Hotels Microservice

Hotels attributes:

```
public String name;
public String address;
public String phone;
public String description;
public float category;
public List<String> facilities;
public List<String> rooms;
```

Fields name, address, phone, description, category and facilities are obligatory. If the field named "rooms" does not present data, then the message "No data to display! Contact the hotel for more information!" will be displayed.

The hotel API accepts client calls in the form of URL based requests and delivers a response in the form of a JSON object containing the data being queried in the request. The URL must have one of the following formats:

- */hotels* : returns the information of all the hotels available

- */hotels/{hotelID}* : returns the information of all the hotels available with the specific ID   e.g. *"/hotels/12"*

Types of filtering:

- "category-max=number" – shows the hotels with the rating under the given number   e.g. *"/hotels?* category-max=9"

- "category-min=number" – shows the hotels with the rating above the given number e.g. *"/hotels?* category-min=9.5"

- "category-ord=desc/asc" – orders the hotels after ratings e.g. *"/hotels?* category-ord=asc"

- "page=number" : shows the n-th page   e.g. *"/hotels?*page=2"

- "pageSize=number": sets the number of hotels on a page equal to number   e.g. *"/hotels?*pageSize=5"