

HRS HOTEL GUEST & PARCEL DEMO APPLICATION

Problem Statement : Receptionists have to accomplish various tasks throughout the day when operating a hotel. One of those tasks is to accept parcels for guests.

- It happens, that receptionists accept parcels for guests, that was already checked out of the hotel.
- It happens from time to time, that guests forget to pick up their parcels before check-out and even forget it then.

Requirements

- 1.The receptionist needs a tracking tool that knows to any given time which guests are checked into the hotel and have not checked out, to allow the receptionist to decide whether to accept the parcel or not.
- 2.The tracking tool should further allow the receptionist to check for parcels available for pick-up when the guest is checking out.

#How to compile & test & build & dockerize project & run

```
git clone https://github.com/sunels/hrsdemo.git
```

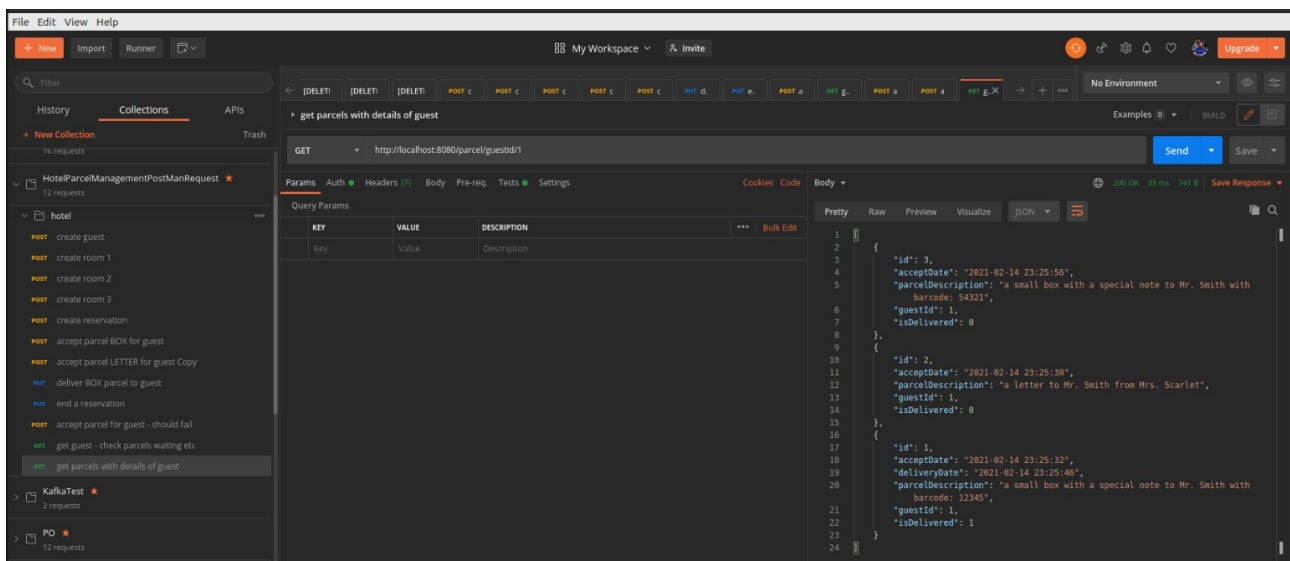
```
mvn clean package
```

```
java -jar /home/sunels/Downloads/hrsdemo/target/demov1-0.0.1-SNAPSHOT.jar
```

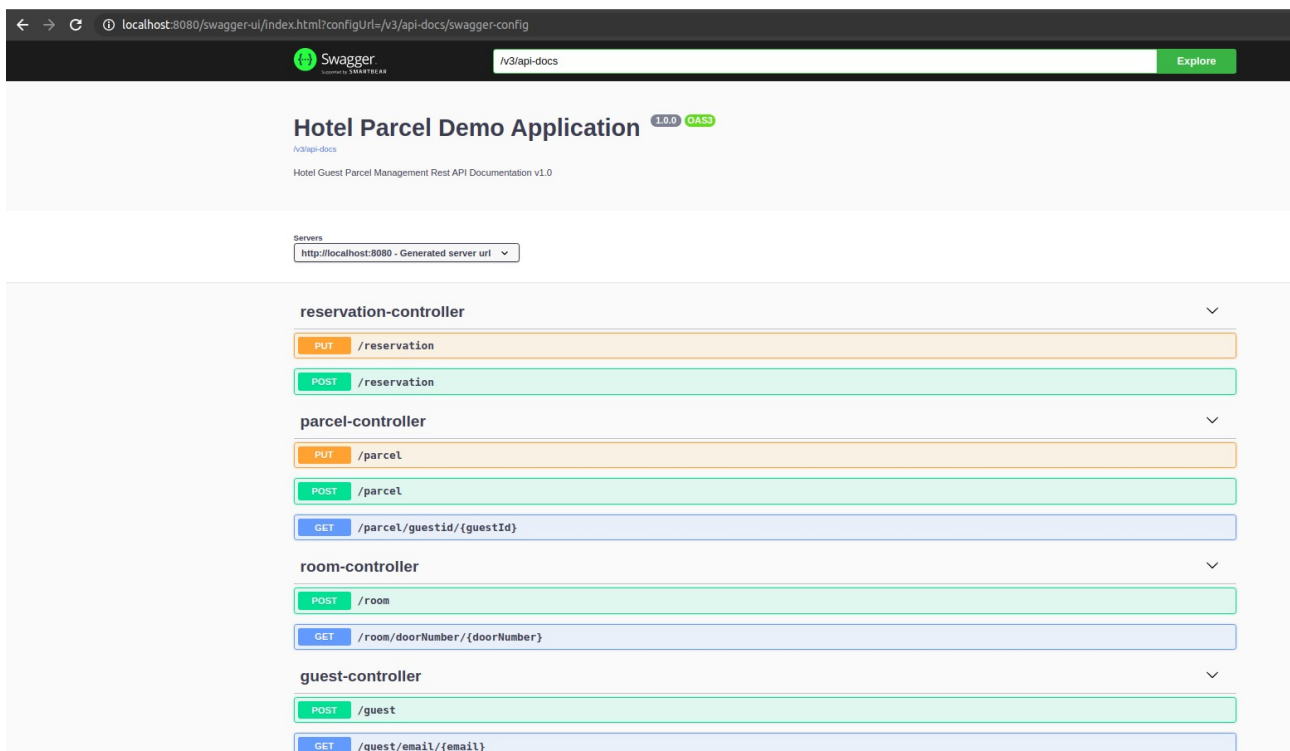
#How to Test with Postman

Import the file 'HotelParcelManagement_Postman_Collection.json' in **Postman** then execute the request with the default order. Requests are ordered to see expected results.

- Create Guest
- Create rooms
- Create reservation
- Accept parcel box for the guest
- Accept parcel letter for the guest
- Deliver parcel box to the guest, should not fail !
- End the reservation for the guest
- Try accept parcel for the guests after ending reservation, should fail !
- Get guest profile with the list of delivered and waiting parcels and reservation id
- List all parcel information for the given guestId



#Swagger Endpoint: <http://localhost:8080/swagger-ui.html>



#Database Design Schema & Snapshot

