* DROP DATABASE IF EXISTS AIRWAYS;

CREATE DATABASE IF NOT EXISTS AIRWAYS;

* **Airport**
* DROP TABLE IF EXISTS AIRWAYS.AIRPORT;

CREATE TABLE AIRWAYS.AIRPORT

(AIRPORTID bigint(4) NOT NULL,AIRPORTNAME varchar(255) NOT NULL,LOCATION varchar(255) NOT NULL,SSN bigint(10) NOT NULL,EMPLOYEEID bigint(7) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL, PRIMARY KEY(AIRPORTID),FOREIGN KEY(SSN) REFERENCES EMPLOYEE(SSN),FOREIGN KEY(EMPLOYEEID) REFERENCES EMPLOYEE(EMPLOYEEID),FOREIGN KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));

* INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)

VALUES ('01','ABC','INDIA','9999999999','7418529');

* INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)

VALUES ('02','XYZ','USA','8888888888','7539514');

* INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)

VALUES ('03','MNO','USA','7777777777','1258746');

* INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)

VALUES ('04','PQR','CANADA','6666666666','7896325');

* INSERT INTO AIRWAYS.AIRPORT (AIRPORTID, AIRPORTNAME, LOCATION, SSN, EMPLOYEEID)

VALUES ('05','LMN','INDIA','9998887775','8547632');

A screenshot of a cell phone

Description automatically generated

* **Card Details**
* DROP TABLE IF EXISTS AIRWAYS.CARDDETAILS;

CREATE TABLE AIRWAYS.CARDDETAILS

(CARDNUMBER bigint(12) NOT NULL,EXPIRATIONDATE date NOT NULL,CVV bigint(4) NOT NULL,PAYMENTID bigint(10) NOT NULL, PRIMARY KEY(CARDNUMBER),FOREIGN KEY(PAYMENTID) REFERENCES PAYMENT(PAYMENTID));

* INSERT INTO AIRWAYS.CARDDETAILS (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('0000000000001','2019-12-01','111','1112223330');

* INSERT INTO AIRWAYS.CARDDETAILS (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('0000000000002','2024-11-01','222','4455332211');

* INSERT INTO AIRWAYS.CARDDETAILS (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('0000000000003','2021-10-01','333','2233558844');

* INSERT INTO AIRWAYS.CARDDETAILS (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('0000000000004','2022-09-01','444','6644402114');

* INSERT INTO AIRWAYS.CARDDETAILS (CARDNUMBER, EXPIRATIONDATE, CVV, PAYMENTID)

VALUES ('0000000000005','2020-07-01','555','7788998877');

A screenshot of a social media post

Description automatically generated

* **Employee**
* DROP TABLE IF EXISTS AIRWAYS.EMPLOYEE;

CREATE TABLE AIRWAYS.EMPLOYEE

(SSN bigint(10) NOT NULL,EMPLOYEEID bigint(7) NOT NULL,NAME varchar(255) NOT NULL,PHONENUMBER bigint(10) NOT NULL,EMAILID varchar(255) NOT NULL, PRIMARY KEY(SSN));

* INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)

VALUES ('9999999999','7418529','ASHUTOSH','7897897897','ASHUTOSH@GMAIL.COM');

* INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)

VALUES ('8888888888','7539514','KENIL','4566545654','KENIL@GMAIL.COM');

* INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)

VALUES ('7777777777','1258746','YASH','1231231231','YASH@GMAIL.COM');

* INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)

VALUES ('6666666666','7896325','PARTH','7417417417','PARTH@GMAIL.COM');

* INSERT INTO AIRWAYS.EMPLOYEE (SSN, EMPLOYEEID, NAME, PHONENUMBER, EMAILID)

VALUES ('9998887775','8547632','TEJAS','9519519519','TEJAS@GMAIL.COM');

A screenshot of a cell phone

Description automatically generated

* **Flight**
* DROP TABLE IF EXISTS AIRWAYS.FLIGHT;

CREATE TABLE AIRWAYS.FLIGHT

(FLIGHTNUMBER bigint(5) NOT NULL,FLIGHTTYPE varchar(255) NOT NULL,CAPACITY bigint(3) NOT NULL,SSN bigint(10) NOT NULL,EMPLOYEEID bigint(7) NOT NULL, PRIMARY KEY(FLIGHTNUMBER),FOREIGN KEY(SSN) REFERENCES EMPLOYEE(SSN),FOREIGN KEY(EMPLOYEEID) REFERENCES EMPLOYEE(EMPLOYEEID));

* INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00000','SMALL','500','9999999999','7418529');

* INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00001','MEDIUM','700','8888888888','7539514');

* INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00002','BIG','900','7777777777','1258746');

* INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00003','SMALL','500','6666666666','7896325');

* INSERT INTO AIRWAYS.FLIGHT (FLIGHTNUMBER, FLIGHTTYPE, CAPACITY, SSN, EMPLOYEEID)

VALUES ('00004','BIG','900','9998887775','8547632');

A screenshot of a cell phone

Description automatically generated

* **Flight Schedule**
* DROP TABLE IF EXISTS AIRWAYS.FLIGHTSCHEDULE;

CREATE TABLE AIRWAYS.FLIGHTSCHEDULE

(ARRIVALTIME time NOT NULL,DEPARTURETIME time NOT NULL,ARRIVALLOCATION varchar(255) NOT NULL,DEPARTURELOCATION varchar(255) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL,FOREIGN KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));

* INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('12:00:00','14:00:00','USA','INDIA','00000');

* INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('13:00:00','15:00:00','INDIA','USA','00001');

* INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('14:00:00','16:00:00','USA','LONDON','00002');

* INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('15:00:00','17:00:00','AUSTRALIA','USA','00003');

* INSERT INTO AIRWAYS.FLIGHTSCHEDULE (ARRIVALTIME, DEPARTURETIME, ARRIVALLOCATION, DEPARTURELOCATION, FLIGHTNUMBER)

VALUES ('16:00:00','18:00:00','CANADA','LONDON','00004');

A screenshot of a social media post

Description automatically generated

* **Passenger**
* DROP TABLE IF EXISTS AIRWAYS.PASSENGER;

CREATE TABLE AIRWAYS.PASSENGER

(SSN bigint(10) NOT NULL,Name varchar(255) NOT NULL,ADDRESS varchar(255) NOT NULL,EMAILID varchar(255) NOT NULL,PHONENUMBER bigint(10) NOT NULL, PRIMARY KEY(SSN));

* INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)

VALUES ('1111111111','SAMIP','ARLINGTON','SAMIP@GMAIL.COM','1234567890');

* INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)

VALUES ('2222222222','NIRMIT','ARLINGTON','NIRMIT@GMAIL.COM','2345678901');

* INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)

VALUES ('3333333333','AASHU','DALLAS','AASHU@GMAIL.COM','3456789012');

* INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)

VALUES ('4444444444','ABHINN','AHMEDABAD','ABHINN@GMAIL.COM','4567890123');

* INSERT INTO AIRWAYS.PASSENGER (SSN, NAME, ADDRESS, EMAILID, PHONENUMBER)

VALUES ('5555555555','AKSHIL','LONDON','AKHIL@GMAIL.COM','5678901234');

A screenshot of a cell phone

Description automatically generated

* **Payment**
* DROP TABLE IF EXISTS AIRWAYS.PAYMENT;

CREATE TABLE AIRWAYS.PAYMENT

(PAYMENTID bigint(10) NOT NULL,PAYMENTAMOUNT bigint NOT NULL,SSN bigint(10) NOT NULL,TICKETID bigint(7) NOT NULL, PRIMARY KEY(PAYMENTID),FOREIGN KEY(SSN) REFERENCES PASSENGER(SSN),FOREIGN KEY(TICKETID) REFERENCES TICKET(TICKETID));

* INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN, TICKETID)

VALUES ('1112223330','1000','1111111111','1234567');

* INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN, TICKETID)

VALUES ('4455332211','2000','2222222222','2345678');

* INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN, TICKETID)

VALUES ('2233558844','1500','3333333333','3456789');

* INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN, TICKETID)

VALUES ('6644402114','3000','4444444444','4567890');

* INSERT INTO AIRWAYS.PAYMENT (PAYMENTID, PAYMENTAMOUNT, SSN, TICKETID)

VALUES ('7788998877','2500','5555555555','5678901');

A screenshot of a cell phone

Description automatically generated

* **Ticket**
* DROP TABLE IF EXISTS AIRWAYS.TICKET;

CREATE TABLE AIRWAYS.TICKET

(TICKETID bigint(7) NOT NULL,SEATNUMBER bigint(3) NOT NULL,SSN bigint(10) NOT NULL,FLIGHTNUMBER bigint(5) NOT NULL, PRIMARY KEY(TICKETID),FOREIGN KEY(SSN) REFERENCES PASSENGER(SSN),FOREIGN KEY(FLIGHTNUMBER) REFERENCES FLIGHT(FLIGHTNUMBER));

* INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)

VALUES ('1234567','123','1111111111','00000');

* INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)

VALUES ('2345678','456','2222222222','00001');

* INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)

VALUES ('3456789','789','3333333333','00002');

* INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)

VALUES ('4567890','963','4444444444','00003');

* INSERT INTO AIRWAYS.TICKET (TICKETID, SEATNUMBER, SSN, FLIGHTNUMBER)

VALUES ('5678901','741','5555555555','00004');

A screenshot of a cell phone

Description automatically generated