**Mini Project of MIS**

Submitted by:

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**Database Design of India’s Busiest Airports using PostgreSQL**

**Abstract**:

A database is an organized collection of data and it is useful to retrieve information when there is a necessity. In this study, a basic model of database having entities such as city, airport, airline, etc., is created using postgreSQL. The entity relationship diagram consisting entities and there relation is also created. For this study, top ten busiest airports and top five airlines of India are taken into consideration. The queries used to create database are also mentioned.

**Keywords:** Database; PostgreSQL; Entity; Relationship; Query

**1. Introduction**

A database is a data structure that stores organized information. Most databases contain multiple tables, which may each include several different fields. For example, a company database may include tables for products, employees, and financial records. Each of these tables would have different fields that are relevant to the information stored in the table. The database of an airport contains information about airlines, flight, airports, cities, etc.,

In relational database, the data is organized as logically independent tables. Relationships among tables are shown through shared data. The data in one table may reference similar data in other tables, which maintains the integrity of the links among them. This feature is referred to as referential integrity – an important concept in a relational database system. Operations such as "select" and "join" can be performed on these tables. This is the most widely used system of database organization.

PostgreSQL is an open-source, object-relational database management system (ORDBMS) that is not owned or controlled by one company or individual. Because postgreSQL software is open-source, it is managed mostly through a coordinated online effort by an active global community of developers, enthusiasts and other volunteers.

**2. Entities & their relevant attributes**

**2.1. Entities list**

1. City
2. Airport
3. Airline
4. Flight
5. Contains
6. Passenger1
7. Passenger2
8. Passenger3

**2.2. Entity structure with relevant attributes**

Table Name: City

Description: Information about cities

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| cname | Varchar(15) | Name of the city | Primary Key  NOT NULL |
| state | Varchar(15) | State name | - |
| country | Varchar(30) | Country name | - |

Table Name: Airport

Description: To store information about different airports

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| Gps\_code | Varchar(4) | The unique gps\_code of an airport | Primary Key  NOT NULL |
| Ap\_name | Varchar(100) | Name of an airport | NOT NULL |
| state | Varchar(15) | State where airport is located | - |
| country | Varchar(30) | Country where airport is located | - |
| cname | Varchar(15) | City name of the airport | Foreign Key |

Table Name: Airline

Description: To store information about different airlines

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| ICAO | Varchar(3) | A unique identity of an airline | Primary Key  NOT NULL |
| AL\_name | Varchar(50) | Airline name | - |

Table Name: Flight

Description: To store information about different flights

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| Flight\_code | Varchar(10) | The unique flight code of an airline | Primary Key  NOT NULL |
| Source | Varchar(3) | Place from which flight begins its journey | - |
| Destination | Varchar(3) | Final destination of the journey | - |
| Arrival | Varchar(10) | Beginning time | - |
| Departure | Varchar(10) | Ending time | - |
| Duration | Varchar(30) | Time taken for travel | - |
| ICAO | Varchar(3) | A unique identity of an airline | Foreign Key |

Table Name: Contains

Description: To establish relation between airport and airline

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| ICAO | Varchar(3) | A unique identity of an airline | Primary Key  Foreign Key  NOT NULL |
| AP\_name | Varchar(100) | Airport name | Foreign Key  NOT NULL |

Table Name: Passenger1

Description: To store information about passengers

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| PID | Int | A unique identity of a passenger | Primary Key  NOT NULL |
| Passportno | Varchar(10) | Passport number of a passenger | Primary Key  NOT NULL |

Table Name: Passenger2

Description: To store detailed information about passengers

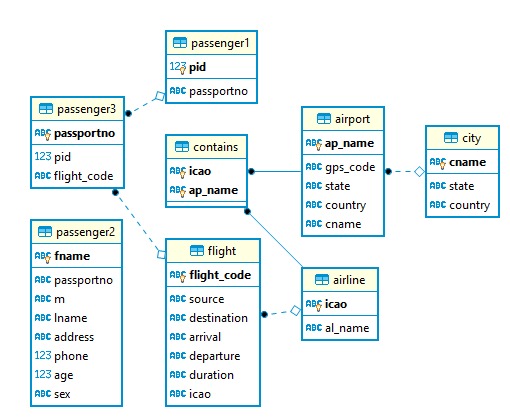
|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| Passportno | Varchar(10) | Passport number of a passenger | Primary Key  NOT NULL |
| Fname | Varchar(20) | Full name of passenger | - |
| M | Varchar(1) | - | - |
| Lname | Varchar(20) | Last name of passenger | - |
| Address | Varchar(100) | Passenger’s address | - |
| Phone | Bigint | Phone of passenger | - |
| Age | Bigint | Passenger’s age | - |
| Sex | Varchar(1) | Passenger’s sex | - |

Table Name: Passenger3

Description: To establish relation between passengers and flights

|  |  |  |  |
| --- | --- | --- | --- |
| **Field** | **Datatype** | **Description** | **Constraints** |
| PID | Int | A unique identity of a passenger | Primary Key  Foreign Key  NOT NULL |
| Flight\_code | Varchar(10) | The unique flight code of an airline | Foreign Key |
| Passportno | Varchar(10) | Passport number of a passenger | NOT NULL |

**3. ER Diagram**

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**Figure 1**. Entity Relationship Diagram

**4. PostgreSQL Query**

CREATE DATABASE Busiest\_airports\_and\_airlines;

CREATE TABLE CITY

(CNAME VARCHAR(15) NOT NULL,

STATE VARCHAR(15),

COUNTRY VARCHAR(30),

PRIMARY KEY(CNAME));

**-- Inserting values of Table: CITY--**

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Mumbai','Maharashtra','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES ('Dabolim','Goa','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES ('Chennai','Tamil Nadu','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Delhi','Delhi','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Pune','Maharashtra','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Kolkata', 'West Bengal', 'India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Bangalore','Karnataka','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Hyderabad','Telangana','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Ahmedabad','Gujarat','India');

INSERT INTO CITY (CNAME, STATE, COUNTRY) VALUES('Cochin', 'Kerala', 'India');

CREATE TABLE AIRPORT

(gps\_code VARCHAR(4) NOT NULL,

AP\_NAME VARCHAR(100) NOT NULL,

STATE VARCHAR(15),

COUNTRY VARCHAR(30),

CNAME VARCHAR(15),

PRIMARY KEY(AP\_NAME),

FOREIGN KEY(CNAME) REFERENCES CITY(CNAME) ON DELETE CASCADE);

**--Inserting values for Table: AIRPORT--**

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VOGO','Goa International Airport','Goa','India','Dabolim');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VAPO','Pune Airport','Maharashtra','India','Pune');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VOCI','Cochin International Airport','Kerala','India','Cochin');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VIDP','Indira Gandhi International Airport','Delhi','India','Delhi');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VABB','Chhatrapati Shivaji International Airport','Maharashtra','India','Mumbai');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VAAH','Sardar Vallabhbhai Patel International Airport','Gujarat', 'India','Ahmedabad');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VOHS','Rajiv Gandhi International Airport','Telangana','India','Hyderabad');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VECC','Netaji Subhas Chandra Bose International Airport','West Bengal','India','Kolkata');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VOMM','Chennai International Airport','Tamil Nadu','India','Chennai');

INSERT INTO AIRPORT (gps\_code, AP\_NAME, STATE, COUNTRY, CNAME) VALUES('VOBL','Kempegowda International Airport','Karnataka', 'India','Bangalore');

CREATE TABLE AIRLINE

(ICAO VARCHAR(3) NOT NULL,

AL\_NAME VARCHAR(50),

PRIMARY KEY(ICAO));

**-- Inserting values for Table: AIRLINE --**

INSERT INTO AIRLINE (ICAO, AL\_NAME) VALUES('IAD','AirAsia India');

INSERT INTO AIRLINE (ICAO, AL\_NAME) VALUES('GOW','GoAir');

INSERT INTO AIRLINE (ICAO, AL\_NAME) VALUES('IGO','Indigo');

INSERT INTO AIRLINE (ICAO, AL\_NAME) VALUES('SEJ','SpiceJet');

INSERT INTO AIRLINE (ICAO, AL\_NAME) VALUES('VTI','Vistara');

CREATE TABLE CONTAINS

(ICAO VARCHAR(3) NOT NULL,

AP\_NAME VARCHAR(100) NOT NULL,

PRIMARY KEY(ICAO, AP\_NAME),

FOREIGN KEY(ICAO) REFERENCES AIRLINE(ICAO) ON DELETE CASCADE,

FOREIGN KEY(AP\_NAME) REFERENCES AIRPORT(AP\_NAME) ON DELETE CASCADE);

**-- Inserting values into Table: Contains--**

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Cochin International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Chennai International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Kempegowda International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Pune Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Goa International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Chhatrapati Shivaji International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Rajiv Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Indira Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Sardar Vallabhbhai Patel International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IAD','Netaji Subhas Chandra Bose International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Cochin International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Chennai International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Kempegowda International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Pune Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Goa International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Chhatrapati Shivaji International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Rajiv Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Indira Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Sardar Vallabhbhai Patel International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('IGO','Netaji Subhas Chandra Bose International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Cochin International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Chennai International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Kempegowda International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Pune Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Goa International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Chhatrapati Shivaji International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Rajiv Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Indira Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Sardar Vallabhbhai Patel International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('GOW','Netaji Subhas Chandra Bose International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Cochin International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Chennai International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Kempegowda International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Pune Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Goa International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Chhatrapati Shivaji International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Rajiv Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Indira Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Sardar Vallabhbhai Patel International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('SEJ','Netaji Subhas Chandra Bose International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Cochin International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Chennai International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Kempegowda International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Pune Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Goa International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Chhatrapati Shivaji International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Rajiv Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Indira Gandhi International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Sardar Vallabhbhai Patel International Airport');

INSERT INTO CONTAINS (ICAO, AP\_NAME) VALUES('VTI','Netaji Subhas Chandra Bose International Airport');

CREATE TABLE FLIGHT

(FLIGHT\_CODE VARCHAR(10) NOT NULL,

SOURCE VARCHAR(3),

DESTINATION VARCHAR(3),

ARRIVAL VARCHAR(10),

DEPARTURE VARCHAR(10),

DURATION VARCHAR(30),

ICAO VARCHAR(3),

PRIMARY KEY(FLIGHT\_CODE),

FOREIGN KEY(ICAO) REFERENCES AIRLINE(ICAO) ON DELETE CASCADE);

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('6E-683','DEL','HYD','07:40','09:50','2h 10m','IGO');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('I5-764','MAA','DEL','16:45','19:35','2h 50m','IAD');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('SG-608','COK','MAA','10:20','11:35','1h 15m','SEJ');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('I5-1129','BLR','COK','21:10','22:10','1h 0m','IAD');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('G8-121','HYD','BLR','09:35','10:55','1h 20m','GOW');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('UK-910','GOI','BOM','14:40','15:55','1h 15m','VTI');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('G8-365','BOM','AMD','07:35','08:50','1h 15m','GOW');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('6E-751','AMD','CCU','09:50','12:30','2h 40m','IGO');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('SG-274','CCU','PNQ','08:50','11:30','2h 40m','SEJ');

INSERT INTO FLIGHT(FLIGHT\_CODE, SOURCE, DESTINATION, ARRIVAL, DEPARTURE, DURATION, ICAO)

VALUES('G8-452','PNQ','MAA','23:15','01:05','1h 50m','GOW');

CREATE TABLE PASSENGER1

(PID INT NOT NULL,

PASSPORTNO VARCHAR(10) NOT NULL,

PRIMARY KEY(PID,PASSPORTNO));

**-- Inserting values in table: PASSENGER1--**

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(1,'A1234568');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(2,'B9876541');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(3,'C2345698');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(4,'D1002004');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(5,'X9324666');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(6,'B8765430');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(7,'J9801235');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(8,'A1122334');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(9,'Q1243567');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(10,'S1243269');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(11,'E3277889');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(12,'K3212322');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(13,'P3452390');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(14,'W7543336');

INSERT INTO PASSENGER1(PID, PASSPORTNO) VALUES(15,'R8990566');

CREATE TABLE PASSENGER2

(PASSPORTNO VARCHAR(10) NOT NULL,

FNAME VARCHAR(20),

M VARCHAR(1),

LNAME VARCHAR(20),

ADDRESS VARCHAR(100),

PHONE BIGINT,

AGE BIGINT,

SEX VARCHAR(1),

PRIMARY KEY(PASSPORTNO));

**--INSERTING VALUES IN TABLE: PASSENGER2—**

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('A1234568','ALANKRIT','M','GOEL','2230 DURGA APARTMENTS, MAYUR VIHAR, NEW DELHI, INDIA',8080367290,30,'M');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('B9876541','ANKITA','V','AHIR','3456 VIKAS APTS, APT 102,DOMBIVLI, INDIA',8080367280,26,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('C2345698','KHYATI','A','MISHRA','7820 MCCALLUM COURTS, APT 234, DURGAPUR, INDIA',8082267280,30,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('D1002004','ANJALI','S','PATIL','7720 MCCALLUM BLVD, APT 1082, RAJKOT, INDIA',9080367266,23,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('X9324666','TEJASHREE','B','PANDIT','9082 ESTAES OF RICHARDSON, MYLAPORE, INDIA',9004360125,28,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('B8765430','LAKSHMI','P','SHARMA','1110 FIR HILLS, APT 903, PUNE, INDIA',7666190505,30,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('J9801235','AKHILESH','D','JOSHI','345 CHATHAM COURTS, APT 678, MUMBAI, INDIA',9080369290,29,'M');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('A1122334','MANAN','S','LAKHANI','5589 CHTHAM REFLECTIONS, APT 349 MARGO, INDIA',9004335126,25,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('Q1243567','KARAN','M','MOTANI','4444 FRANKFORD VILLA, APT 77, THIRUVANANTHAPURAM, INDIA',9727626643,22,'M');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('S1243269','ROM','A','SOLANKI','7720 MCCALLUM BLVD, APT 2087, HYDERABAD, INDIA',9004568903,60,'M');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('E3277889','John','A','GATES','1234 BAKER APTS, APT 59, PUNE, INDIA',9724569986,10,'M');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('K3212322','SARA','B','GOMES','6785 SPLITSVILLA, APT 34, KHARAGPUR, INDIA',9024569226,15,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('P3452390','ALIA','V','BHAT','548 MARKET PLACE, MUMBAI, INDIA',9734567800,10,'F');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('W7543336','JOHN','P','SMITH','6666 ROCK HILL, APT 2902, CHENNAI, INDIA',4624569986,55,'M');

INSERT INTO PASSENGER2(PASSPORTNO,FNAME,M,LNAME,ADDRESS,PHONE,AGE,SEX)

VALUES('R8990566','RIA','T','GUPTA','3355 PALENCIA, APT 2065, BANGALORE, INDIA',4724512343,10,'M');

CREATE TABLE PASSENGER3

(PID INT NOT NULL,

FLIGHT\_CODE VARCHAR(10),

PASSPORTNO VARCHAR(10) NOT NULL,

PRIMARY KEY(PID),

FOREIGN KEY(FLIGHT\_CODE) REFERENCES FLIGHT(FLIGHT\_CODE) ON DELETE CASCADE,

FOREIGN KEY(PID) REFERENCES PASSENGER1(PID) ON DELETE CASCADE);

**-- INSERTING VALUES INTO TABLE: PASSENGER3--**

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(1,'6E-683','A1234568');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(2,'G8-365','B9876541');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(3,'SG-274','C2345698');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(4,'6E-751','D1002004');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(5,'I5-764','X9324666');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(6,'G8-452','B8765430');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(7,'G8-365','J9801235');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(8,'UK-910','A1122334');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(9,'SG-608','Q1243567');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(10,'G8-121','S1243269');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(11,'G8-452','E3277889');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(12,'SG-274','K3212322');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(13,'G8-365','P3452390');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(14,'I5-764','W7543336');

INSERT INTO PASSENGER3(PID, FLIGHT\_CODE,PASSPORTNO) VALUES(15,'I5-1129','R8990566');

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