

### **CO3-4: Assignment 3:** Airline Ticket booking sight “*Book My Flight*”

**Submission due: March 25-29, 2024**

Implement a web application for “*Book My Flight*” using Spring framework to implement the following use-case.

A list of current special deals must appear on the home page. Each special deal must display the departure city, the arrival city, and the cost. These special deals are set up by the marketing department and change during the day, so it can't be static. Special deals are only good for a limited amount of time.

A customer would select a special deal and should be able to book a flight. (S)He may not register using username password for booking a flight. A phone no could be used instead.

Technical requirements:

1. State and explain why and where you have used design patterns.
2. If possible, please write the front end using React JS (<https://reactjs.org/>) or Thymeleaf (<https://www.thymeleaf.org/>). Both will be given same credit.
3. You may or may not use HTTP sessions. It is optional here.
4. CRUD service for the special deals should be given. An admin would typically create or update a deal.
5. Any relational database would be preferred, for example, H2 or MySQL.