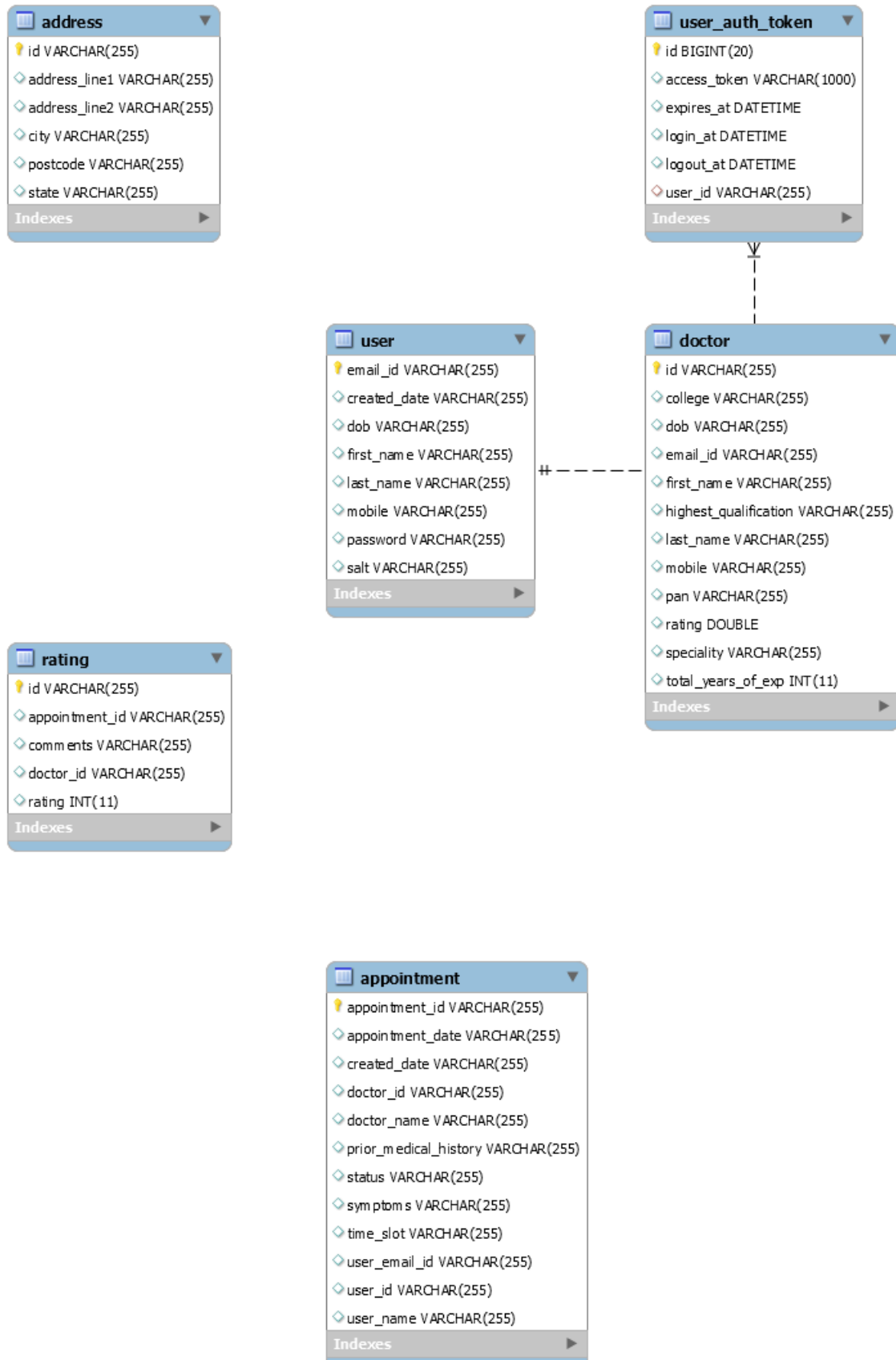



UPGRAD BACKEND ASSIGNMENT - BOOK MY CONSULTATION

SUBMITTER – MRINAL RAO

1. DB SCHEMA



2. REGISTER USER

 bookmyconsultation / register

POST

http://localhost:8080/users/register

Send

ParamsAuthorizationHeaders (8)Body●ScriptsSettings

☐ none

☐ form-data

☐ x-www-form-urlencoded

☒ raw

☐ binary

☐ GraphQL

JSON

Beautify

```
1 {
2   "firstName": "fname",
3   "lastName": "lname",
4   "mobile": "1234567810",
5   "password": "test1",
6   "emailId": "test1@gmail.com"
7 }
```


bodyCookiesHeaders (12)Test Results

Status: 200 OKTime: 2.03 sSize: 836 BSave as example

PrettyRawPreviewVisualizeJSON

```
1 {
2   "firstName": "fname",
3   "lastName": "lname",
4   "dob": null,
5   "mobile": "1234567810",
6   "emailId": "test1@gmail.com",
7   "password": "64BF1AFB84F5AA52",
8   "createdDate": "2024-06-13",
9   "salt": "Qe4g85c04jB8kfo/jabh25TDZ0pT1sS04Afpqip8pzg="
10 }
```

3. LOGIN

 bookmyconsultation / Login

POST

http://localhost:8080/auth/login

Send

ParamsAuthorization●Headers (10)BodyScripts●Settings

Auth Type

Basic Auth

The authorization header will be automatically generated when you send the request. Learn more about [Basic Auth](#) authorization.

Username

test1@gmail.com

Password

test1

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about [variables](#).

bodyCookiesHeaders (12)Test Results

Status: 200 OKTime: 607 msSize: 1.07 KBSave as example

PrettyRawPreviewVisualizeJSON

```
1 {
2   "id": "test1@gmail.com",
3   "firstName": "fname",
4   "lastName": "lname",
5   "emailAddress": "test1@gmail.com",
6   "mobilePhoneNumber": "1234567810",
7   "lastLoginTime": null,
8   "accessToken": "eyJraWQiOiJpbnVudlMS92Yjc3LTQwNDctYjI4My9xNGJyYTI2NmNmNzY1LCJ0eXAiOiJKV1QiLCJhbGciOiJIUzUxMiJ9.eyJhdWQiOiJ0ZXN0MUBnbWZaZWwY29tIiwiaXNzIjoiaHR9cHM6Ly9ib29rbXljb25zdWx0YXRPb24uY29tIiwiaXNhwIjoxNzE4Mjg5LCJpYXQ10jE3MTgyNTJ9.8dbkY1eMMtxyAu7M2UXnP6uK_wYa0qDIcH3_AtPrg6TT1l_ub_Q1sEhhuDhQkPB0EBA8y2wRG-USBr_5xKHNg"
9 }
```

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

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/> 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 ▼ ≡ 📄 🔍

```
1 [
2   {
3     "id": "UUID-24",
4     "firstName": "Dorian",
5     "lastName": "Sawyer",
6     "speciality": "GASTRO",
7     "dob": "2022-01-26",
8     "address": {
9       "id": "UUID-24",
10      "addressLine1": "4137 Arcu. Street",
11      "addressLine2": "13.16383, -146.36",
12      "city": "Shreveport",
13      "state": "LA",
14      "postcode": "92-504"
15    },
16    "mobile": "16290706 5060",
17    "emailId": "primis@erosNam.edu",
18    "pan": "PZG02HQK5MG",
19    "highestQualification": "MBBS",
20    "college": "Odio Phasellus At Consulting",
21    "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

<input checked="" type="checkbox"/> Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/> Authorization	Bearer {{BMCAuthToken}}				
<input type="checkbox"/> 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 ▼ ≡ 📄 🔍

```
1 [
2   "CARDIOLOGIST",
3   "GENERAL_PHYSICIAN",
4   "DENTIST",
5   "PULMONOLOGIST",
6   "ENT",
7   "GASTRO"
8 ]
```

6. GET A DOCTOR

bookmyconsultation / get a doctor

GET http://localhost:8080/doctors/UUID-42

Send

Params Authorization Headers (7) Body Scripts Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

This request does not have a body

Body Cookies Headers (12) Test Results Status: 200 OK Time: 163 ms Size: 1.04 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "UUID-42",
3   "firstName": "Alexis",
4   "lastName": "Rodriguez",
5   "speciality": "CARDIOLOGIST",
6   "dob": "2020-11-07",
7   "address": {
8     "id": "UUID-42",
9     "addressLine1": "P.O. Box 120, 1291 Non St.",
10    "addressLine2": "46.75955, 83.74275",
11    "city": "Avignon",
12    "state": "PR",
13    "postcode": "49083"
14  },
15   "mobile": "16021123 4984",
16   "emailId": "nec@vestibulumnec.co.uk",
17   "pan": "ZPA53CNC0FT",
18   "highestQualification": "BDS",
19   "college": "Maecenas Malesuada Limited",
20   "totalYearsOfExp": 21,
21   "rating": 5.0
22 }
```

7. GET DOCTOR'S AVAILABLE TIMESLOT

bookmyconsultation / get doctors timeslots

GET http://localhost:8080/doctors/UUID-27/timeSlots?date=2024-06-05

Send

Params Authorization Headers (7) Body Scripts Settings Cookies

Headers 6 hidden

	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Authorization	Bearer ((BMCAuthToken))				
	Key	Value	Description			

Body Cookies Headers (12) Test Results Status: 200 OK Time: 65 ms Size: 735 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "doctorId": "UUID-27",
3   "availableDate": "2024-06-05",
4   "timeSlot": [
5     "05PM-06PM",
6     "06PM-07PM",
7     "11AM-12AM",
8     "07PM-08PM"
9   ]
10 }
```

8. GET USER

bookmyconsultation / get User

GET http://localhost:8080/users/test1@gmail.com

Params Authorization Headers (7) Body Scripts Settings Cookies

Headers 6 hidden

Key	Value	Description
Authorization	Bearer {{BMCAuthToken}}	
Key	Value	Description

Body Cookies Headers (13) Test Results Status: 200 OK Time: 81 ms Size: 880 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "firstName": "fname",
3   "lastName": "lname",
4   "dob": null,
5   "mobile": "1234567810",
6   "emailId": "test1@gmail.com",
7   "password": "648F1AFB84F5AA52",
8   "createdDate": "2024-06-13",
9   "salt": "Qe4g85c04jB8kfo/jabh25TDZ0pT1sS04Afpq1p8pzg="
10 }
```

9. GET USER APPOINTMENTS

GET http://localhost:8080/users/test1@gmail.com/appointments

Params Authorization Headers (7) Body Scripts Settings Cookies

Headers 6 hidden

Key	Value	Description
Authorization	Bearer {{BMCAuthToken}}	
Key	Value	Description

Body Cookies Headers (12) Test Results Status: 200 OK Time: 30 ms Size: 1.94 KB Save as example

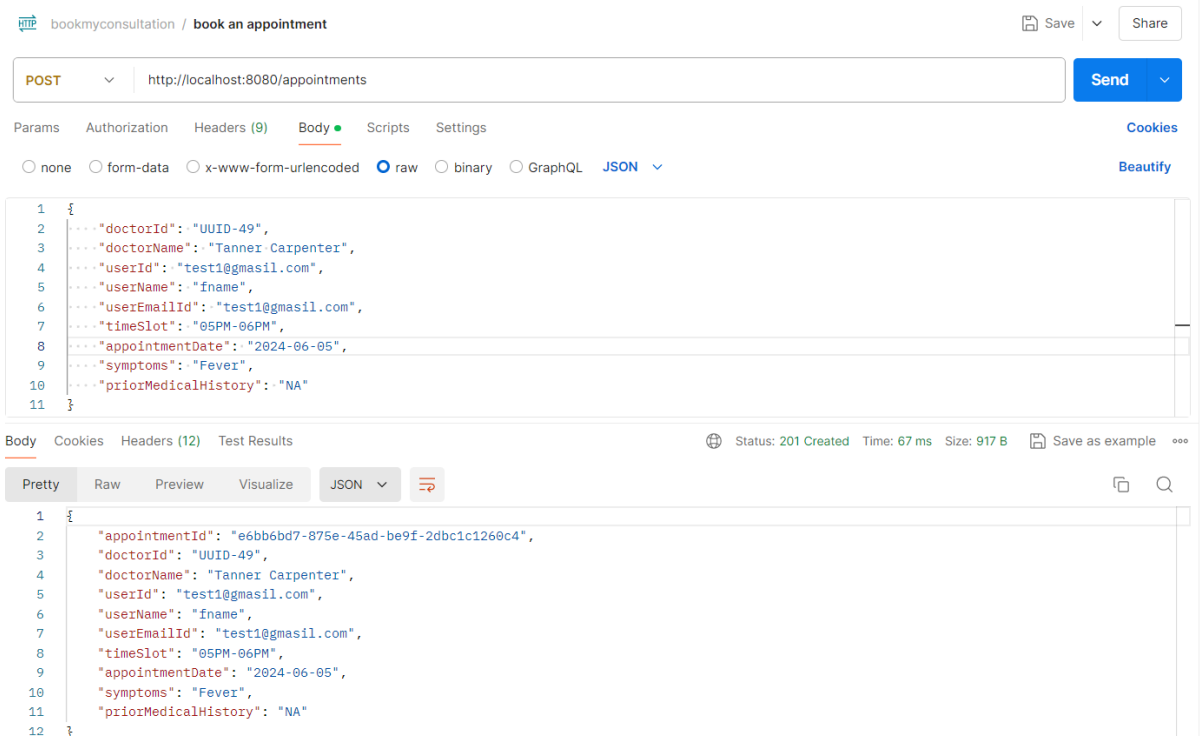
Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "appointmentId": "1c7bb2c2-e099-431c-9c3f-013fcffbfacbf",
4     "doctorId": "UUID-52",
5     "doctorName": "Jolie Holloway",
6     "userId": "test1@gmail.com",
7     "userEmailId": "test1@gmail.com",
8     "timeSlot": "07PM-08PM",
9     "appointmentDate": "2024-06-08",
10    "symptoms": "cold",
11    "priorMedicalHistory": "allergy"
12  },
13  {
14    "appointmentId": "5a881fd1-1d49-4a33-b78c-4fc37220817d",
15    "doctorId": "UUID-24",
16    "doctorName": "Dorian Sawyer",
17    "userId": "test1@gmail.com",
18    "userEmailId": "test1@gmail.com",
19    "timeSlot": "10AM-11AM",
20    "appointmentDate": "2024-06-08"
21  }
22 ]
```

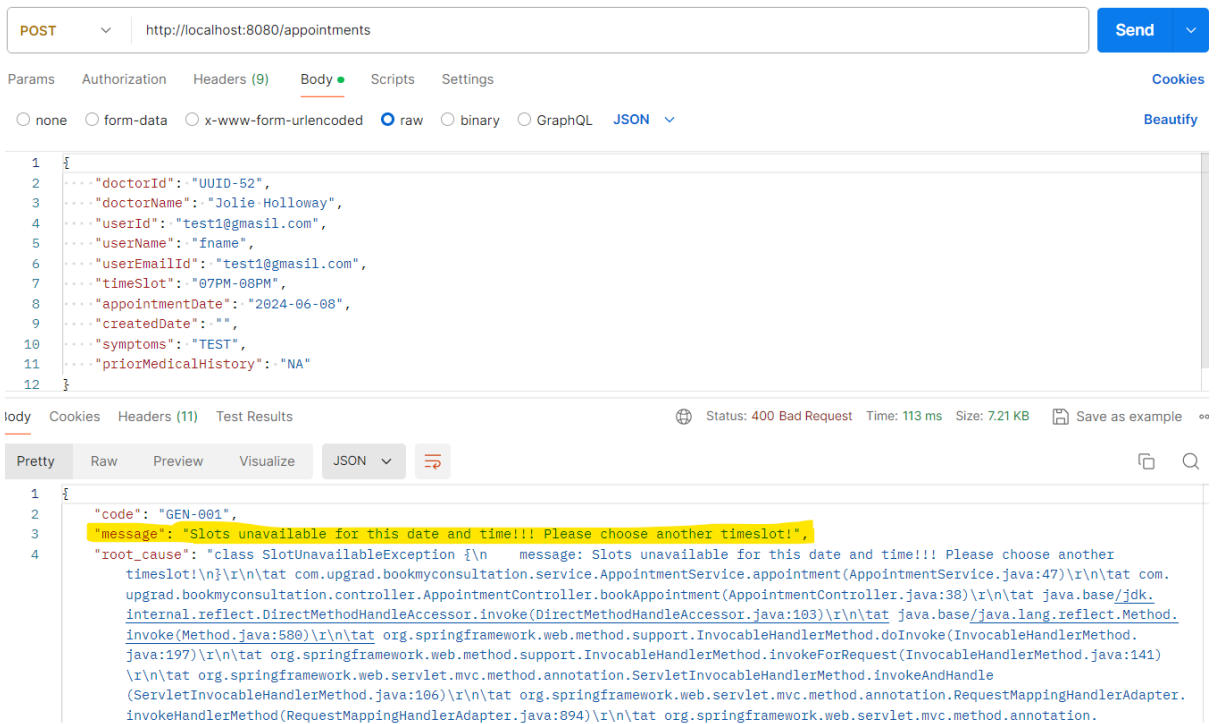


get_user_appointment_sample.json

10. BOOK AN APPOINTMENT



11. BOOK APPOINTMENT SLOT UNAVAILABLE EXCEPTION



12. BOOK AN APPOINTMENT – INVALIDINPUT EXCEPTION

POST http://localhost:8080/appointments

Params Authorization Headers (9) Body Scripts Settings Cookies

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

```
1 {
2   // "doctorId": "UUID-49",
3   "doctorName": "Tanner Carpenter",
4   "userId": "test1@gmasil.com",
5   "userName": "fname",
6   "userEmailId": "test1@gmasil.com",
7   "timeSlot": "05PM-06PM",
8   "appointmentDate": "2024-06-05",
9   "symptoms": "Fever",
10  "priorMedicalHistory": "NA"
11 }
```

body Cookies Headers (11) Test Results Status: 400 Bad Request Time: 46 ms Size: 7.21 KB Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "code": "GEN-001",
3   "message": "An unexpected error occurred. Please contact System Administrator",
4   "root_cause": "InvalidInputException(attributeNames=[Doctor ID])\r\n\tat com.upgrad.bookmyconsultation.util.ValidationUtils.validate
   (ValidationUtils.java:78)\r\n\tat com.upgrad.bookmyconsultation.service.AppointmentService.appointment(AppointmentService.java:44)
   \r\n\tat com.upgrad.bookmyconsultation.controller.AppointmentController.bookAppointment(AppointmentController.java:38)\r\n\tat java.
   base/jdk.internal.reflect.DirectMethodHandleAccessor.invoke(DirectMethodHandleAccessor.java:103)\r\n\tat java.base/java.lang.reflect.
   Method.invoke(Method.java:500)\r\n\tat org.springframework.web.method.support.InvocableHandlerMethod.doInvoke(InvocableHandlerMethod.
   java:197)\r\n\tat org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:141)
   \r\n\tat org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle
   (ServletInvocableHandlerMethod.java:106)\r\n\tat org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.
   invokeHandlerMethod(RequestMappingHandlerAdapter.java:894)\r\n\tat org.springframework.web.servlet.mvc.method.annotation.
   RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:888)\r\n\tat org.springframework.web.servlet.mvc.
```

13. GET AN APPOINTMENT

GET http://localhost:8080/appointments/e6bb6bd7-875e-45ad-be9f-2dbc1c1260c4

Params Authorization Headers (7) Body Scripts Settings Cookies

Headers 6 hidden

	Key	Value	Description	*** Bulk Edit Presets v
<input checked="" type="checkbox"/>	Authorization	Bearer {{BMCAuthToken}}		
	Key	Value	Description	

Body Cookies Headers (12) Test Results Status: 200 OK Time: 23 ms Size: 912 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "appointmentId": "e6bb6bd7-875e-45ad-be9f-2dbc1c1260c4",
3   "doctorId": "UUID-49",
4   "doctorName": "Tanner Carpenter",
5   "userId": "test1@gmasil.com",
6   "userName": "fname",
7   "userEmailId": "test1@gmasil.com",
8   "timeSlot": "05PM-06PM",
9   "appointmentDate": "2024-06-05",
10  "symptoms": "Fever",
11  "priorMedicalHistory": "NA"
12 }
```


14. POST A RATING

The screenshot shows a REST client interface with a POST request to `http://localhost:8080/ratings`. The request body is a JSON object with the following structure:

```
1 {
2   "appointmentId": "e6bb6bd7-875e-45ad-be9f-2dbc1c1260c4",
3   "doctorId": "UUID-49",
4   "rating": "4",
5   "comments": "good service"
6 }
```

The response status is 200 OK, with a time of 607 ms and a size of 636 B. The response body is "Ratings saved".

15. ADD A DOCTOR

The screenshot shows a REST client interface with a POST request to `http://localhost:8080/doctors`. The request body is a JSON object with the following structure:

```
1 {
2   "firstName": "John",
3   "lastName": "Mayer",
4   "dob": "1903-08-06",
5   "mobile": "1234567890",
6   "password": "test",
7   "emailId": "test@gmail.com",
8   "pan": "EDLSS5080L",
9   "address": {
10     "addressLine1": "add1",
11     "addressLine2": "add1",
12     "city": "BHN",
13     "state": "TN",
14     "postCode": "123456"
15   }
16 }
```

The response status is 200 OK, with a time of 194 ms and a size of 969 B. The response body is a JSON object with the following structure:

```
1 {
2   "id": "3d29672d-f4b0-45a6-adf2-0d04f4a011c7",
3   "firstName": "John",
4   "lastName": "Mayer",

```

SINCE SPECIALITY WAS NOT SPECIFIED, IT IS SET TO GENERAL_PHYSICIAN

GET

http://localhost:8080/doctors/3d29672d-f4b0-45a6-adf2-0d04f4a011c7

Send

ParamsAuthorizationHeaders (7)BodyScriptsSettingsCookies

☒ none

☐ form-data

☐ x-www-form-urlencoded

☐ raw

☐ binary

☐ GraphQL

This request does not have a body

odyCookiesHeaders (12)Test Results

PrettyRawPreviewVisualizeJSON

Status: 200 OKTime: 33 msSize: 969 BSave as example

```
1 {
2   "id": "3d29672d-f4b0-45a6-adf2-0d04f4a011c7",
3   "firstName": "John",
4   "lastName": "Mayer",
5   "speciality": "GENERAL_PHYSICIAN",
6   "dob": "1903-08-06",
7   "address": {
8     "id": "3d29672d-f4b0-45a6-adf2-0d04f4a011c7",
9     "addressLine1": "add1",
10    "addressLine2": "add1",
11    "city": "BHN",
12    "state": "TN",
13    "postcode": null
14  },
15  "mobile": "1234567890",
16  "emailId": "test@gmail.com",
17  "pan": "EDLSS5080L"
18 }
```

16. LOGOUT

bookmyconsultation / Logout

SaveShare

POST

http://localhost:8080/auth/logout

Send

ParamsAuthorizationHeaders (8)BodyScriptsSettingsCookies

Headers

7 hidden

	Key	Value	Description	
<input checked="" type="checkbox"/>	Authorization	Bearer ((BMCAuthToken))		
	Key	Value	Description	

odyCookiesHeaders (11)Test Results

PrettyRawPreviewVisualizeText

Status: 200 OKTime: 91 msSize: 582 BSave as example

1

END OF DOCUMENT