**CREATE Database:**

DROP DATABASE IF EXISTS AIRPORT;

GO

CREATE DATABASE AIRPORT;

GO

**CREATE Tables:**

USE AIRPORT

GO

CREATE TABLE PLANE (

Plane\_Number VARCHAR(36) PRIMARY KEY,

Capacity INT,

Airplane\_Name VARCHAR(64)

);

CREATE TABLE MANAGEMENT (

Management\_ID VARCHAR(36) PRIMARY KEY,

First\_Name VARCHAR(64),

Last\_Name VARCHAR(64),

Passwords VARCHAR(64),

Email VARCHAR(64),

ID\_Number INT,

Role\_ID VARCHAR(36)

);

CREATE TABLE MEMBER (

Member\_ID VARCHAR(36) PRIMARY KEY,

First\_Name VARCHAR(64),

Last\_Name VARCHAR (64),

Passwords VARCHAR(64),

Email VARCHAR(64),

ID\_Number INT

);

CREATE TABLE DESTINATION (

Destination\_ID VARCHAR(3) PRIMARY KEY,

Airport\_Name VARCHAR(64),

City\_Name VARCHAR(64),

Province VARCHAR(64)

);

CREATE TABLE FLIGHTS (

Flight\_Number VARCHAR(36) PRIMARY KEY,

Destination\_ID VARCHAR(3) FOREIGN KEY REFERENCES DESTINATION(Destination\_ID),

Departure\_Date DATETIME,

Departure\_Time DATETIME,

Plane\_Number VARCHAR(36) FOREIGN KEY REFERENCES PLANE(Plane\_Number),

Gate\_Number VARCHAR(36),

Status VARCHAR(64),

Price SMALLMONEY

);

CREATE TABLE BOOKING (

Booking\_Number VARCHAR(36) PRIMARY KEY,

Member\_ID VARCHAR(36) FOREIGN KEY REFERENCES MEMBER(Member\_ID),

Flight\_Number VARCHAR(36) FOREIGN KEY REFERENCES FLIGHTS(Flight\_Number),

Booking\_Date DATETIME

);

**INSERT Statements:**

USE AIRPORT

GO

INSERT INTO BOOKING (Booking\_Number, Member\_ID, Flight\_Number, Booking\_Date)

VALUES ('BK1','M01', 'FT322', 22-09-15)

INSERT INTO DESTINATION (Destination\_ID, Airport\_Name, City\_Name, Province)

VALUES ('CPT', 'Cape Airlines', 'CapeTown', 'Western Cape')

INSERT INTO PLANE (Plane\_Number, Capacity, Airplane\_Name)

VALUES ('P1', 11, 'Fasty')

INSERT INTO MANAGEMENT (Management\_ID, First\_Name, Last\_Name, Passwords, Email, ID\_Number, Role\_ID)

VALUES ('MAN1', 'Jan', 'Fourie', '1234', 'jan@gmail.com', 258963741, 'Manager')

INSERT INTO MEMBER (Member\_ID, First\_Name, Last\_Name, Passwords, Email, ID\_Number)

VALUES ('MEM1', 'Koos', 'VDM', '1111', 'koos@gmail.com', 123456789)

INSERT INTO FLIGHTS (Flight\_Number, Destination\_ID, Departure\_Date, Departure\_Time, Plane\_Number, Gate\_Number, Status, Price)

VALUES ('FT322', 'CPT', 22-09-15, null, 'P1', 'G1', 'Available', 2000)