Team Shelby – Java Take Home Assignment

Add backend API (REST or GraphQL) in Java that would allow to add, change and cancel flight reservation.

- there are only 4 flights available, with IDs {1, 2, 3, 4}.
- All flights are one-time flights that will depart in a distant future, so no restrictions based on date
- Seat capacity for each of the flights is: {10, 20, 30 , 40} respectively.
- Support single person reservations only.
- Only one flight can be booked at a time.
- NO seat selection is available or permitted.
- One person cannot book the same flight more than once, but can book more than one flight.
- Assume a single service only, no scaling.
- All reservations are in memory (use any Java collection), no persistent storage of any kind.
- Any requirements/behavior not listed above is UNDEFINED and is up to you to implement or not implement.