

# Airlines Management System

Airlines Management System Manages the flights ,flight schedules, pilots, pilots schedules.

**NOTE: Developer should assume adequate data whenever necessary.**

## 1]App Name: Airlines Management System

Add flight company logo

## 2] Object:Flight

Create new flight with flightID, flightname like Go-102,and Flight Company

Field	Description
FlightID	Auto Generated
FlightName	Example:Go-102
FlightCompany	Picklist(Indigo/AirIndia/GoAir/Kingfisher)

### Requirement:

A] Show all schedules of this flight in its related list

## 3] Object: Flight Schedule

This object is responsible for flight schedule,

Fields	Description
Select Flight	Select flight from Flight object. <b>Master details relationships with Flight Object</b>
Source Name	Select city(Picklist)
Destination Name	Select city(Picklist)
Departure Date Time	Select departure date and time
Arrival Date Time	Select arrival date and time
Status	Picklist(Open/InProgress/Closed/Canceled)
Email Address	

### Requirements:

- A] Source Name and Destination name must not be same.
- B] Departure Date Time and Arrival Date Time must not be same.
- C] Departure Date time must not be after arrival date time
- D] Send an email whenever a new flight is scheduled, flight departed and arrived.
- E] Send an email if flight schedule canceled.

#### 4] Pilots

Fields	Description
First Name	First Name of the pilot(Mandatory)
Last Name	Last Name of the pilot
DOB	DOB of pilot
Age	Based on DOB
Contact Number	Mobile number of Pilot
Email Address	Mandatory Email Address
Experience	Picklist(Less than 1Year/2-5Years/more than 05Years)
Photo	DataTypes: RichTextArea

#### Requirement:

A]Age must be greater or equals to 18

#### 5] Pilot Schedule

Fields	Description
Select Flight Schedule	Master Relationship with Flight Schedule object
Select Pilot	Lookup Relationship with Pilot object
Email Address of Pilot	

#### Requirements:

A]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.

#### 6] Reports and Dashboard,

- A] Create a Pi chart with shows total closed and canceled flight.
- B] Create a report to show flights and its all scheduled till date.
- C] Create a report to show flights and its all scheduled in current month date.
- D] Create a report to show flights and its all scheduled in last 03months.