

Assignment 4: Airline travel site “Fly High”

Submission due:

Use Case 1: March 13-16, 2023

Both use cases : March 20-23, 2023

Implement a web application for “Fly High” using servlets/Spring to support the following two use cases

1. A user may search for flights, given a departure city, time and an arrival city. The results must display the departure city, the arrival city, the total cost, and how many legs the flight will have. Depending on the hometown of the user (if available), show the salient flights to the capital in the homepage.
2. 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. Include a chatbot that will push the special deals advertisements.

State and explain why and where you have used design patterns. If possible, please write the front end using React JS (<https://reactjs.org/>) or Angular JS or Thymeleaf (<https://www.thymeleaf.org/>).