Flight Management System

Features and Requirements

1. For User
2. Register

User can Register with name, email, password , mobile no. And role will be by default User where email should be unique.(DTO needed).

1. Login

User can login with email and Password (DTO required)

And he will get the token in return (DTO Needed).

1. View All Flights From Source to destination one specified date

User will input the flight start point and end point and Date on which he want to go (DTO required)

In return he will get the flight detail (DTO required).

1. Book flight

User can book the flight by entering the flight number

And the Passenger list as an list of object (DTO required)

And In return he gets the booking details.

1. Make Payment

User will make the payment by Booking Id and other things. I need to figure it out (Some Confusion as of now)

1. Cancel flight

User can cancel the flight by booking Id (DTO Needed)

1. View All upcoming flights

User need to provide userId

1. View All Old flights

User need to provide userId

1. For Admin
2. Login

Login with email and password and get the token

Done via (DTO)

1. Add, update, delete and get Flight and route

Admin can Add flights and routes

He can update the details of flight and

1. Add, update, delete and get schedule

Admin can schedule the flight on any route and can add price seat and all details

And he can also update and delete the schedule of any schedule

1. Manage Bookings (view bookings)

He can have overview of all the bookings . he can see all upcoming bookings and their payment status

ERD For Flight Management System

