CREATE DATABASE airline;  
  
CREATE TABLE airline\_info(  
 airline\_id INT PRIMARY KEY,  
 airline\_code VARCHAR(30) NOT NULL,  
 airline\_name VARCHAR(30) NOT NULL,  
 airline\_country VARCHAR(30) NOT NULL,  
 created\_at TIMESTAMP,  
 update\_at TIMESTAMP,  
 info VARCHAR(50)  
);  
CREATE TABLE Airport (  
 airport\_id INT PRIMARY KEY,  
 airport\_name VARCHAR(50) NOT NULL,  
 country VARCHAR(50),  
 state VARCHAR(50),  
 city VARCHAR(50),  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP  
);  
CREATE TABLE Baggage\_check (  
 baggage\_check\_id INT,  
 check\_result VARCHAR(50),  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 booking\_id INT,  
 passenger\_id INT,  
 PRIMARY KEY(baggage\_check\_id,booking\_id,passenger\_id)  
);  
CREATE TABLE Baggage (  
 baggage\_id INT ,  
 weight\_in\_kg DECIMAL(4,2),  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 booking\_id INT,  
 PRIMARY KEY(baggage\_id,booking\_id)  
);  
CREATE TABLE Boarding\_pass (  
 boarding\_pass\_id INT,  
 booking\_id INT,  
 seat VARCHAR(50),  
 boarding\_time TIMESTAMP,  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 PRIMARY KEY(boarding\_pass\_id,booking\_id)  
);  
CREATE TABLE Booking\_flight (  
 booking\_flight\_id INT,  
 booking\_id INT,  
 flight\_id INT,  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 PRIMARY KEY(booking\_id,booking\_flight\_id,flight\_id)  
);  
CREATE TABLE Booking (  
 booking\_id INT,  
 flight\_id INT,  
 passenger\_id INT,  
 booking\_platform VARCHAR(50),  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 status VARCHAR(50),  
 price DECIMAL(7,2),  
 PRIMARY KEY(booking\_id,flight\_id,passenger\_id)  
);  
CREATE TABLE Flights (  
 flight\_id INT,  
 sch\_departure\_time TIMESTAMP,  
 sch\_arrival\_time TIMESTAMP,  
 departing\_airport\_id INT,  
 arriving\_airport\_id INT,  
 departing\_gate VARCHAR(50),  
 arriving\_gate VARCHAR(50),  
 airline\_id INT,  
 act\_departure\_time TIMESTAMP,  
 act\_arrival\_time TIMESTAMP,  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 PRIMARY KEY(flight\_id,departing\_airport\_id,arriving\_airport\_id,airline\_id)  
);  
CREATE TABLE Passengers (  
 passenger\_id INT,  
 first\_name VARCHAR(50),  
 last\_name VARCHAR(50),  
 date\_of\_birth DATE,  
 gender VARCHAR(50),  
 country\_of\_citizenship VARCHAR(50),  
 country\_of\_residence VARCHAR(50),  
 passport\_number VARCHAR(20),  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 PRIMARY KEY(passenger\_id)  
);  
CREATE TABLE Security\_check (  
 security\_check\_id INT,  
 check\_result VARCHAR(20),  
 created\_at TIMESTAMP,  
 updated\_at TIMESTAMP,  
 passenger\_id INT,  
 PRIMARY KEY(security\_check\_id,passenger\_id)  
);  
ALTER TABLE Airline\_info RENAME TO Airline;  
ALTER TABLE Booking RENAME COLUMN price TO ticket\_price;  
ALTER TABLE Flights ALTER COLUMN departing\_gate TYPE TEXT;  
ALTER TABLE Airline DROP COLUMN info;