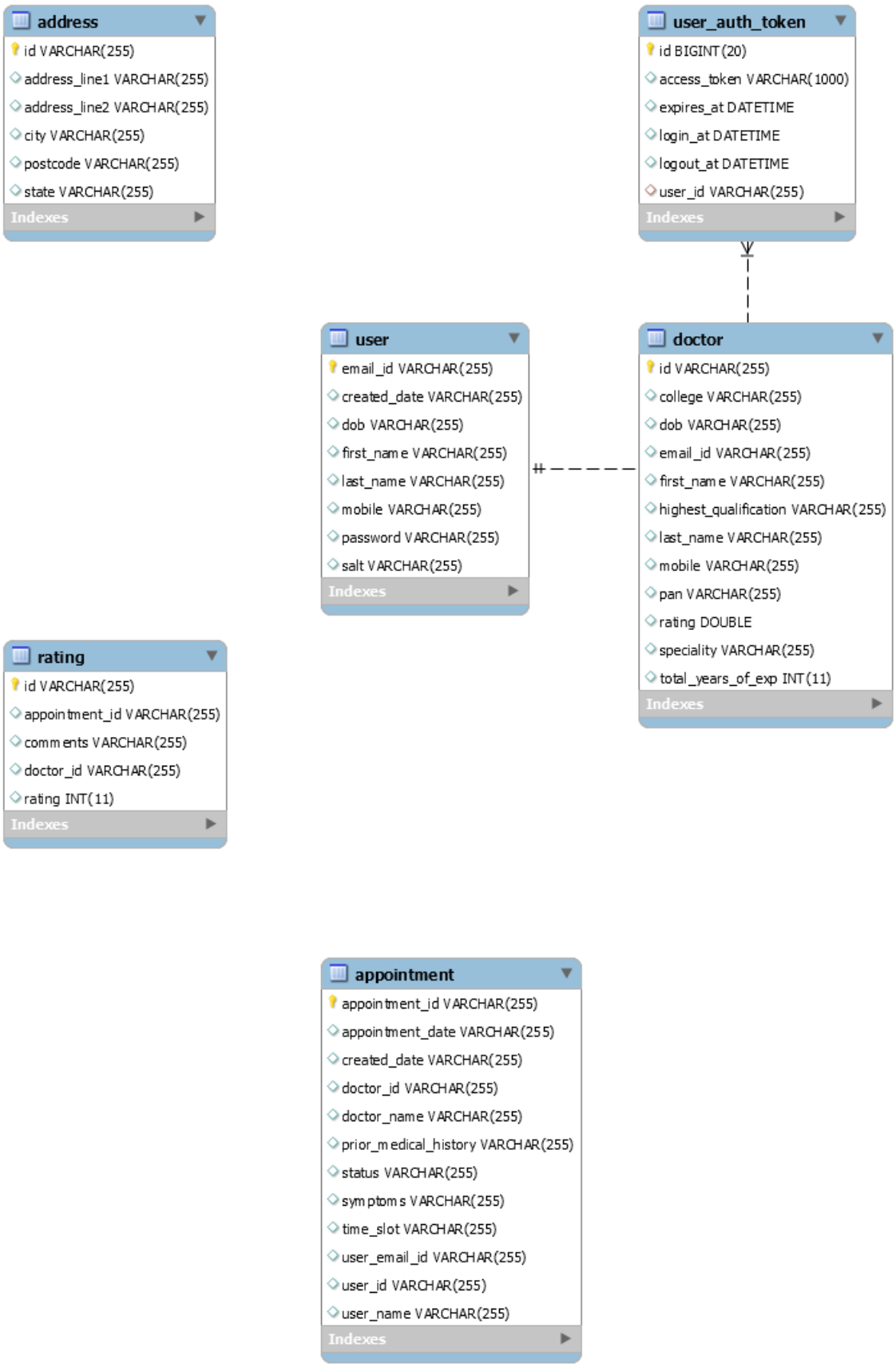
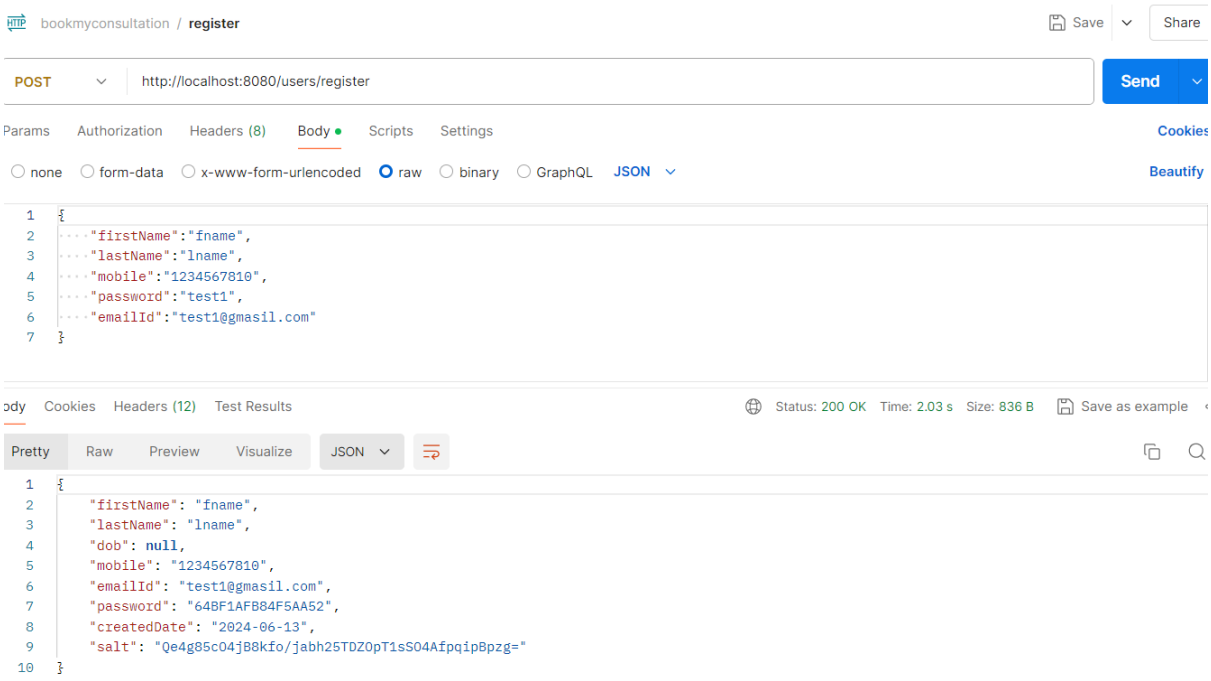
UPGRAD BACKEND ASSIGNMENT - BOOK MY CONSULTATION

SUBMITTER – MRINAL RAO

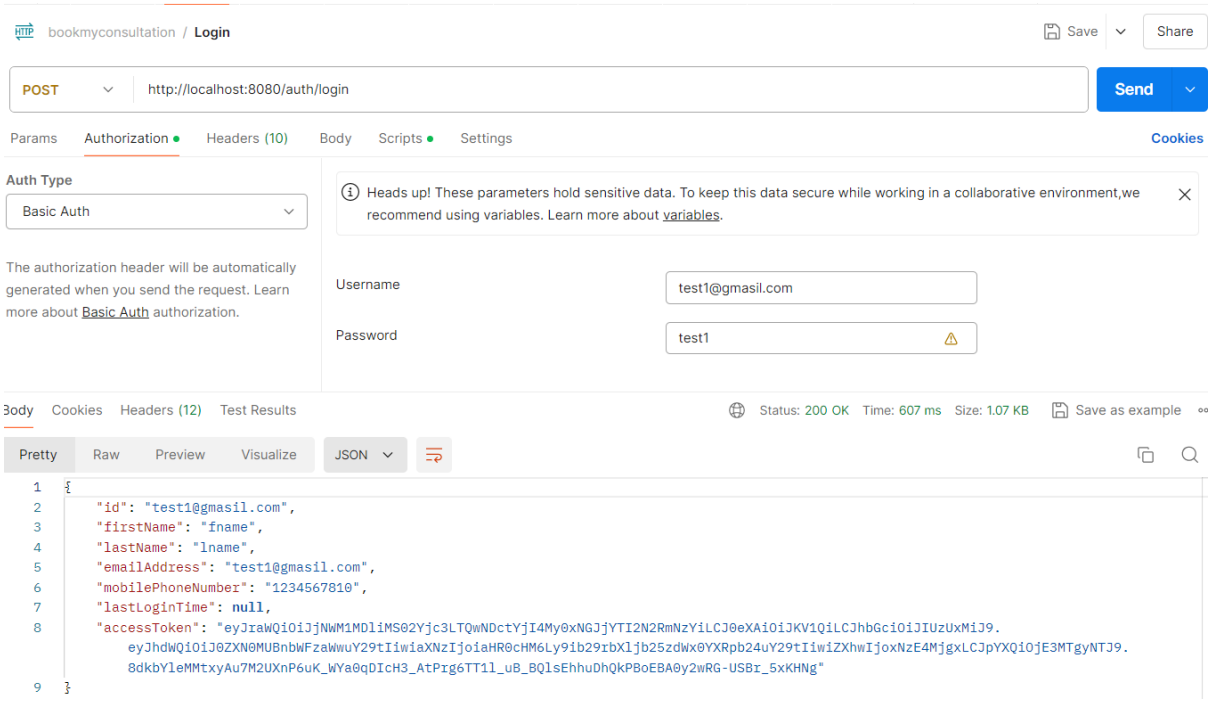
1. DB SCHEMA


address
id VARCHAR(255)
address_line1 VARCHAR(255)
address_line2 VARCHAR(255)
city VARCHAR(255)
postcode VARCHAR(255)
state VARCHAR(255)
Indexes
user_auth_token
id BIGINT(20)
access_token VARCHAR(1000)
expires_at DATETIME
login_at DATETIME
logout_at DATETIME
user_id VARCHAR(255)
Indexes
user
email_id VARCHAR(255)
created_date VARCHAR(255)
dob VARCHAR(255)
first_name VARCHAR(255)
last_name VARCHAR(255)
mobile VARCHAR(255)
password VARCHAR(255)
salt VARCHAR(255)
Indexes
doctor
id VARCHAR(255)
college VARCHAR(255)
dob VARCHAR(255)
email_id VARCHAR(255)
first_name VARCHAR(255)
highest_qualification VARCHAR(255)
last_name VARCHAR(255)
mobile VARCHAR(255)
pan VARCHAR(255)
rating DOUBLE
speciality VARCHAR(255)
total_years_of_exp INT(11)
Indexes
rating
id VARCHAR(255)
appointment_id VARCHAR(255)
comments VARCHAR(255)
doctor_id VARCHAR(255)
rating INT(11)
Indexes
appointment
appointment_id VARCHAR(255)
appointment_date VARCHAR(255)
created_date VARCHAR(255)
doctor_id VARCHAR(255)
doctor_name VARCHAR(255)
prior_medical_history VARCHAR(255)
status VARCHAR(255)
symptoms VARCHAR(255)
time_slot VARCHAR(255)
user_email_id VARCHAR(255)
user_id VARCHAR(255)
user_name VARCHAR(255)
Indexes

2. REGISTER USER



3. LOGIN



4. GET ALL DOCTOR (WITH OR WITHOUT SPECIALITY FILTER)

bookmyconsultation / **get all doctor**

Save | Share

GET http://localhost:8080/doctors?speciality=GASTRO **Send**

Params • Authorization Headers (7) Body Scripts Settings Cookies

Query Params

Key	Value	Description	Bulk Edit
speciality	GASTRO		

Body Cookies Headers (12) Test Results Status: 200 OK Time: 39 ms Size: 7.05 KB Save as example

Pretty Raw Preview Visualize JSON


```
[
    {
        "id": "UUID-24",
        "firstName": "Dorian",
        "lastName": "Sawyer",
        "speciality": "GASTRO",
        "dob": "2022-01-26",
        "address": {
            "id": "UUID-24",
            "addressLine1": "4137 Arcu. Street",
            "addressLine2": "13.16383, -146.36",
            "city": "Shreveport",
            "state": "LA",
            "postcode": "92-504"
        },
        "mobile": "16290706 5060",
        "emailId": "primis@erosNam.edu",
        "pan": "PZG02HQK5MG",
        "highestQualification": "MBBS",
        "college": "Odio Phasellus At Consulting",
        "totalYearsOfExp": 2,
```


get_All_doctors_sample_response.json

5. GET ALL SPECIALITY

bookmyconsultation / **get all speciality**

Save | Share

GET http://localhost:8080/doctors/speciality **Send**

Params Authorization Headers (9) Body • Scripts Settings Cookies

Headers 8 hidden

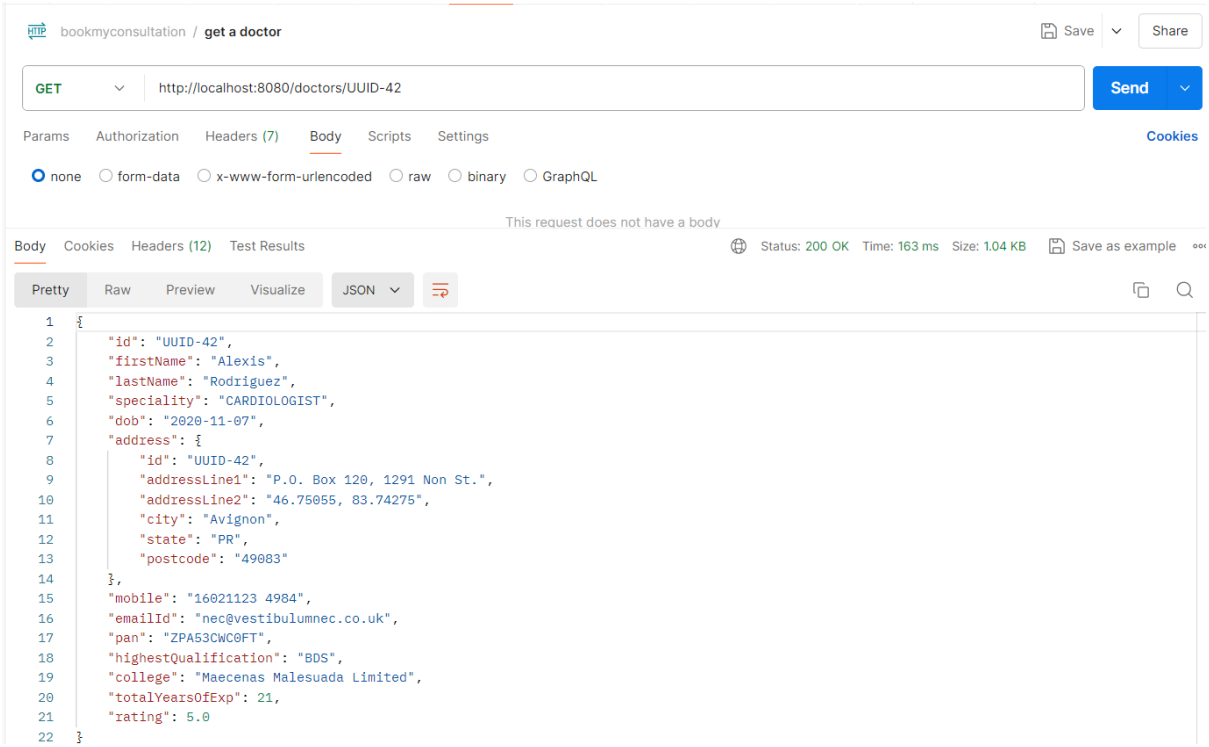
Key	Value	Description	Bulk Edit Presets
Authorization	Bearer {{BMCAuthToken}}		
Key	Value	Description	

Body Cookies Headers (12) Test Results Status: 200 OK Time: 20 ms Size: 700 B Save as example

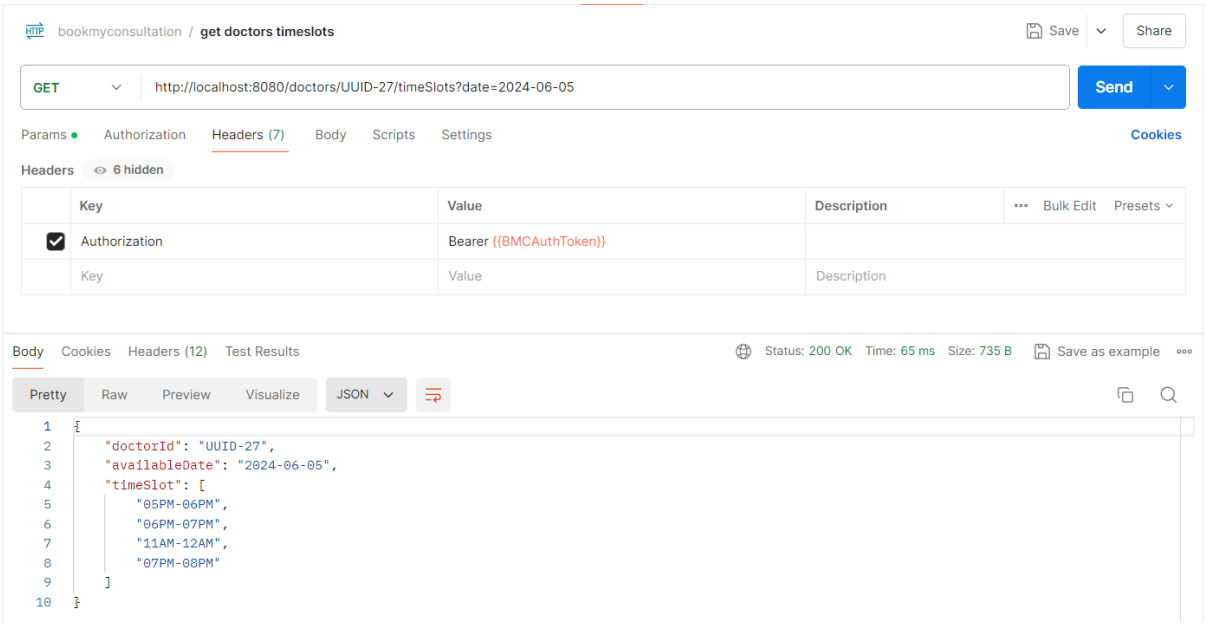
Pretty Raw Preview Visualize JSON


```
[
    "CARDIOLOGIST",
    "GENERAL_PHYSICIAN",
    "DENTIST",
    "PULMONOLOGIST",
    "ENT",
    "GASTRO"
]
```

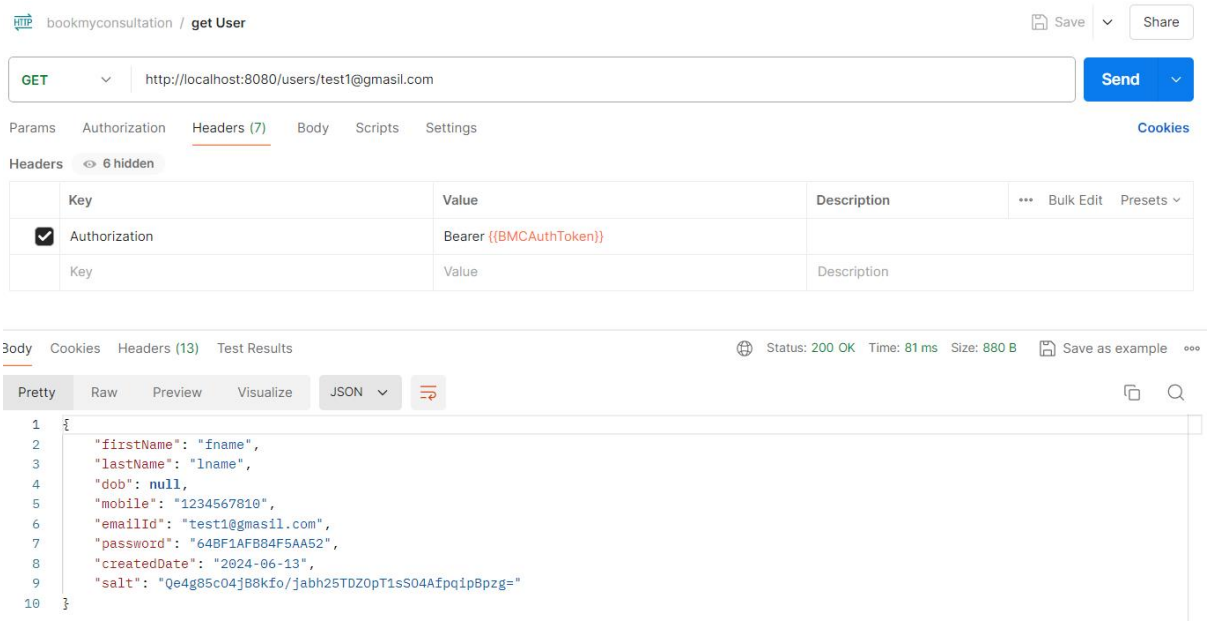
6. GET A DOCTOR



7. GET DOCTOR'S AVAILABLE TIMESLOT

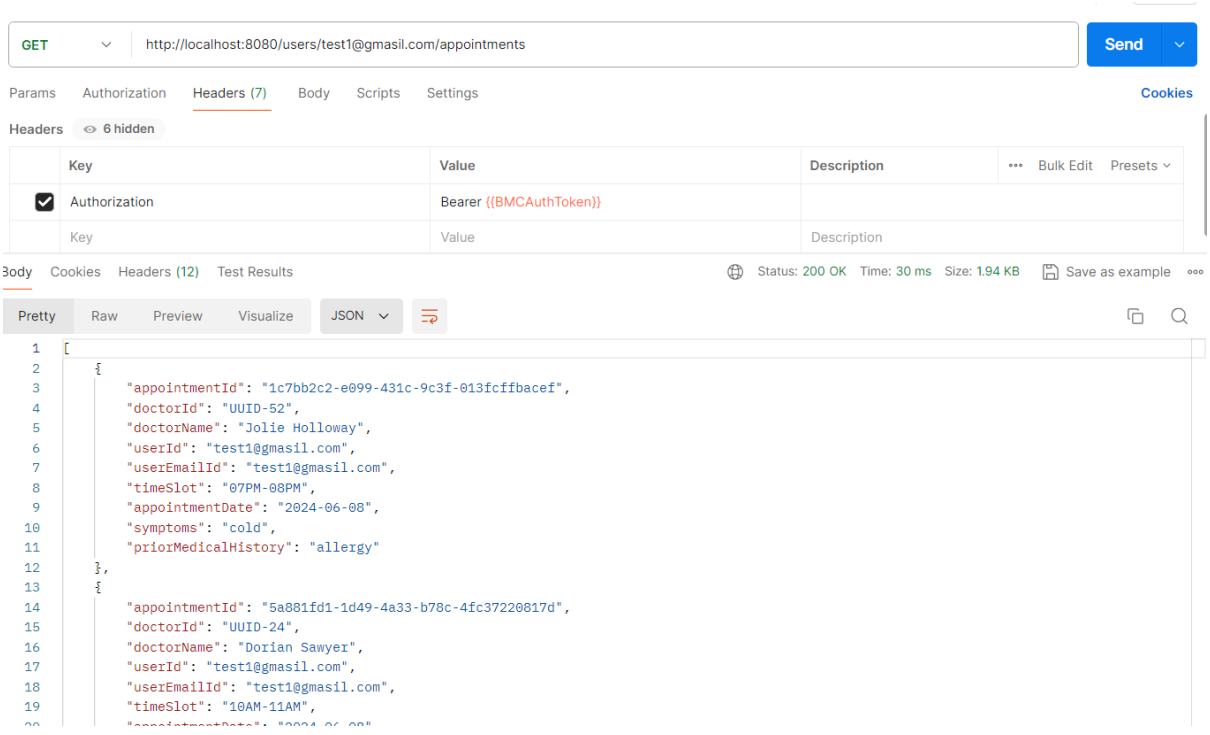


8. GET USER




```
{
    "firstName": "fname",
    "lastName": "lname",
    "dob": null,
    "mobile": "1234567810",
    "emailId": "test1@gmasil.com",
    "password": "64BF1AFB84F5AA52",
    "createdDate": "2024-06-13",
    "salt": "Qe4g85cO4jB8kfo/jabh25TDZOpT1sSO4Afpq1pBpzg="
}
```

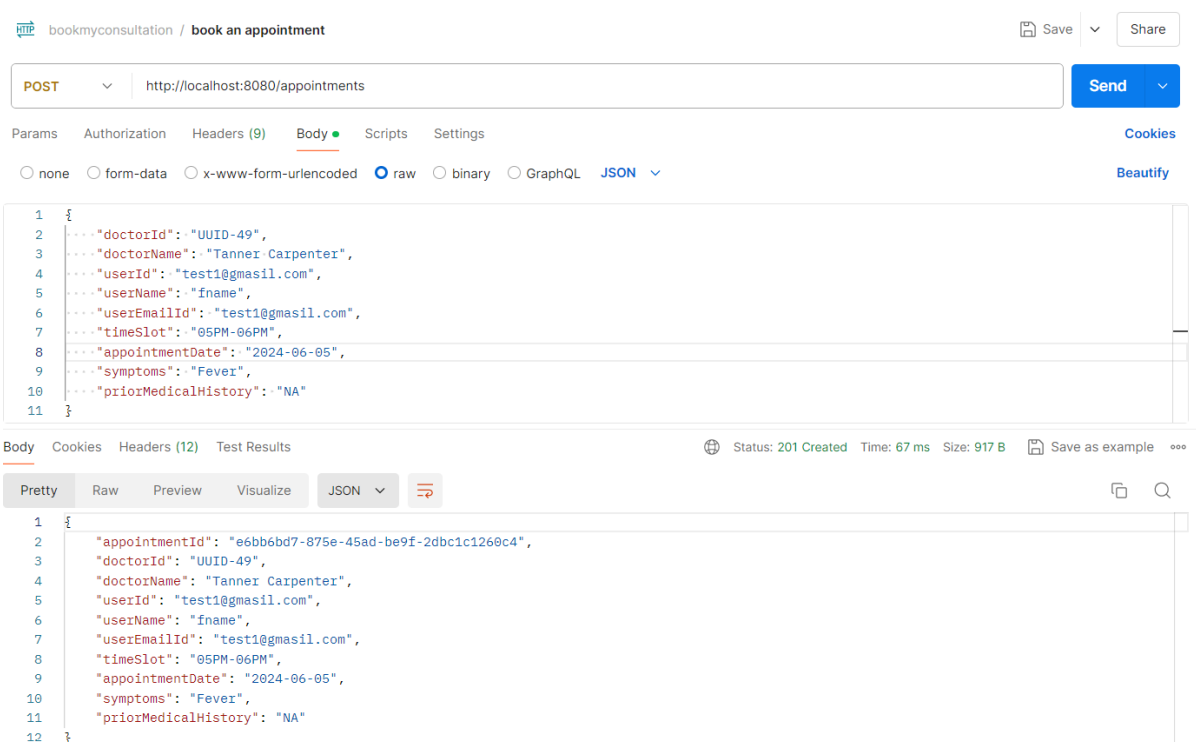
9. GET USER APPOINTMENTS



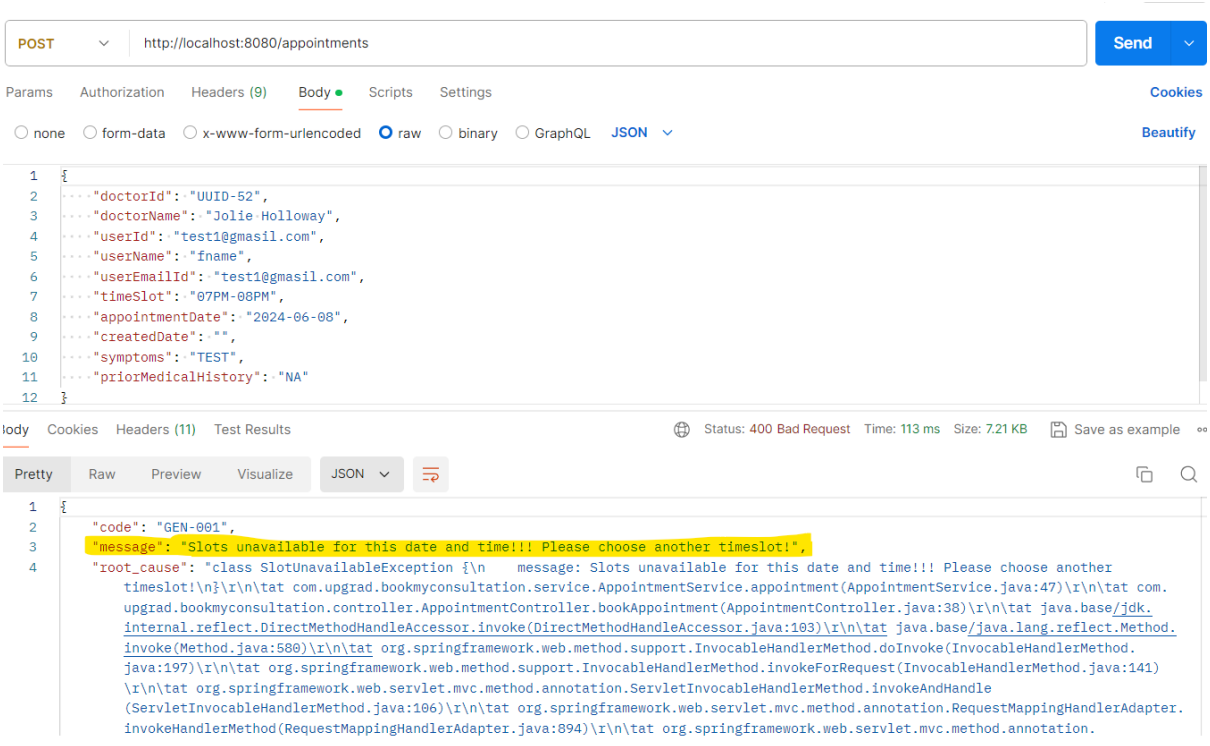

```
[
    {
        "appointmentId": "1c7bb2c2-e099-431c-9c3f-013fcffbacef",
        "doctorId": "UUID-52",
        "doctorName": "Jolie Holloway",
        "userId": "test1@gmasil.com",
        "userEmailId": "test1@gmasil.com",
        "timeSlot": "07PM-08PM",
        "appointmentDate": "2024-06-08",
        "symptoms": "cold",
        "priorMedicalHistory": "allergy"
    },
    {
        "appointmentId": "5a881fd1-1d49-4a33-b78c-4fc37220817d",
        "doctorId": "UUID-24",
        "doctorName": "Dorian Sawyer",
        "userId": "test1@gmasil.com",
        "userEmailId": "test1@gmasil.com",
        "timeSlot": "10AM-11AM",
```

get_user_appointment_sample.json

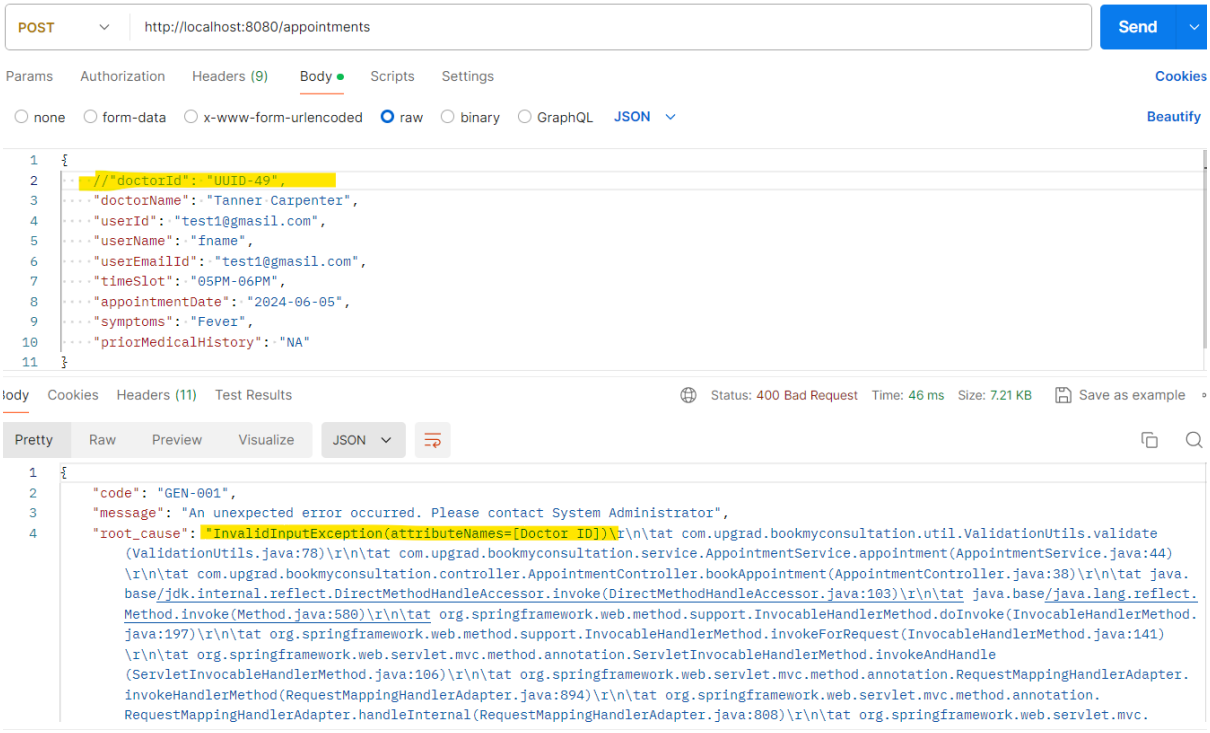
10. BOOK AN APPOINTMENT



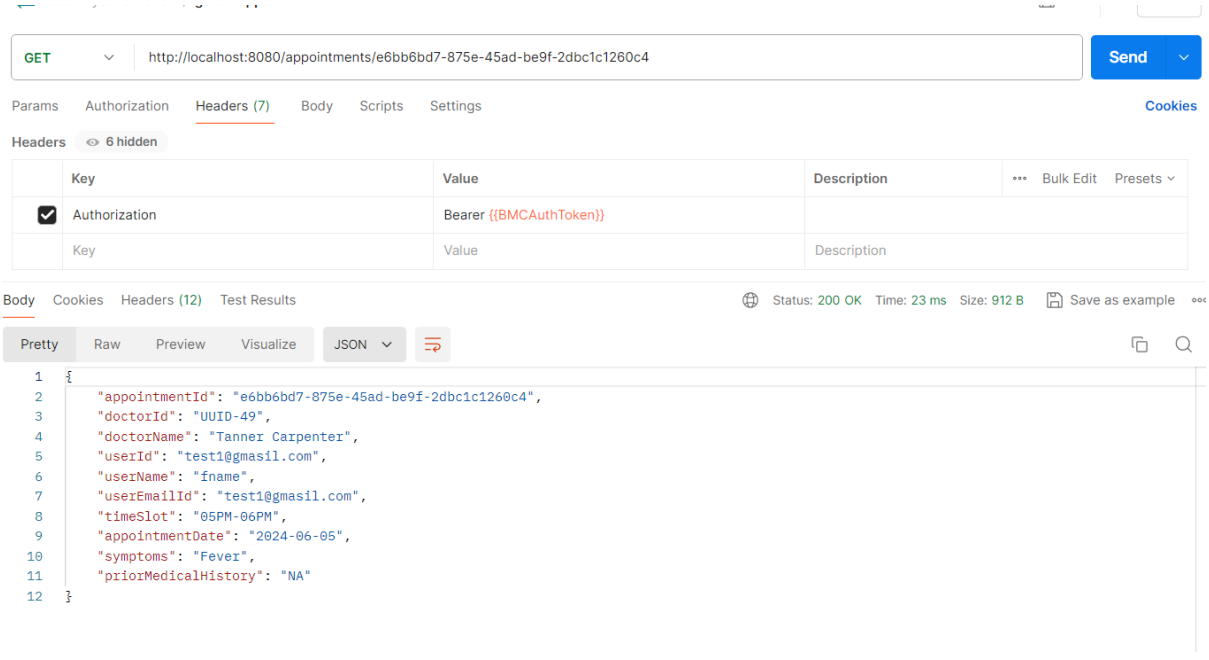
11. BOOK APPOINTMENT SLOT UNAVAILABLE EXCEPTION



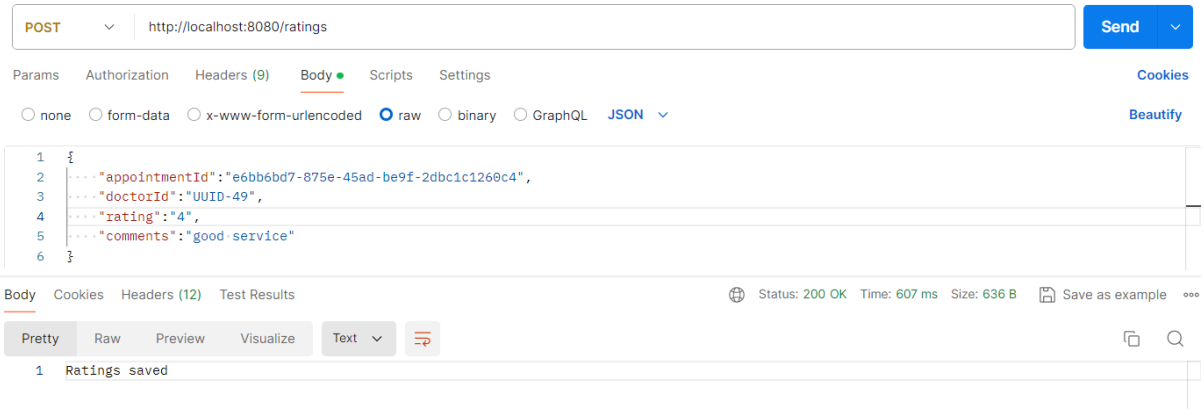
12. BOOK AN APPOINTMENT – INVALIDINPUT EXCEPTION



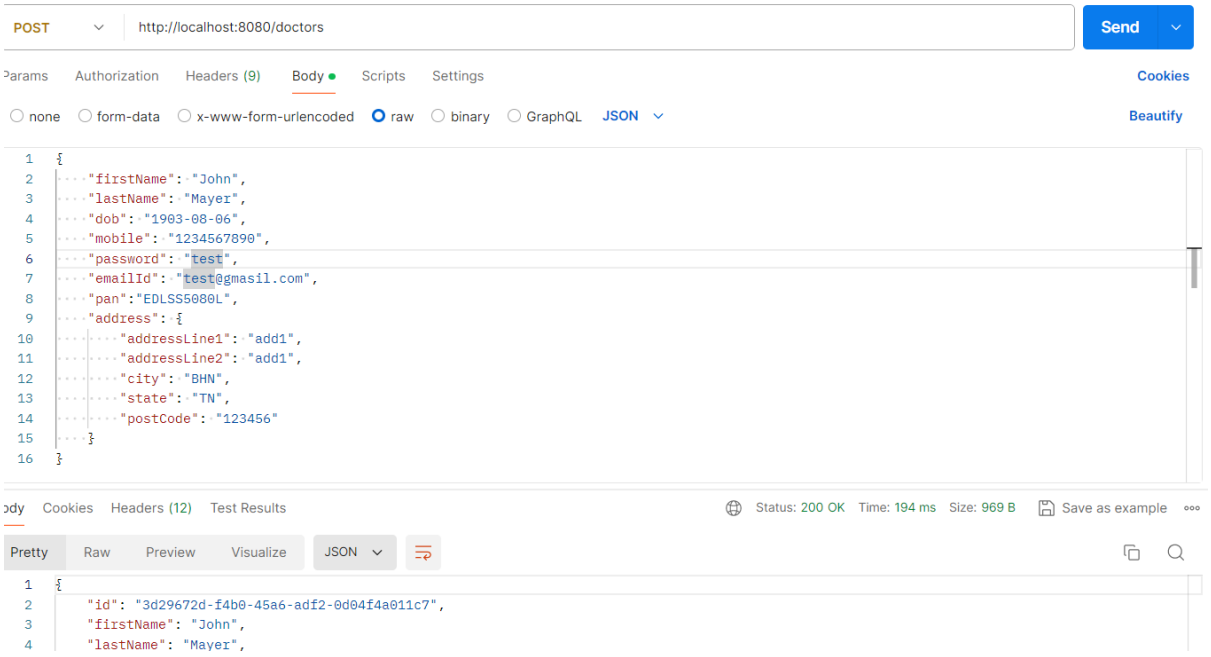
13. GET AN APPOINTMENT



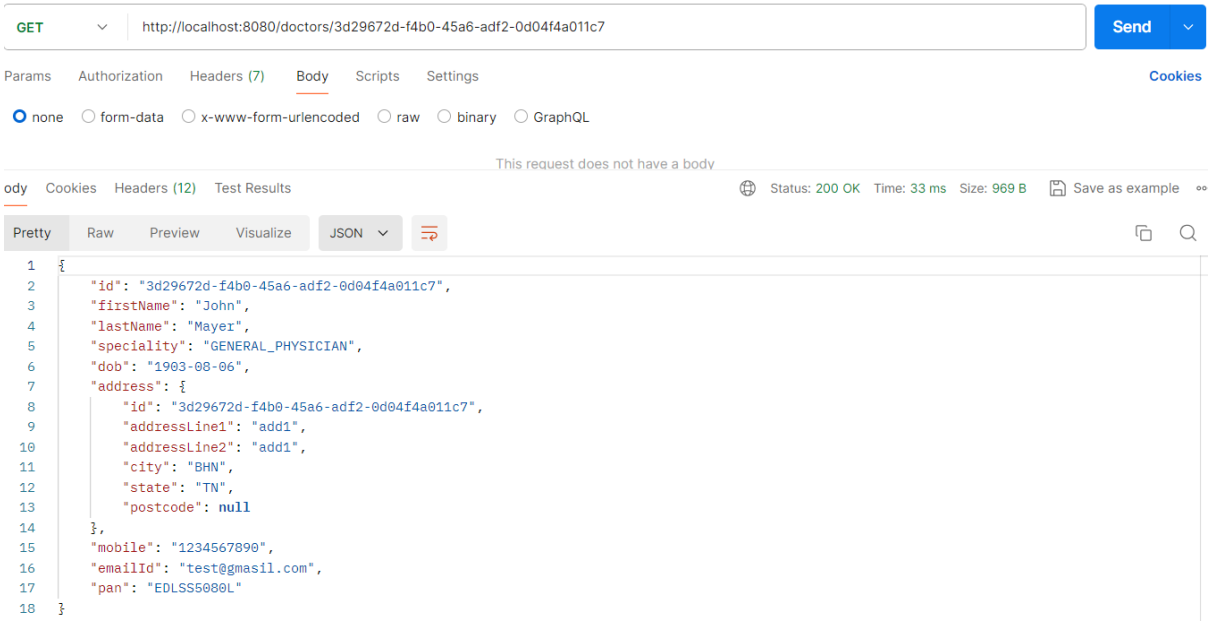
14. POST A RATING



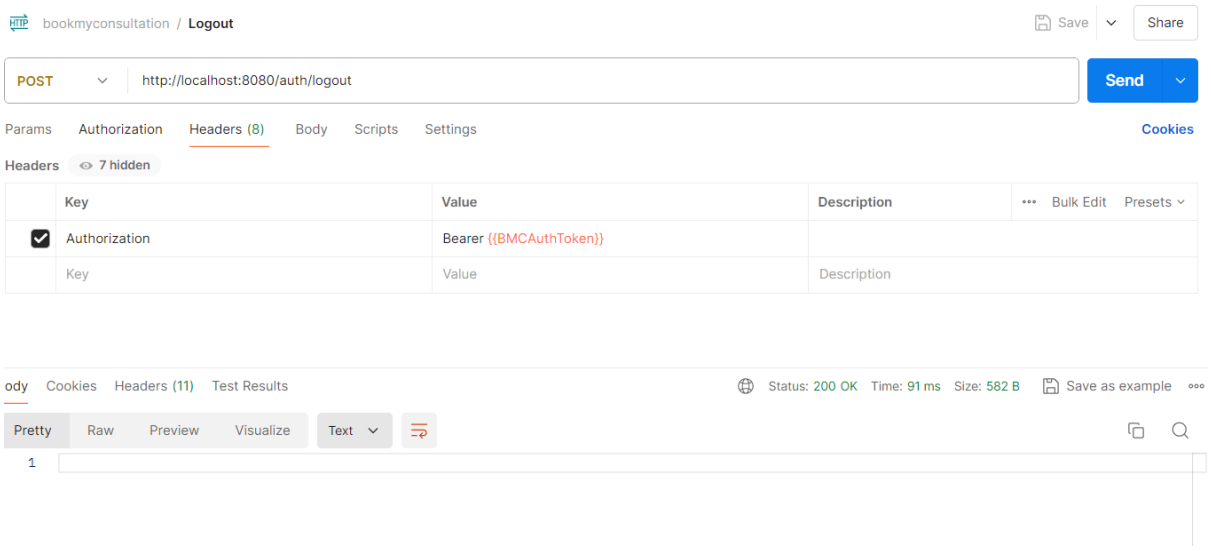
15. ADD A DOCTOR



SINCE SPECIALITY WAS NOT SPECIFIED, IT IS SET TO GENERAL_PHYSICIAN



16. LOGOUT



END OF DOCUMENT