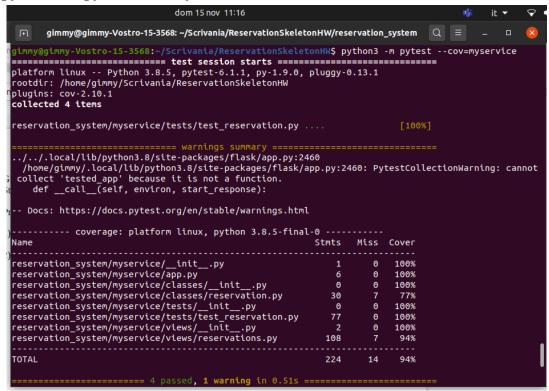
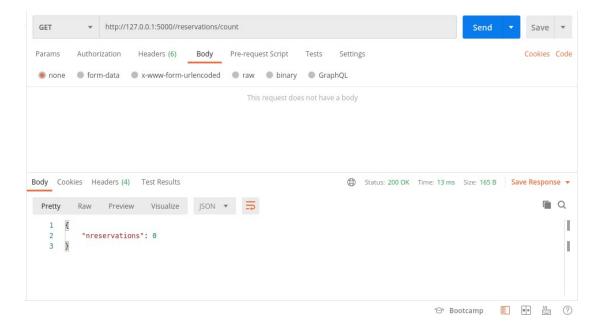
Proposed Solution

- 1) link to the GitHub repository of the project: https://github.com/GDiRit/diRito_Gianmaria_hw
- 2) screenshot of the successful execution of myservice/tests/test_reservation.py with the command **python3** -m **pytest** --cov=myservice:

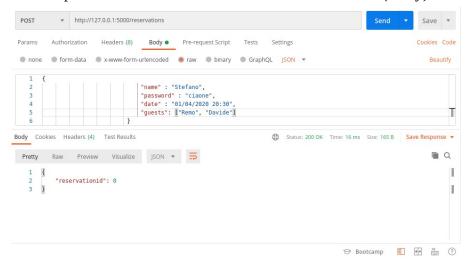


- 3) the screenshots of the tests provided in test_reservation.py, performed with PostMan for all operations:
- 1) no loaded reservation

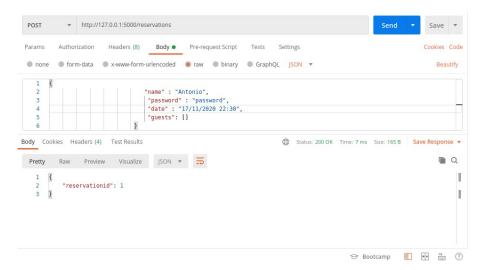


2) create 3 reservations:

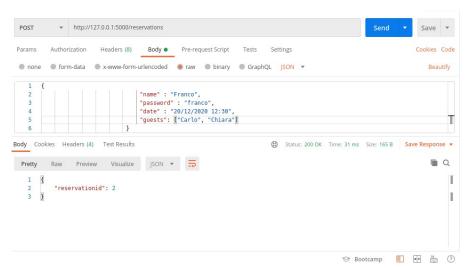
this is a past reservation with date 01/04/2020 < 15/11/12 (today)



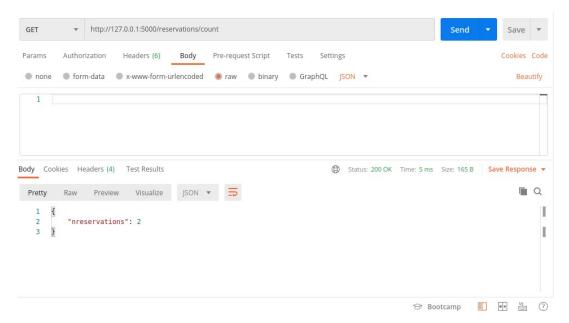
this is future reservation with date 17/11/2020 > 15/11/12 (today)



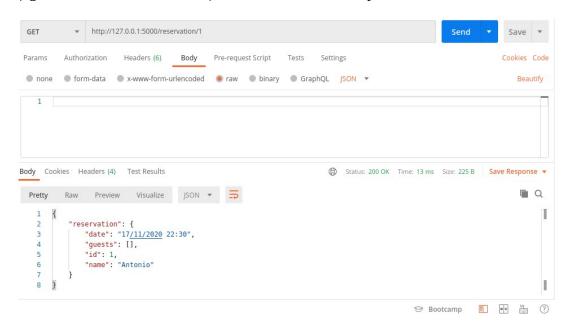
this is future reservation with date 20/12/2020 > 15/11/12 (today)



3) get the number of future reservations



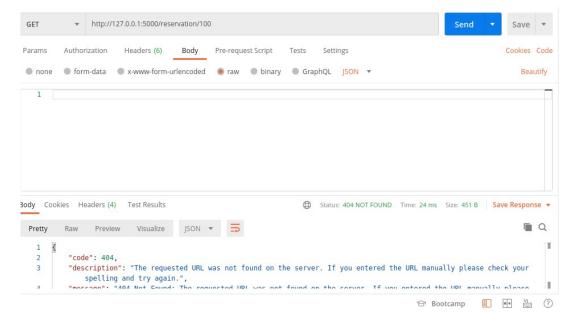
4) get the second reservations (return the same data we pass for create the second reservation)



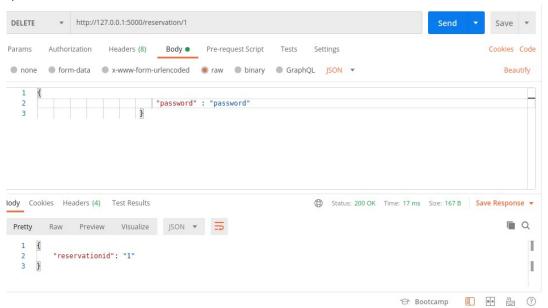
5) get future reservations (return only the data of the second and third reservations)

```
▼ http://127.0.0.1:5000/reservations
                                                                                                                       Save ▼
          Authorization Headers (6)
                                       Body
                                               Pre-request Script
Body Cookies Headers (4) Test Results
                                                                           ⊕ Status: 200 OK Time: 65 ms Size: 314 B Save Response ▼
                                                                                                                          ■ Q
          Raw Preview Visualize JSON ▼ 5
 Pretty
            "futurereservations": [
                    "date": "17/11/2020 22:30",
"guests": [],
                    "id": 1,
"name": "Antonio"
                    "date": "20/12/2020 12:30",
                    "guests": [
   11
                        "Carlo",
   12
   13
                       "Chiara"
   14
                    "id": 2,
"name": "Franco"
   15
   16
```

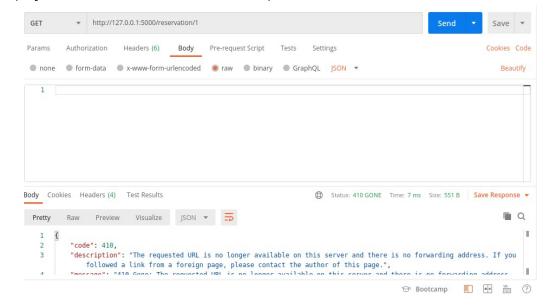
6) try to retrieve a non-existing reservation (code 404: the resource dose not exist)



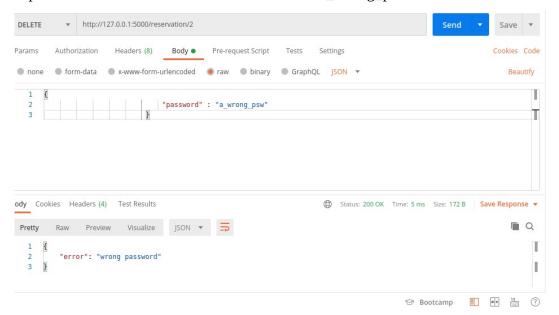
7) delete a second reservation



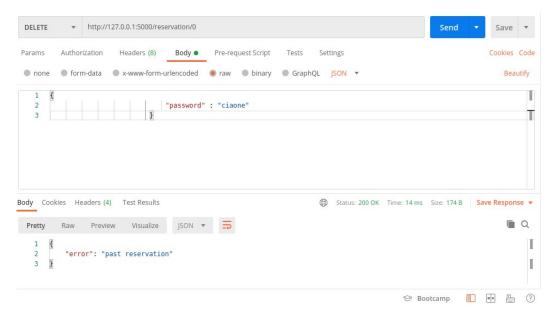
8) try to retrieve the deleted reservation (code 410: reservation existed but it's not there anymore)



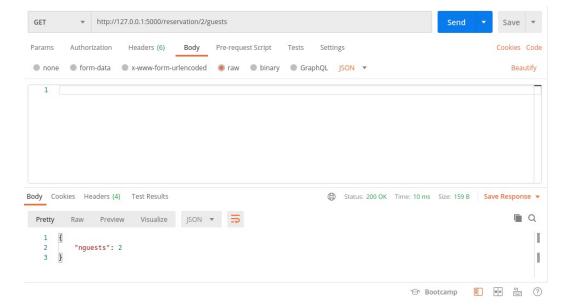
9) attempt deleting a reservation with wrong password password of third reservation is "franco" != "a_wrong_psw"



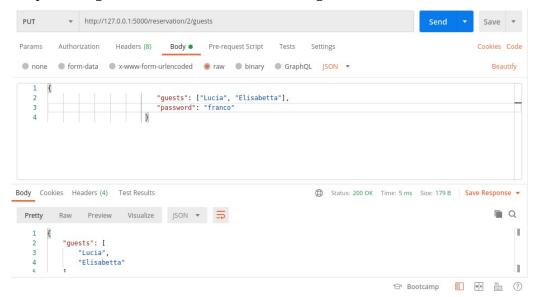
10) attempt deleting a past reservation (try to delete the first reservation which is the only past)



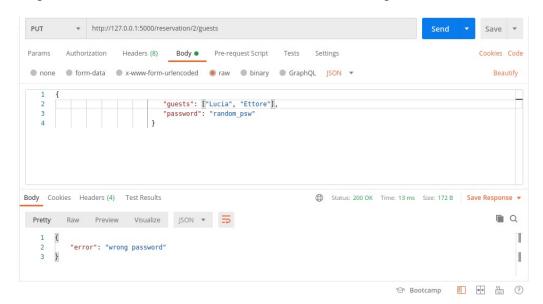
11) check number of guests (of the third reservation where guests=["Carlo", "Chiara"])



12) change the list of guests (of the third reservation) previous guests = ["Carlo", "Chiara"], new guests = ["Lucia", "Elisabetta"]



13) attempt changing list of guests with wrong password password of third reservation is "franco" != "random_psw"



14) attempt changing list of guests of past reservation try to changing list of guests of first reservation which is the only past

