Spring Boot/Angular Assignment Case Study

BookMyFlight.com

Create an application that acts as a platform for Online Flight Booking for Air travelers.

The platform allows Vendors to Post their flight Information which is then made available for booking for platform Users/Customers.

[Form to be Filled by Vendor]

BookMyFlight

Welcome American Airlines

From / Source :   [ex. New york]

To / Destination: [ex. london]

Departure Date: [dd-mm-yyyy 📅]

Departure Time: [consider 24 hour clock]

Arrival Date: [dd-mm-yyyy 📅]

Arrival Time: [consider 24 hour clock]

Journey Duration: [ex. 2 hours, 30 mins]

Fare / Adult: [$]

Fare / Child: [$]
   (less than 12 months old)

Total Seats: [ex. 100]

Post Flight

The Platform allows its customer/visitors to Search flights by departure, Arrival and Departure date.

| FROM | ex. New york | Departure Date | |
| TO | ex. london | dd-mm-yyyy □ | SEARCH FLIGHTS |

After Querying the database as per given information, all the flight details are displayed on the screen.

AIRLINES	DEPARTURE	DURATION	ARRIVAL	FARE/Person	
American Airlines	21.15 New york	9h30m	06.45 London	$600	Book
British Airways	22.00 New york	9h45m	07.45 London	$620	Book

After the Customer clicks on Book button, the application must display Booking Confirmation Screen to the Customer

BookMyFlight

Booking Confirmation

British Airways

FROM	**TO**
New york 22.00	London 07.45

Fare: $620 /Adult $300 /Child

No. of Adults   [1 ⬍]   No. of Children   [0 ⬍]

Total Fare: $620

Technologies to be Used for developing the application:

Backend Rest API(s): Spring Boot Framework

Database: MySQL

UI: Angular 14