screen

Screen

+

Create Booking Record

Create Records

+

SuccessScreen

Screen

+

End

HP

Create Records

✕

Label

Create Booking Record

API Name

Create\_Booking\_Record

Description

How to set record field values

Manually

Create a Record of This Object

Object

Booking

Set Field Values for the Booking

Field

Class

Value

bookingObject > Class

Field

Departs From

Value

bookingObject > Departs From

Field

Departs To

Value

bookingObject > Departs To

Field

Departure Date

Value

bookingObject > Departure Date

## ➤ Trigger Error on Passenger Phone

The screenshot shows a 'New Passenger' form with the following fields and values:

- Passenger Id:** (empty)
- Owner:** Santosh Tivari
- Name:** joe
- Phone:** (empty, highlighted with a red border and a red 'X' icon)
- Passport Number:** 2,290,989
- Passport Issue Date:** 6/12/2025
- Passport Expiry Date:** 7/9/2028

A red error message box is displayed over the Phone field, stating: "We hit a snag. Review the following fields: Phone". Below the error message, there are three buttons: "Cancel", "Save & New", and "Save".

## Trigger Validation Error When Mobile Number Is Missing

To ensure data accuracy, I implemented a **before-insert Apex trigger** that prevents a **Passenger** record from being created without a mobile number. This validation was handled using a custom **Apex class** and tested with both valid and invalid inputs.

### Class Name: PhnValid\_PassengerObj.cls

```
public class PhnValid_PassengerObj {  
  
    public static void valMethod(List<Passenger__c> newPass){  
        for(Passenger__c p : newPass){  
            if(p.Phone__c == null){  
                p.Phone__c.addError('Please enter phone number');  
            }  
        }  
    }  
}
```


This class checks every passenger record and throws an error if the phone number is missing.

## Step 2: Created an Apex Trigger

```
trigger PhnValidTrigger on Passenger__c (before insert) {  
    if(Trigger.isBefore && Trigger.isInsert){  
        PhnValid_PassengerObj.valMethod(Trigger.new);  
    }  
}
```

This trigger runs **before insert** and calls the validation method.

## ➤ Record Creation Example

 Passenger  
**PS-0009**

Related

Details

Passenger Id

PS-0009

Name

shree

Phone

67890545678

Passport Number

6,759,796

Passport Issue Date

6/23/2025

Passport Expiry Date

6/29/2027


Date of Birth

7/6/2005


Nationality

India


Created By

 Santosh Tivari, 6/21/2025, 9:32 AM

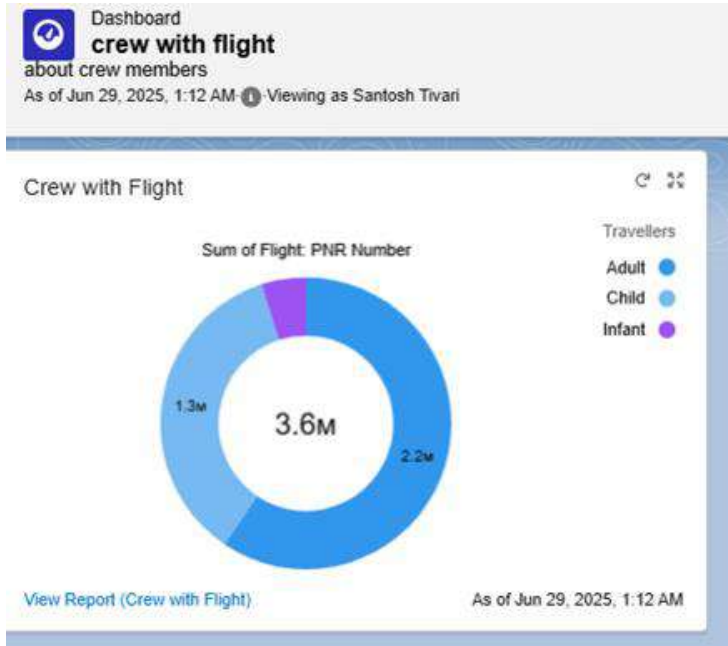
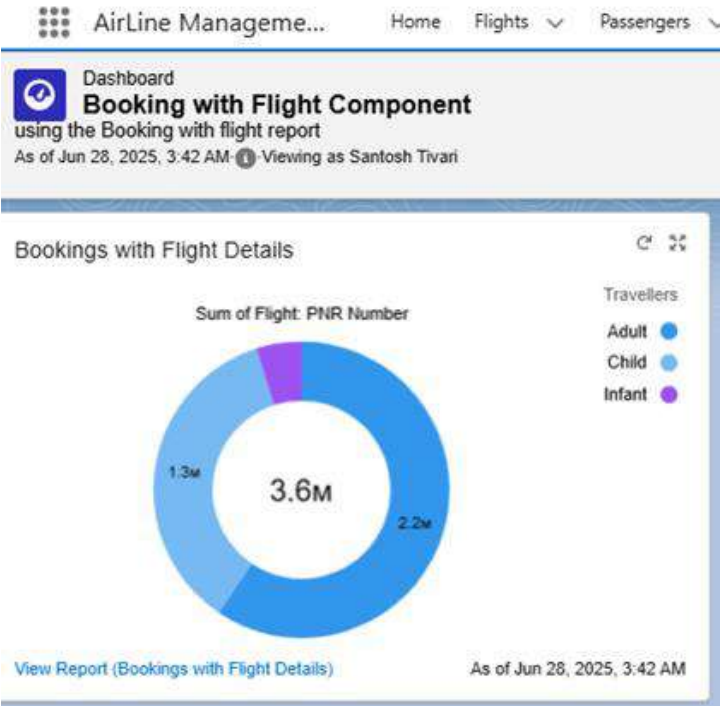
Owner

 Santosh Tivari

Last Modified By

 Santosh Tivari, 6/21/2025, 9:32 AM

➤ Dashboard Display (Donut Chart)



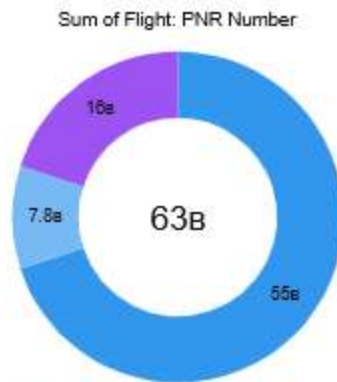


Dashboard

## Booking with Passenger name

As of Jun 28, 2025, 8:12 AM Viewing as Vishal Manibabu Kasukurthi Team

### Booking with Passenger Name



Travellers

Adult


Child

Infant








[View Report \(Booking with Passenger Name\)](#)


As of Jun 28, 2025, 8:12 AM

## ➤ Report View (Grouped Bookings)





Search...



 AirLine Manageme...

Flights ▾ Passengers ▾ Bookings ▾ Crews ▾ Reports ▾ Dashboards ▾



 Report: Bookings with Flight  
**Bookings with Flight Details**

Enable Field Editing

Q

Add Chart

Filter

Refresh

Edit

Dropdown

Total Records  
10

Total Flight: PNR Number  
3,621,481

<input type="checkbox"/> Travellers ↑ ▾	Flight: PNR Number ▾	Booking: Booking Id ▾	Flight: Flight Name ▾	Class ▾	Departs From ▾	Departs To ▾	Passenger Name ▾
<input type="checkbox"/> Adult (5)	562,186	Bk-0002	Fly Air	Business	Chennai	Mumbai	PS-0002
	234,679	Bk-0006	Air India Express	First Class	Kolkata	Bengaluru	PS-0005
	321,475	Bk-0005	Akasa Air	Economy	Bengaluru	Mumbai	PS-0008
	236,461	Bk-0004	Emirates	Economy	Chennai	Delhi	PS-0009
	798,528	Bk-0001	Star Lite	Economy	Bengaluru	Delhi	PS-0012
<input type="checkbox"/> Child (4)	457,321	Bk-0008	Vistara	Economy	Mumbai	Bengaluru	PS-0003
	346,572	Bk-0009	Spice Jet	First Class	Chennai	Delhi	PS-0004
	123,456	Bk-0010	IndiGo	Business	Bengaluru	Delhi	PS-0010
	362,175	Bk-0003	Go First	Economy	Bengaluru	Delhi	PS-0010
<input type="checkbox"/> Infant (1)	178,628	Bk-0007	Air India	Economy	Bengaluru	Chennai	PS-0007
Total (10)	3,621,481						


Row Counts ☒

Detail Rows ☒

Subtotals ☐

Grand Total ☒

## ➤ Role Hierarchy View

 **SETUP**  
**Roles**

### Creating the Role Hierarchy

[Help for this Page](#)

You can build on the existing role hierarchy shown on this page. To insert a new role, click **Add Role**.

**Your Organization's Role Hierarchy** Show in tree view

[Collapse All](#) [Expand All](#)

- Ideal Institute Of Technology**
  - Add Role**
  - CEO** [Edit](#) [Del](#) [Assign](#)
    - Add Role**
    - CFO** [Edit](#) [Del](#) [Assign](#)
      - Add Role**
    - COO** [Edit](#) [Del](#) [Assign](#)
      - Add Role**
    - Senior Admin** [Edit](#) [Del](#) [Assign](#)
      - Add Role**
      - General Admin** [Edit](#) [Del](#) [Assign](#)
        - Add Role**
      - Management Admin** [Edit](#) [Del](#) [Assign](#)
        - Add Role**
        - Crew Member** [Edit](#) [Del](#) [Assign](#)
          - Add Role**
    - SVP, Customer Service & Support** [Edit](#) [Del](#) [Assign](#)
      - Add Role**
      - Customer Support, International** [Edit](#) [Del](#) [Assign](#)
        - Add Role**



## ➤ Lightning App Home Page preview

