DocumentationHotelReservation

Server Folder:

1. **package.json**

   - change script test to script start : nodemon app.js
   - and add type: "module"

   Example

   ```
   "scripts": {
     "start": "nodemon app.js"
   },
   "keywords": [],
   "type": "module",
   ```

2. **config/default.json** & **config/production.json**

   - change myIP with local host or your private ipv4
   - change dbConnectUrl with your mongodb atlas url
   - make sure your current ip is listed in the mongodb atlas entry from network access

   Example :

```
server > config > {} default.json > ...
   1    {
   2        "myIP": "http://_____",
   3        "dbConnectUrl": "mongodb+srv://_____@cluster____.mongodb.net/",
   4        "emailkeys": {
   5            "host": "mail_____.com",
   6            "auth": {
   7                "user": "_____.com",
   8                "pass": "_____"
   9            },
  10            "port": ___
  11        },
  12        "jwt_secret_key": "jwtSecretKey",
  13        "crypt_secret_key": "cryptoSecretKey"
  14    }
```

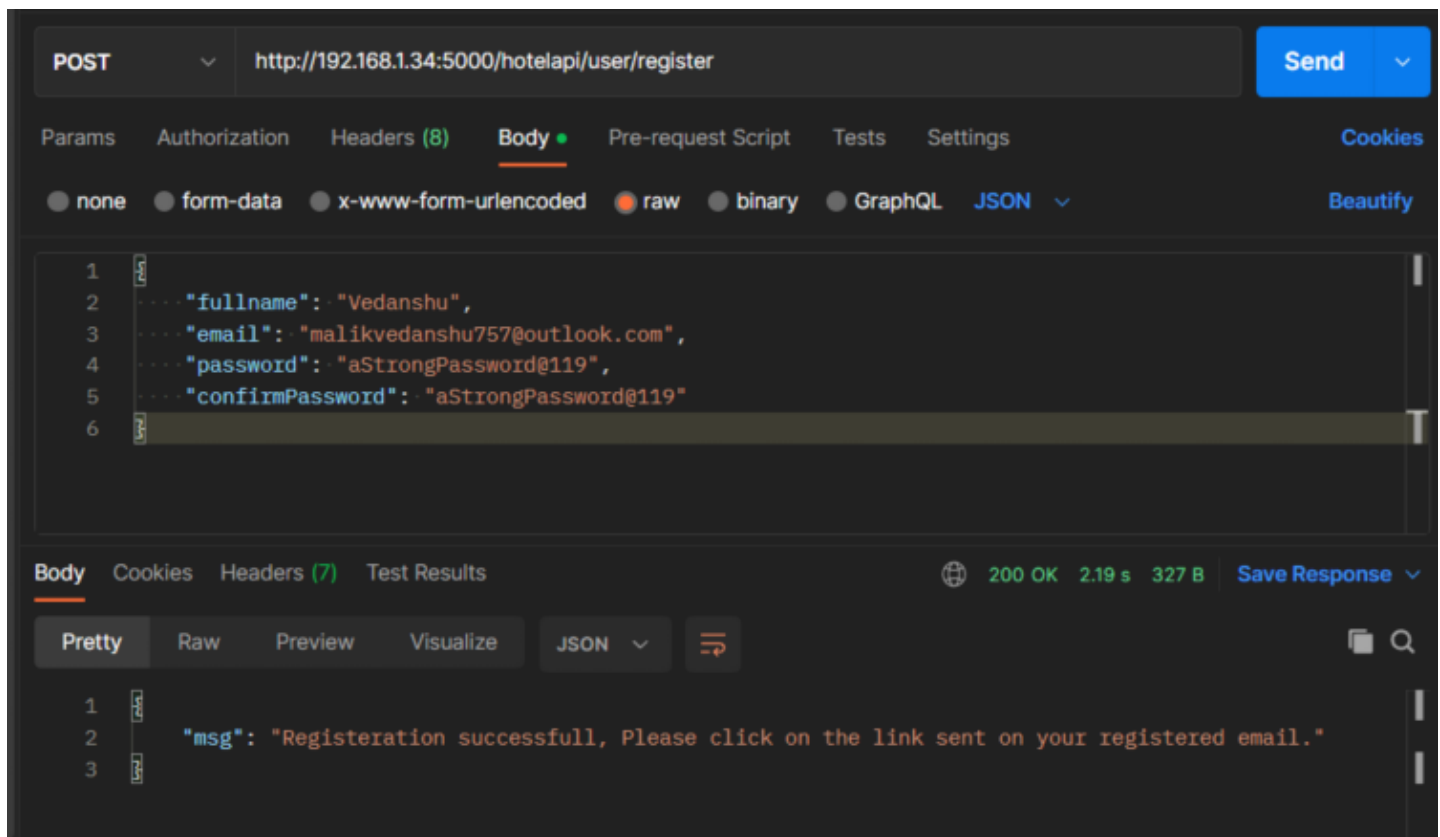3. > **npm start**

4. **Open postman to test routes.**
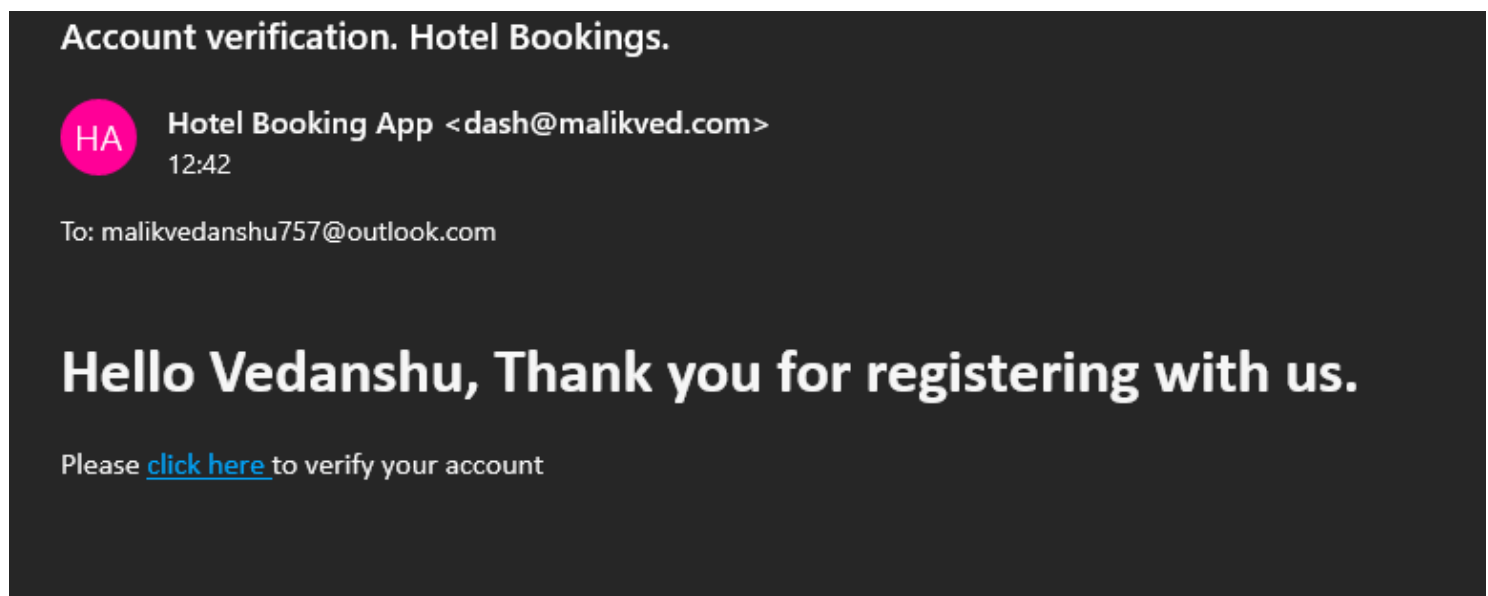   *note : navigate to body > raw > json to test all the routes*

   Method POST
   URL : http://192.168.1.34:5000/hotelapi/user/register
change according to machine ipv4 or to localhost
   valid data : {   "fullname": "Vedanshu",   "email":
"malikvedanshu757@outlook.com",   "password":
"aStrongPassword@119",   "confirmPassword":
"aStrongPassword@119"}

```
POST        ∨    http://192.168.1.34:5000/hotelapi/user/register                    Send  ∨

Params   Authorization   Headers (8)   Body •   Pre-request Script   Tests   Settings          Cookies

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL   JSON ∨      Beautify

1  {
2  ····"fullname": ·"Vedanshu",
3  ····"email": ·"malikvedanshu757@outlook.com",
4  ····"password": ·"aStrongPassword@119",
5  ····"confirmPassword": ·"aStrongPassword@119"
6  }

Body   Cookies   Headers (7)   Test Results          ⊕  200 OK  2.19 s  327 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨   ⇄

1  {
2      "msg": "Registeration successfull, Please click on the link sent on your registered email."
3  }
```

5. User will recieve a email to verify,

Account verification. Hotel Bookings.

HA Hotel Booking App <dash@malikved.com>
    12:42

To: malikvedanshu757@outlook.com

Hello Vedanshu, Thank you for registering with us.

Please click here to verify your account

- click on **click here** to verify
- user will promt to webpage with msg : your account is verified
-

```
// 20230206124832
//
http://192.168.1.34:5000/hotelapi/user/verify/eyJh
OiI4Z0hKa29UNiIsImlhdCI6MTY3NTY2NzUyMCwiZXhwIjoxNj

{
   "msg": "Your account is verified."
}
```

- Because we are not using domain, if any problem occurs whole verifying,
    a. you can manually change verified: false to verified: true in the mongodb database as shown below, for further testing.
        hotel-data > hotel-app-members > verified: true

    b. or delete database to regenrate user app member data

ub_cuslomer
▶ ⬢ form-creator
▼ ⬢ hotel-data
       ■ all-hotels
       ■ bookings
       ■ hotel-app-members   ⋯
▶ ⬢ local

_id: ObjectId('63d4cd1f6a3cafaf71e75c3c')
fullname: "vedanshu malik"
email: "malikvedanshu757@outlook.com"
password: "$2b$12$n7fc.g/db3li6VNJqsW0Eu3okm2ngMhUbv7L8vyoDnvN9sEcf8kWO"
verified: true
▶ countryDatesBooked: Array
▶ bookings: Array
  token: "6Rl6d9jW"
  __v: 7

6. Login: will return a token

Method POST
URL : _:5000/hotelapi/user/login *change according to machine ipv4 or to localhost*
data required :
{   "email": "malikvedanshu757@outlook.com", "password": "aStrongPassword@119"}

POST   ∨   http://192.168.1.34:5000/hotelapi/user/login   **Send** ∨

Params   Authorization   Headers (8)   **Body** •   Pre-request Script   Tests   Settings   **Cookies**

● none   ● form-data   ● x-www-form-urlencoded   ● raw   ● binary   ● GraphQL   JSON ∨   **Beautify**

```
1  {
2      "email": "malikvedanshu757@outlook.com",
3      "password": "aStrongPassword@119"
4  }
```

Body Cookies Headers (7) Test Results   ⊕ 200 OK 362 ms 569 B   Save Response ∨

Pretty   Raw   Preview   Visualize   JSON ∨   ⇥

```
1  {
2      "token": "U2FsdGVkX1/3G3oJ1feYiLh7bz9suYNF0TMaBExTEsjLnKx4jaHB1a4U8Uz4Jt+c2y5WZxos846DCCuhoBTetC/
        qwYtZbw3KCqfFX0eUgwL1mgdKYXr85KSOmJzWKIpI9KoA3Uoc4QXd4JjiK+FEIf+0itjBnE
        +F7f1funrzZ60lULWVjk5Hlyc6Gz5zKtECVGCiqbELNmRc0MOsQurs4rMPfilu5n8S4WkCXqxmuJXL341gTHt/ssYu
        +14gB3YX+fWkG278cb00n93N9tPueS3ciCL6yyVezBgTi2R62yckH9IcP5fe0X0gD4Tc72vV"
3  }
```

7. Manually add some hotels with :
   URL = _:5000/hotelapi/hotels/manuallyAddHotels
   valid data : {   "hotelName": "Hotel Highway", "bookingPrice": 5000}

POST http://192.168.1.34:5000/hotelapi/hotels/manuallyAddHotels

Params | Authorization | Headers (8) | Body ● | Pre-request Script | Tests | Settings

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON ⌄

```json
{
    "hotelName": "Hotel Highway",
    "bookingPrice": 5000
}
```

Body Cookies Headers (7) Test Results   ⊕ 200 OK 2

Pretty Raw Preview Visualize JSON ⌄

```json
{
    "msg": "Hotel successfully added"
}
```
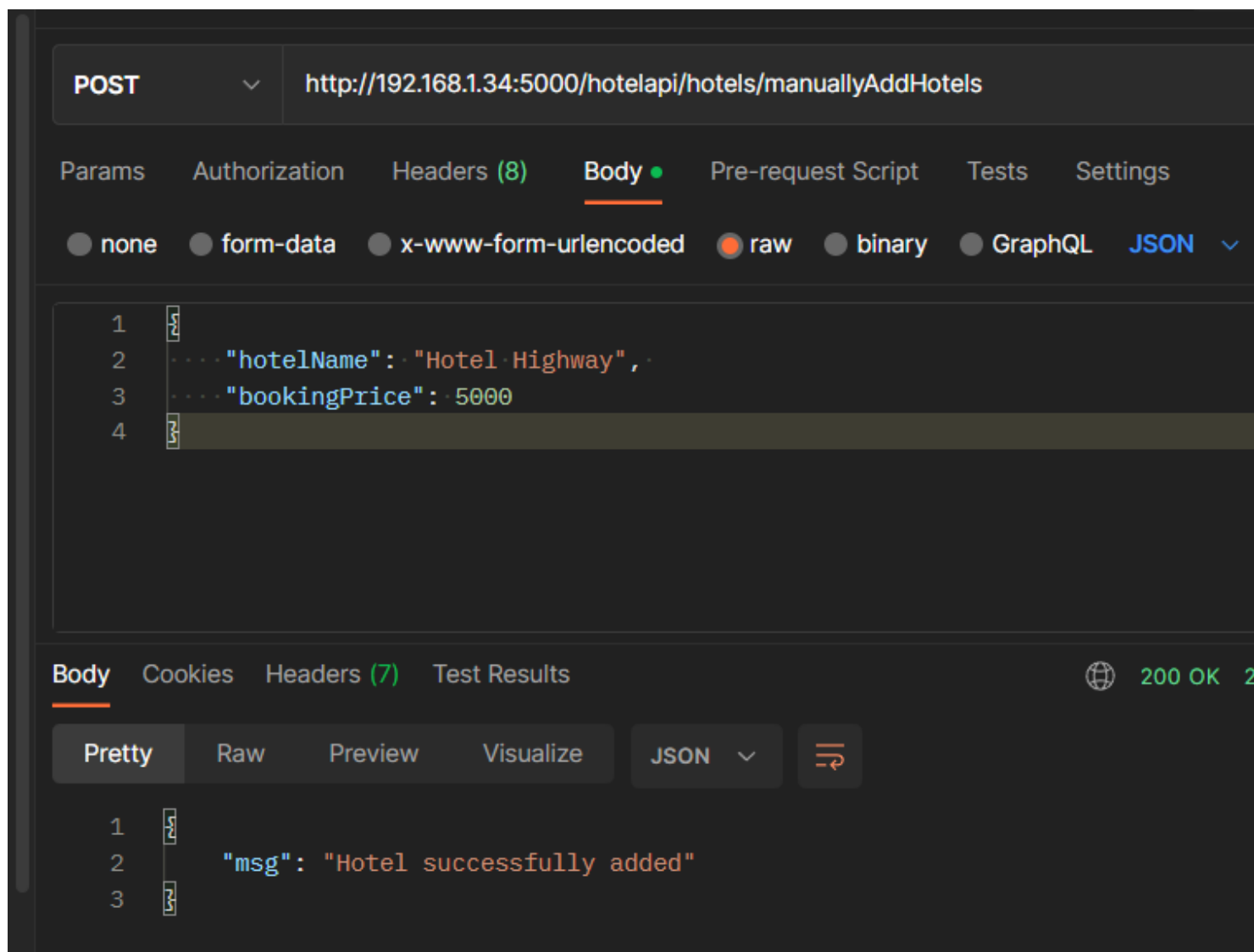
note: For Authentication : paste token from login route to every route in postman > headers with key z-auth-token and value of the token
Example :

Params | Authorization | Headers (7) | Body | Pre-request Script | Tests | Settings

Headers ⊙ 6 hidden

	KEY	VALUE	DESCRIPTI ∘∘∘
☑	z-auth-token	U2FsdGVkX1/3G3oJ1feYiLh7bz9suYNF0...	
	Key	Value	Description
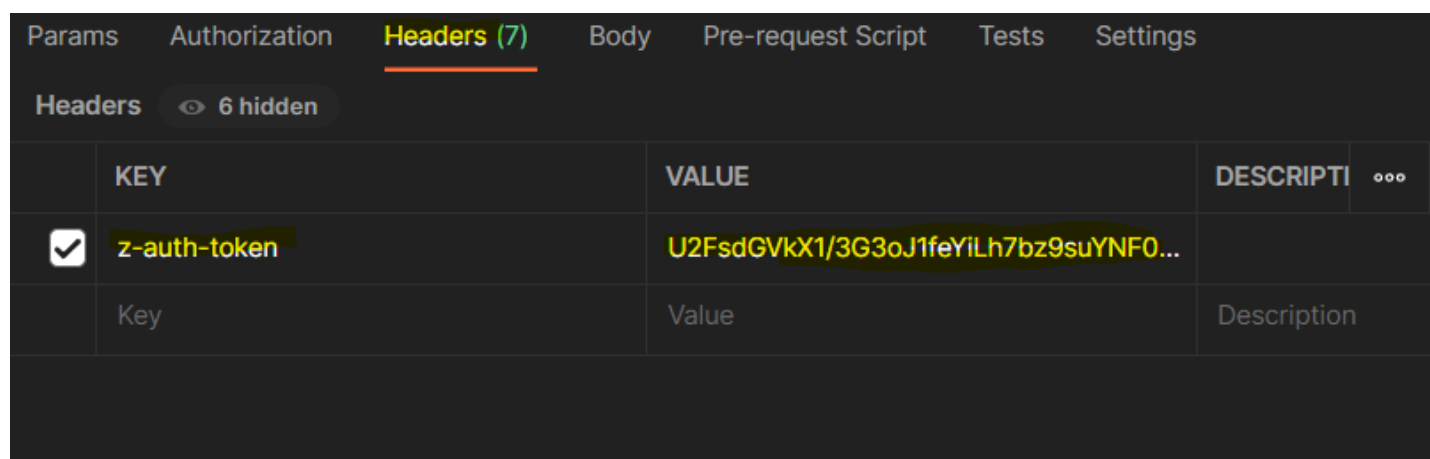
8. Get data of all hotels
    Route : GET (authenticate by adding z-auth-token in headers and value from login)
    URL = _:5000/hotelapi/hotels/search
    Example: Below

9. Get data of one hotel
    Route : GET (authenticate)
    URL = _:5000/hotelapi/hotels/search/:_id (hotel id)
    Example: Below
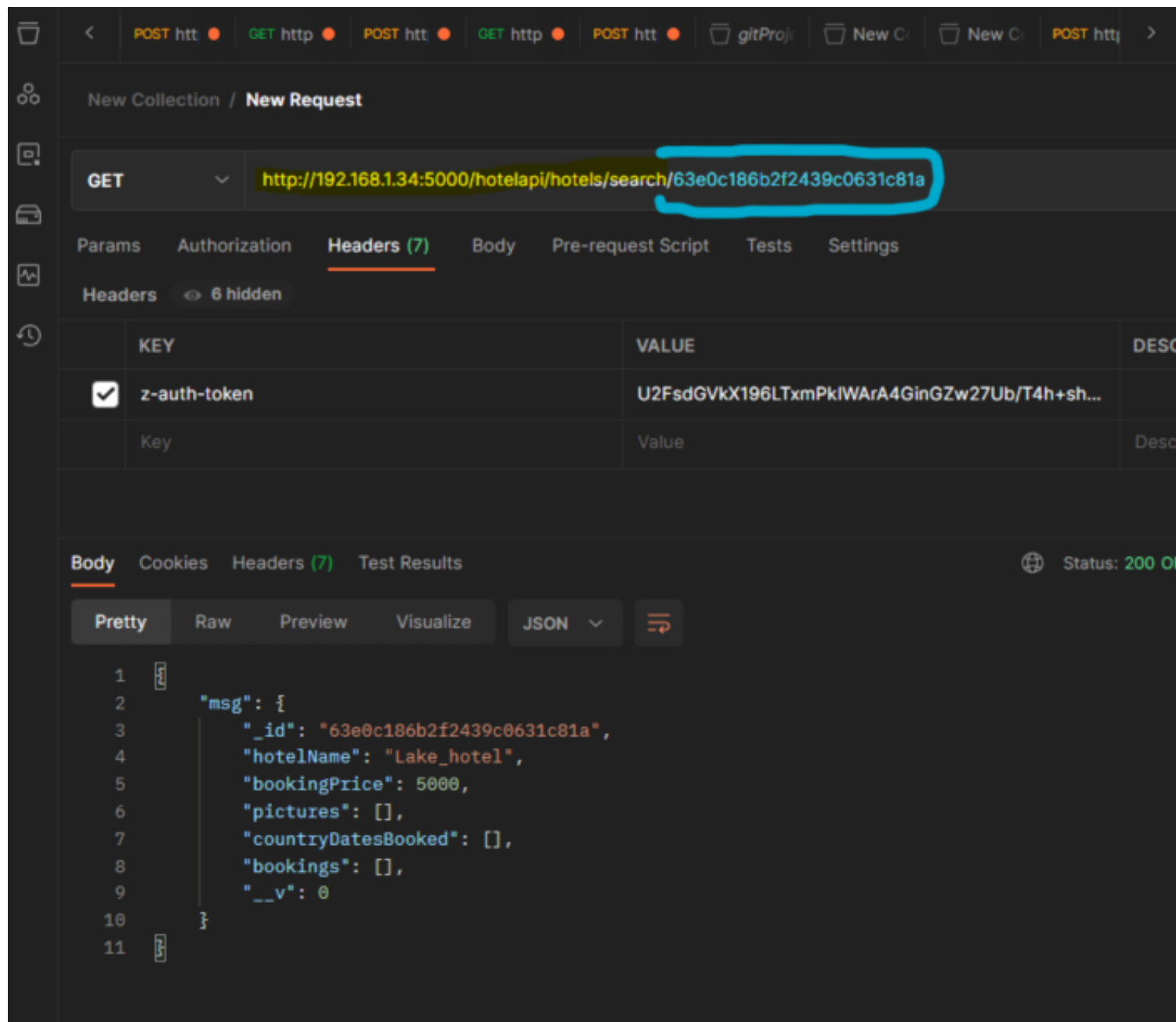
10. Get all hotels contains the string = ___
    Route : GET (authenticate)
    URL = _:5000/hotelapi/hotels/search/name/*string*
    Example: Below

GET   ∨   http://192.168.1.34:5000/hotelapi/hotels/search/name/lake

Params   Authorization   **Headers (7)**   Body   Pre-request Script   Tests   Settings

Headers   ◎ 6 hidden

KEY	VALUE
☑ z-auth-token	U2FsdGVkX196LTxmPkIWArA4GinGZw27Ub/T4h+shm7EfUYcsJ0...
Key	Value

Body   Cookies   Headers (7)   Test Results

Pretty   Raw   Preview   Visualize   JSON ∨   ⇌

```
1  {
2      "msg": [
3          {
4              "_id": "63e0c190b2f2439c0631c81d",
5              "hotelName": "Hote_Lake_view",
6              "bookingPrice": 5000,
7              "pictures": [],
8              "countryDatesBooked": [],
9              "bookings": [],
10             "__v": 0
11         },
12         {
13             "_id": "63e0c186b2f2439c0631c81a",
14             "hotelName": "Lake_hotel",
15             "bookingPrice": 5000,
16             "pictures": [],
17             "countryDatesBooked": [],
18             "bookings": [],
19             "__v": 0
20         }
21     ]
22  }
```

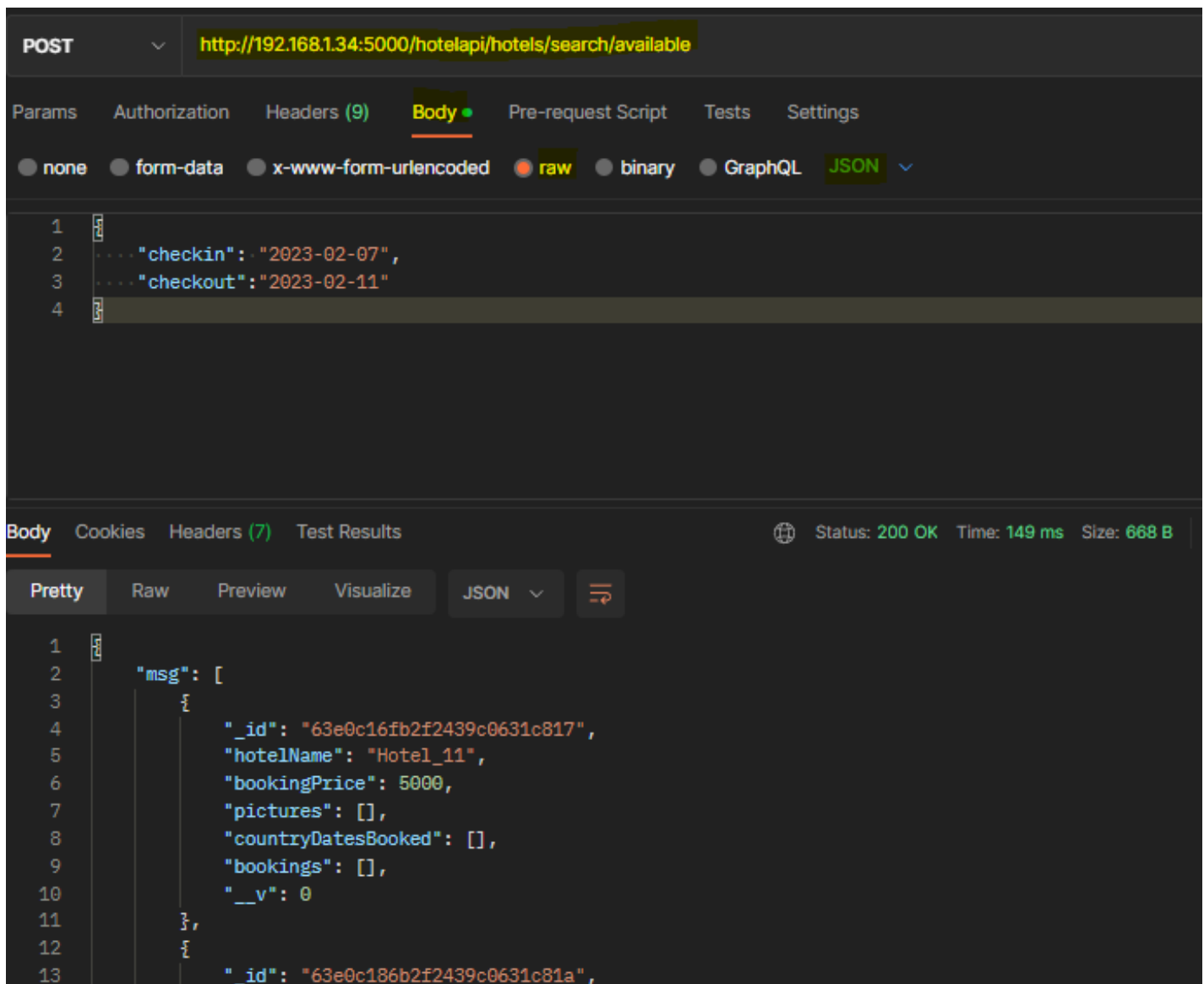11 . Get all hotels available between specific checkin and checkouts
   Route : POST (authenticate, and request body)
   URL = _:5000/hotelapi/hotels/search/available
   data : {   "checkin": "2023-02-07",
"checkout":"2023-02-11"}

   note: checkin and checkout are date in format yyyy-mm-dd
   Example: Below

12. Booking a hotel

Route : POST (authenticate(headers> {"z-auth-token": "token"}), and request body)
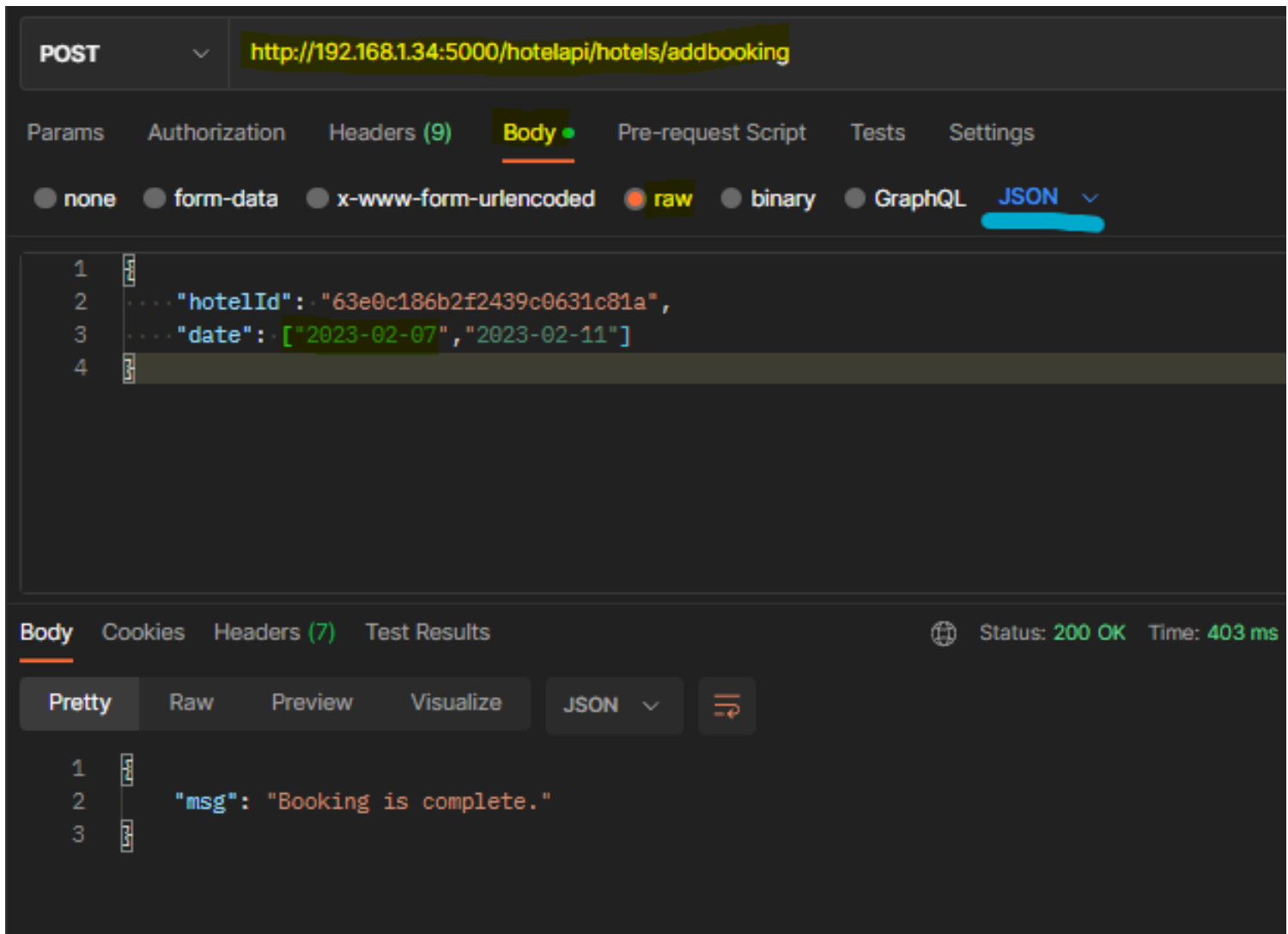
Request body: {   "hotelId": "63e0c186b2f2439c0631c81a",   "date": ["2023-02-07","2023-02-11"]}

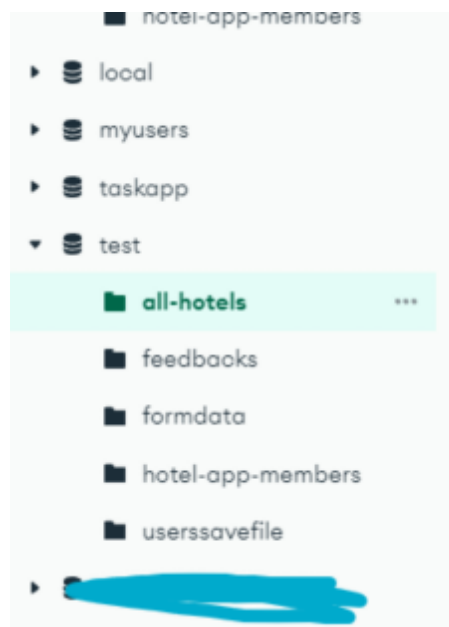*note: date[0] is checkin and date[1] is checkout date in format yyyy-mm-dd*

URL = _:5000/hotelapi/hotels/addbooking

Example: Below

server will return msg that hotel is already booked for the dates for which hotel is already booked

```
POST            ∨    http://192.168.1.34:5000/hotelapi/hotels/addbooking

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings

○ none   ○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   ○ GraphQL   JSON ∨

1   {
2   ····"hotelId": ·"63e0c186b2f2439c0631c81a",
3   ····"date": ·["2023-02-07","2023-02-11"]
4   }
```

Body   Cookies   Headers (7)   Test Results   ⊕   Status: 200 OK   Time: 403 ms

Pretty   Raw   Preview   Visualize   JSON ∨   ⇄

```
1   {
2       "msg": "Booking is complete."
3   }
```

• Booking data will reflect in all-hotels and hotel-app-members in database
• all the dates between **checkin** and **checkout** will be generated for which user have to pay

```
hotel-app-members
local
myusers
taskapp
test
  all-hotels
  feedbacks
  formdata
  hotel-app-members
  userssavefile

_id: ObjectId('63e0c186b2f2439c0631c81a')
hotelName: "Lake_hotel"
bookingPrice: 5000
▶ pictures: Array
▼ countryDatesBooked: Array
    0: "2023-02-07"
    1: "2023-02-08"
    2: "2023-02-09"
    3: "2023-02-10"
▼ bookings: Array
  ▼ 0: Object
      userId: ObjectId('63e0c0e6b2f2439c0631c811')
    ▼ date: Array
        0: "2023-02-07"
        1: "2023-02-08"
        2: "2023-02-09"
        3: "2023-02-10"
      _id: ObjectId('63e0ca6dc24d5f004278e7c2')
  __v: 1
```

13. Viewing all the bookings

Route : GET (authenticate(headers> {"z-auth-token": "token"}))
URL = _:5000/hotelapi/hotels/mybookings
Example: Below

GET ∨ http://192.168.1.34:5000/hotelapi/hotels/mybookings

Params   Authorization   Headers (9)   Body ●   Pre-request Script   Tests   Settings

Headers   👁 8 hidden

	KEY	VALUE
☑	z-auth-token	U2FsdGVkX196LTxmPkIWArA4GinGZw2

Body   Cookies   Headers (7)   Test Results   ⊕   Stat

Pretty   Raw   Preview   Visualize   JSON ∨   ⇄

```json
1   {
2       "mybookings": [
3           {
4               "hotelId": "63e0c186b2f2439c0631c81a",
5               "date": [
6                   "2023-02-07",
7                   "2023-02-08",
8                   "2023-02-09",
9                   "2023-02-10"
10              ],
11              "totalRent": 20000,
12              "_id": "63e0ca6dc24d5f004278e7c0"
13          }
14      ]
15  }
```