Task 8: Stored Procedures and Functions

Stored Procedure

GetPassengerBookings(p_name VARCHAR)

Returns all bookings for a given passenger

Pilots

pilot_id: INT (PK)

pilot_name: VARCHAR(100)

Function

CountBookingsForFlight(flightName VARCHAR)

Returns INT (Total Bookings)

filters by passenger name

assigns

filters by flight name

joins flight info

Passengers

passenger_id: INT (PK)

passenger_name: VARCHAR(100)
phone_number: VARCHAR(15)

reads booking data

makes

Flights

flight_id: INT (PK)

flight_name: VARCHAR(255)
departure_year: INT
pilot_id: INT (FK)

includes

Bookings

booking_id: INT (PK)

flight_id: INT (FK)
passenger_id: INT (FK)
booking_date: DATE
travel_date: DATE

counts total bookings