**ROOM BOOKING**

Students: Pham Kim Phuong

Melika Mali

Delphine

## Description

Build a booking API including these functions:

* /Rooms: Get a list of rooms 🡺 For customer to consult
* /Rooms/Search: Search a room by city name, number of bedroom and price.
  + User can filter one criteria or all of them.
  + If user don’t filter, the search will display all available rooms.
* /Customer: Create new customer during reservation without register
* /Customer/{customer\_ID}: Read customer when he login
* /Rooms/Reservation/: Make a reservation
* /Rooms/Cancellation/: Cancel a reservation

(More detail in Swagger: )

## Technical specifications

1. **Building blocks:** 
   * A web service provider using Spring boot and using postman to test with Json files.
   * CRUD functions using: Create, update and delete entry
2. **Data storage**:

* My own implementation : Storing data in a List.

## Project presentation: