* A ***participant***is recorded together with their identifier, name, age, username, email address, phone number, and address. A ***participant*** can be associated with multiple ***bookings****.*
* A ***booking***is recorded with its identifier and the number of *tickets* that a particular ***booking***is referred to. A newly created ***booking***is made by exactly one ***participant***for exactly one ***concert***. A ***booking***belongs to a single ***concert***and a single ***participant****.* A ***booking***can be associated with multiple ***tickets****.*
* A ***ticket***is recorded together with its identifier, type (simple, pro, ultimate), and price. A ***ticket***belongs to exactly one ***booking****.*
* A ***concert***is recorded together with its identifier, date, and number of tickets reserved for the particular ***concert***. Each ***concert*** is associated with exactly one ***location***. There’s no ***concert*** without *location*. A ***concert*** can be associated with multiple ***bookings***.
* A ***location***is recorded together with its identifier, name, and capacity. A ***location*** can be associated with multiple ***concerts***.

The system should provide several operations for creating/modifying/destroying ***participants***, ***bookings***, ***tickets***, ***concerts****, and* ***locations***. The system should also provide operations for increasing and decreasing the number of tickets for a particular booking and for a concert.

Constraints:

1. To each type of ***ticket*** a correspondent ***ticket***price must be allocated.
2. Multiple ***concerts*** can take place in the same ***location***. However, the dates of the ***concerts*** must not intersect each other.
3. A ***participant*** can have multiple ***bookings****.* However, a ***participant*** must not have multiple ***bookings*** for the same ***concert***.
4. A ***participant***can make a ***booking*** for a maximum of 10 tickets.
5. The number of ***tickets*** for a particular ***concert*** must not exceed the ***location’s*** capacity where it will take place.

