

Q5 (15 points): We want to improve Q4 by adding a booking date, which is the date a passenger makes a booking. Note that a passenger can make bookings for multiple flights. Discuss your solution. No need to write code

A potential solution to this problem would be to add a vector of booking dates to the Flight class that updates synchronously with the vector of passengers. Therefore, when getting a specific passenger, the same index number can be used to retrieve the booking date for that passenger. Due to this vector being stored in the flight class each flight object will/can have a unique booking date vector corresponding to its passenger vector.