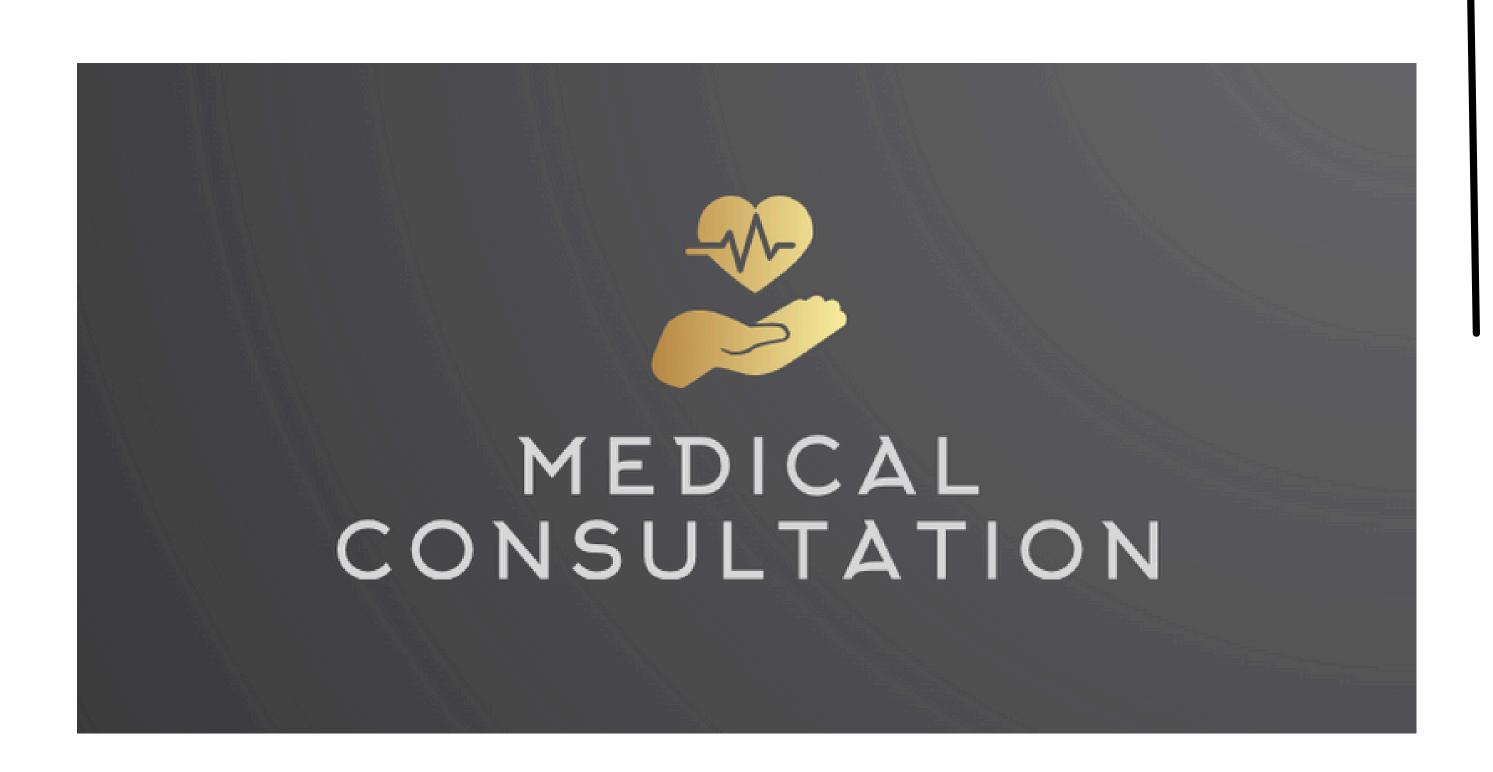


# Medical Consultation Platform

Presented by: Raghad Mohammed AL-Adawi



#### Medical Consultation Platform

The project is a Medical Consultation Platform aimed at providing remote healthcare services through a web application

This platform enables patients to consult with verified doctors remotely, ensuring secure and private interactions. The primary goal is to make healthcare accessible, especially in remote areas, and reduce the overall cost of healthcare by leveraging telecommunication advancements

#### **Customer Journeys:**

- Doctor Journeys.
- Patient Journeys.



## **Doctor Journeys**

- •Registration and Login.
- •Manage Availability Schedule.
- View Pending Consultation Requests.
- Provide Consultation.
- Record Patient Diagnosis.
- Search Medical Records.



## Patient Journeys

- •Registration and Login.
- Search for Doctors.
- Request Consultation.
- Check Consultation Results.
- •Request Medical History Report.
- Rate Doctors.



## Approach to Solution

**Back End:** 

IntelliJ IDEA.

Model layer.

DTO layer.

DAO layer.

Controller layer.

Mappers.

Helpers.

**Exceptions.** 

FrontEnd:

Angular.

HTML.

CSS.

Type Secript.

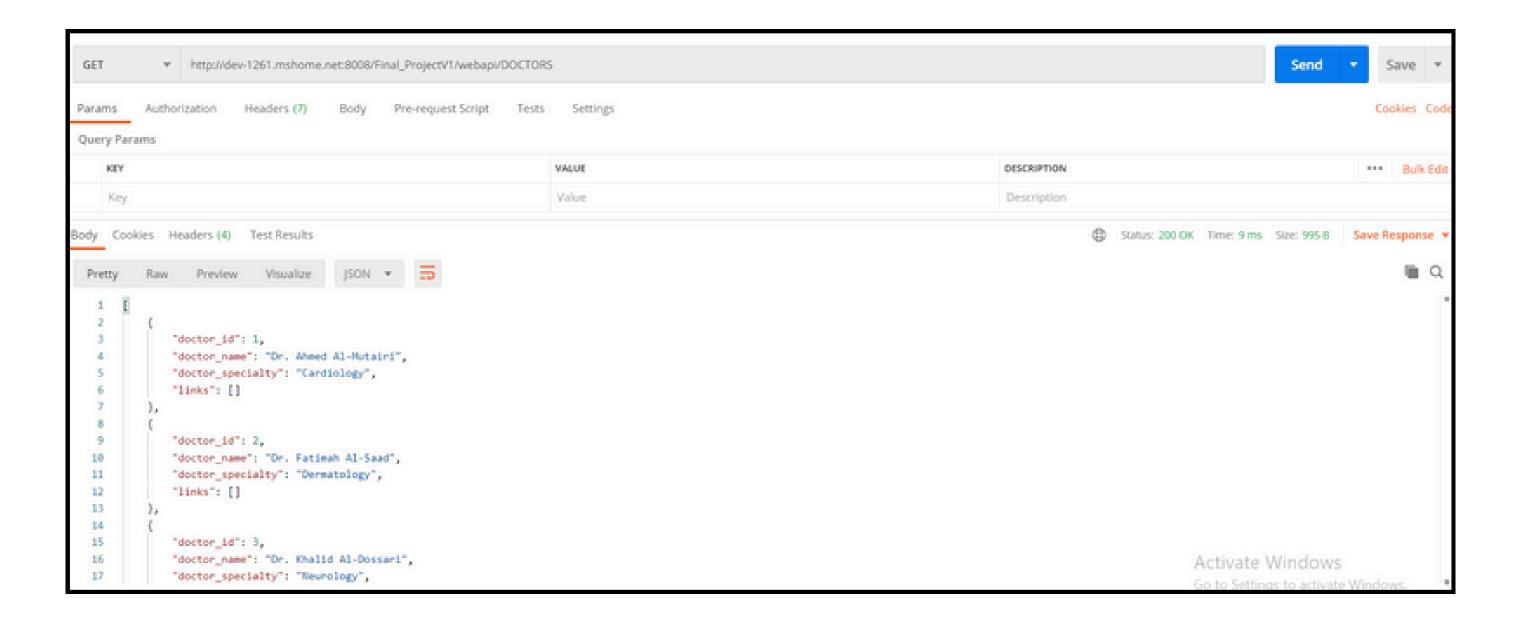


## **Doctor Journeys**

- •Registration and Login.
- •Manage Availability Schedule.
- View Pending Consultation Requests.
- Provide Consultation.
- Record Patient Diagnosis.
- Search Medical Records.



#### **GET All Doctors:**



#### **GET Doctor By ID:**

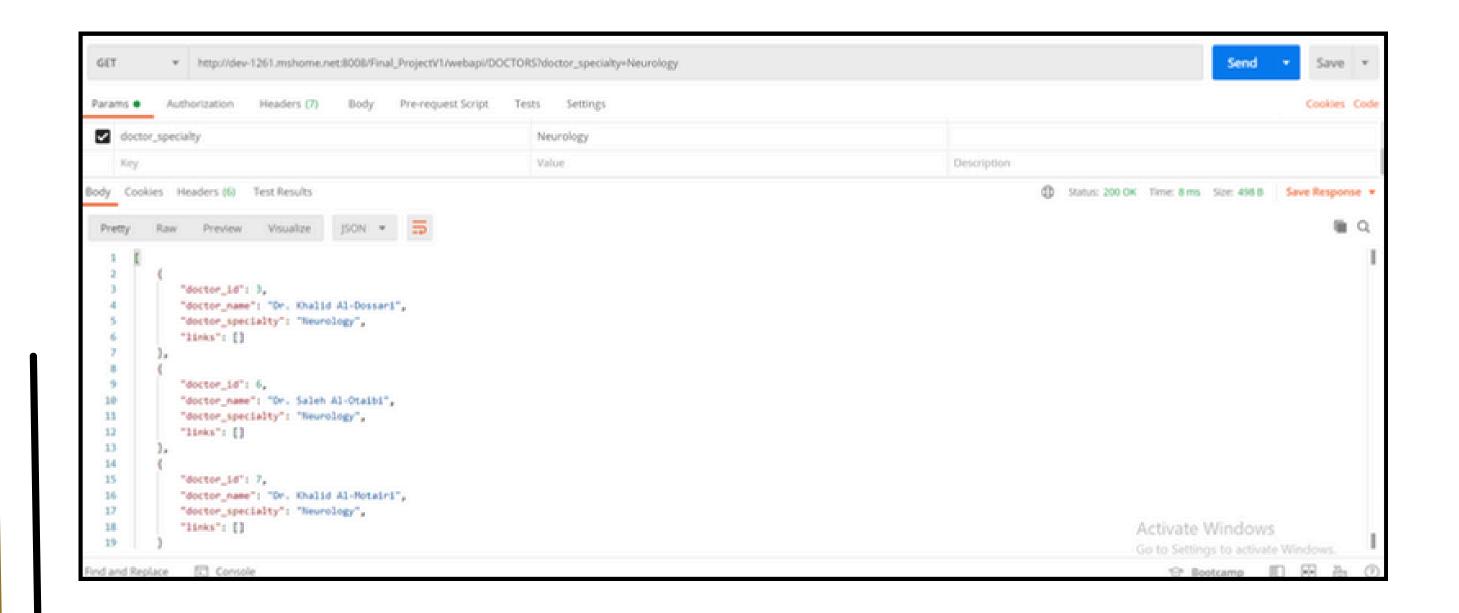




#### **GET Doctor By Name:**

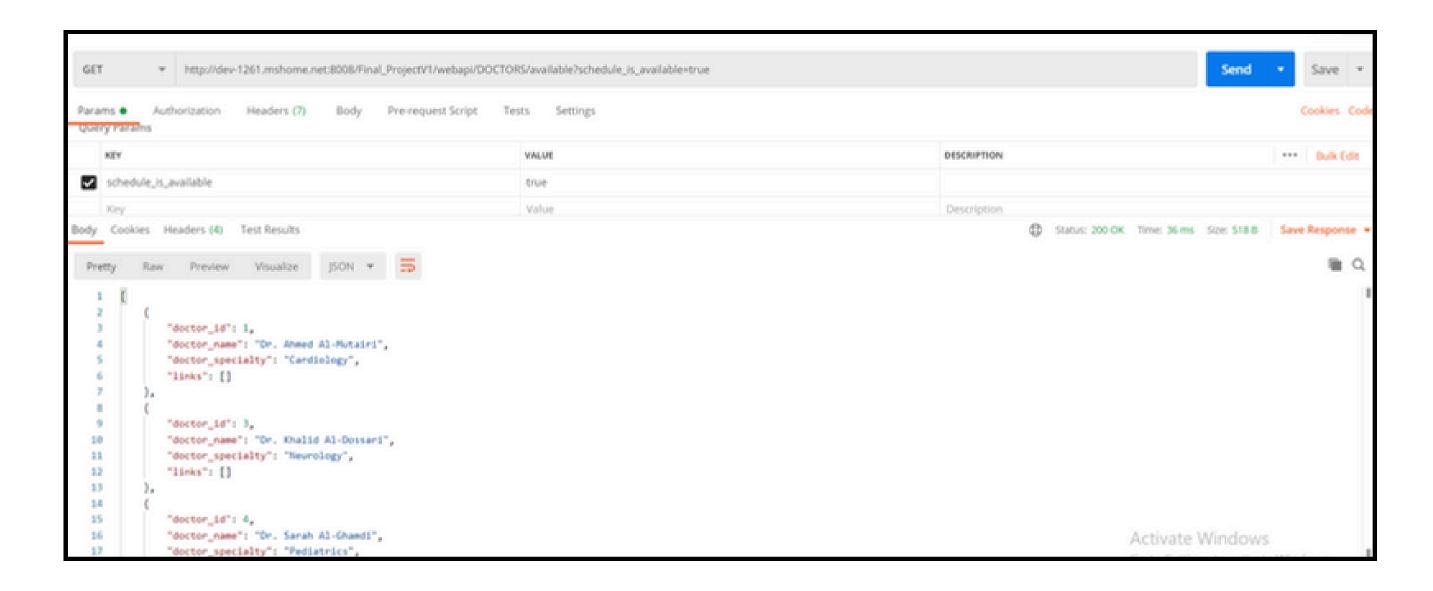


#### **GET Doctor By Specialty:**





#### **GET Doctor By Available:**



#### **GET Doctor By Rate:**

```
    http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/DOCTORS/rate?consultation_rating=4

                                                                                                                                                                                            Save *
Params • Authorization Headers (7) Body Pre-request Script Tests Settings
                                                                                                                                                                                           Cookies Codi
Query Paralins
   NOT Y
                                                                    VALUE
                                                                                                                                    DESCRIPTION
                                                                                                                                                                                        *** Bulk Edit
consultation_rating
                                                                                                                                                  Status: 200 OK Time: 8 ms Size: 423 8 Save Response *
lody Cookies Headers (4) Test Results
                                                                                                                                                                                               ■ Q
        Raw Preview Visualize JSON *
             "doctor_id": 4,
             "doctor_name": "Dr. Sarah Al-Ghamdi",
             "doctor_specialty": "Pediatrics",
             "lisks": []
             "doctor_id": 7,
             "doctor_name": "Or. Whalid Al-Motairi",
 10
            "doctor_specialty": "Neurology",
            "11sks": []
 12
 13
 14
             "doctor_id": 8,
 15
 36
             "doctor_name": "Or. Sarah Al-Ghandi",
             "doctor_specialty": "Orthopedics",
 17
                                                                                                                                                                 Activate Windows
 3.8
            "lisks": []
                                                                                                                                                                 Go to Settings to activate Windows.
```



#### **POST Doctor:**

#### **PUT Doctor:**





#### **Patient APIs**

- •Registration and Login.
- Search for Doctors.
- Request Consultation.
- Check Consultation Results.
- •Request Medical History Report.
- Rate Doctors.

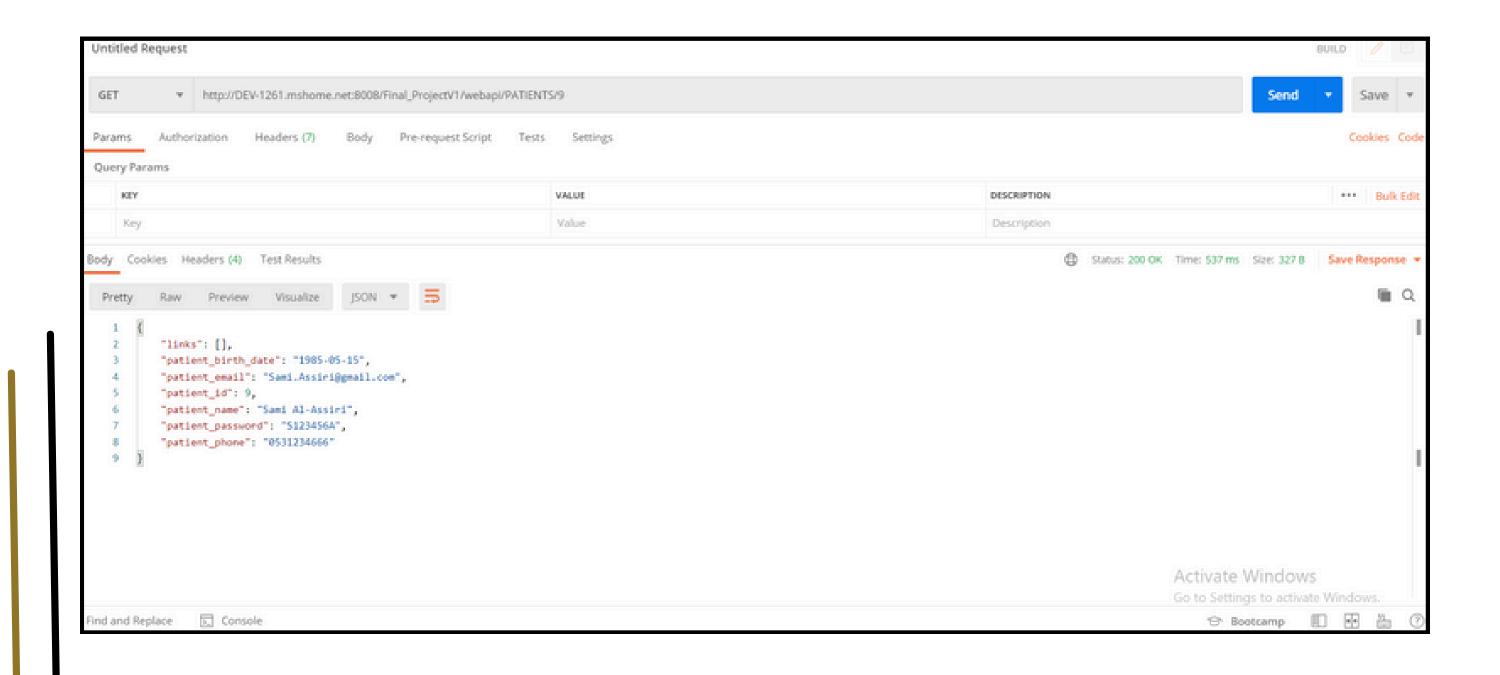


#### **Patient APIs**

#### **GET All Patient:**

```
http://DEV-1261.mshome.net:8008/Final_ProjectV1/webapi/PATIENTS
                                                                                                                                                                                                         Save *
         Authorization Headers (7) Body Pre-request Script Tests Settings
                                                                                                                                                                                                       Cookies Coo
                                                                                                                                                         Status: 200 OK Time: 18 ms Size: 1.86 KB Save Response *
Body Cookies Headers (4) Test Results
                            Visualize
               "patient_birth_date": "1985-04-23",
               "patient_email": "mohammed.otaibi@gmail.com",
              "patient_id": 1,
              "patient_name": "Mohammed Al-Otaibi",
              "patient_password": "R1234560",
               "patient_phone": "0586789012"
  10
  11
  12
               "patient_birth_date": "1990-07-12",
  13
              "patient_email": "aisha.qahtani@gmail.com",
  14
  15
              "patient_id": 2,
              "patient_name": "Aisha Al-Quhtani",
  16
  17
              "patient_password": "A123456Q",
              "patient_phone": "0597890123"
  18
  19
  20
  21
                                                                                                                                                                            Activate Windows
               "patient_birth_date": "1982-11-30",
  22
               "noticed small": "hassan charmanifemail con"
                                                                                                                                                                            Go to Settings to activate Windows.
```

#### **GET Patient By ID:**



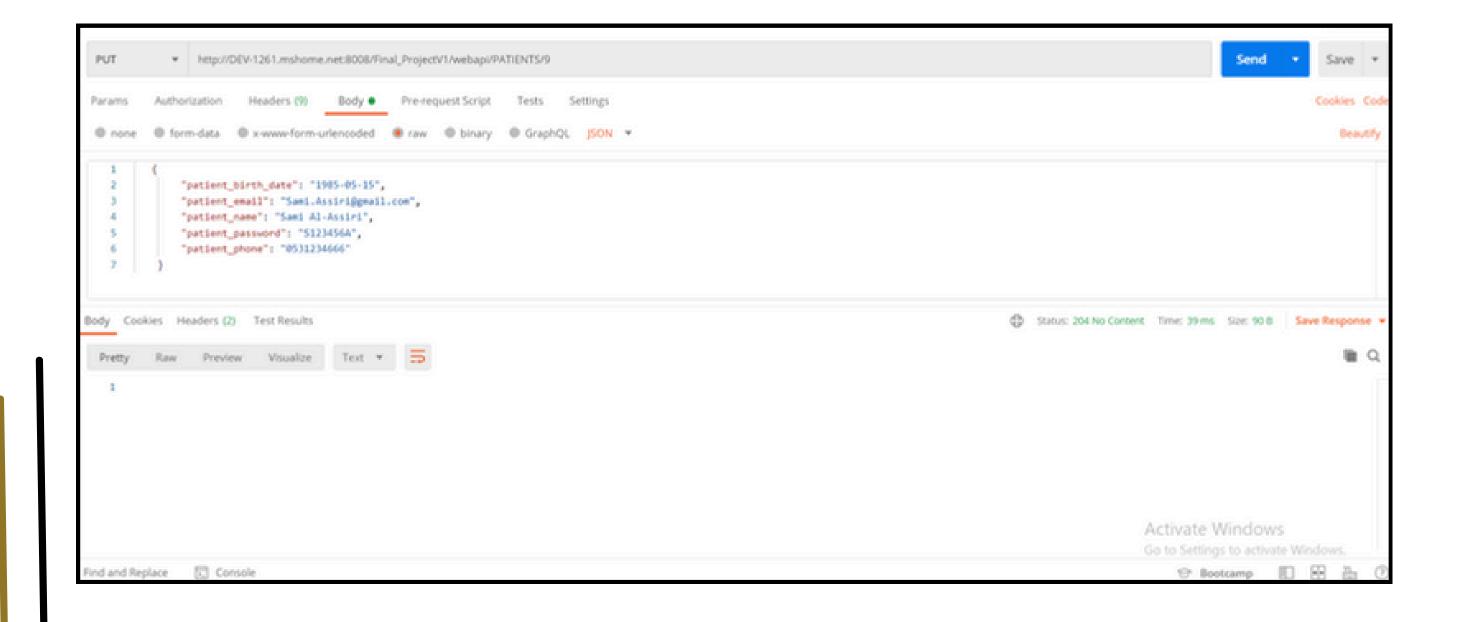


#### **Patient APIs**

#### **POST Patient:**



#### **PUT Patient:**





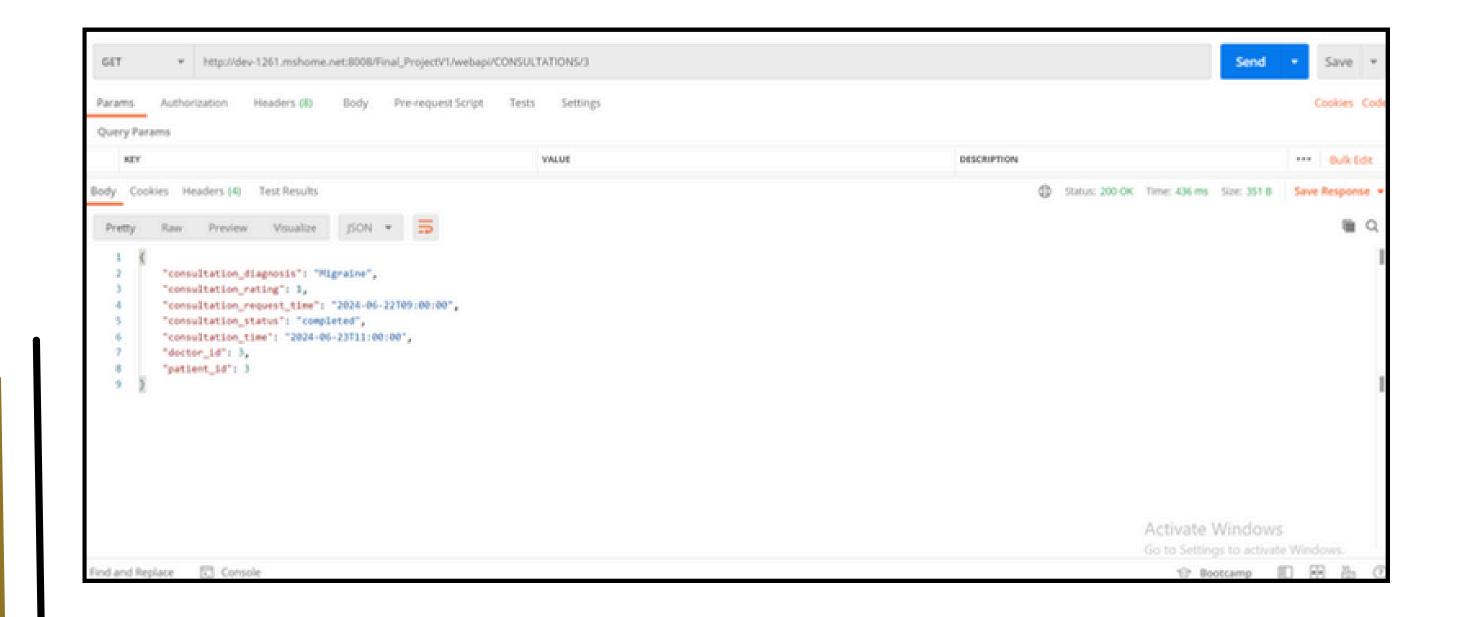
## **Consultation APIs**



#### **GET All Consultation:**

```
http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/CONSULTATIONS
                                                                                                                                                                                                      Save *
          Authorization Headers (8)
                                       Body Pre-request Script Tests Settings
                                                                                                                                                                                                     Cookies Code
                                                                                                                                                       Status: 200 OK Time: 499 ms Size: 2.96 KB Save Response *
Body Cookies Headers (4) Test Results
  2
              "consultation_diagnosis": "Hypertension",
              "consultation_rating": 5,
              "consultation_request_time": "2024-06-20710:00:00",
              "consultation_status": "completed",
              "consultation_time": "2024-06-21714:00:00",
              "doctor_id": 1,
              "links": [],
 10
              "patient_id": 1
 11
 12
 13
              "consultation_diagnosis": "Acne Vulgaris",
 14
              "consultation_rating": 2,
              "consultation_request_time": "2024-06-21T12:30:00",
 15
 16
              "consultation_status": "pending",
              "consultation_time": "2024-06-22T15:00:00",
 17
 18
              "doctor_id": 2,
 19
              "links": [].
 20
              "patient_id": 2
 21
                                                                                                                                                                          Activate Windows
 22
              Consultation discouling "Missains"
                                                                                                                                                                          Go to Settings to activate Windows.
                                                                                                                                                                               ⊕ Bootcamp III FR A
```

#### **GET Consultation By ID:**





#### **GET Consultation By Patient ID:**

```
    http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/CONSULTATIONS?patient_id=2

                                                                                                                                                                                                           Save *
                                          Body Pre-request Script Tests Settings
                                                                                                                                                                                                         Cookies Cod
                           Headers (8)
                                                                                                                                                            Status: 200 OK Time: 60 ms Size: 694 B Save Response
Body Cookies Headers (6) Test Results
                                                                                                                                                                                                              □ Q
               "consultation_diagnosis": "Acne Vulgaris",
              "consultation_rating": 2,
              "consultation_request_time": "2024-06-21T12:30:00",
              "consultation_status": "pending",
              "consultation_time": "2024-06-22715:00:00",
              "doctor_id": 2,
              "patient_id": 2
  10
  11
  12
              "consultation_diagnosis": "easonal allergies, prescribed antihistamines",
  13
              "consultation_rating": 2,
  14
              "consultation_request_time": "2024-06-01T10:00:00",
  15
              "consultation_status": "completed",
              "consultation_time": "2024-07-07T14:02:35.1826235",
  16
  17
              "dector_id": 11,
  18
              "patient_id": 2
  19
                                                                                                                                                                             Activate Windows
                                                                                                                                                                             Go to Settings to activate Windows.
                 Console
```

#### **GET Consultation By Diagnosis:**

```
    http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/CONSULTATIONS?consultation_diagnosis=Hypertension

                                                                                                                                                                                                      Save -
            Authorization Headers (8)
                                        Body Pre-request Script Tests Settings
                                                                                                                                                                                                     Cookies Co.
Body Cookies Headers (6) Test Results
                                                                                                                                                         Status: 200 OK Time: 14 ms Size: 433 8 Save Response
                                                                                                                                                                                                         Raw Preview
                           Visualize
              "consultation_diagnosis": "Hypertension",
              "consultation_rating": 5,
              "consultation_request_time": "2024-06-20T10:00:00",
              "consultation_status": "completed",
              "consultation_time": "2024-06-21T14:00:00",
              "doctor_id": 1,
              "patient_16": 1
 10
 11 ]
                                                                                                                                                                         Activate Windows
                                                                                                                                                                         Go to Settings to activate Windows.
                                                                                                                                                                              12 Bootcamp III FR III.
```

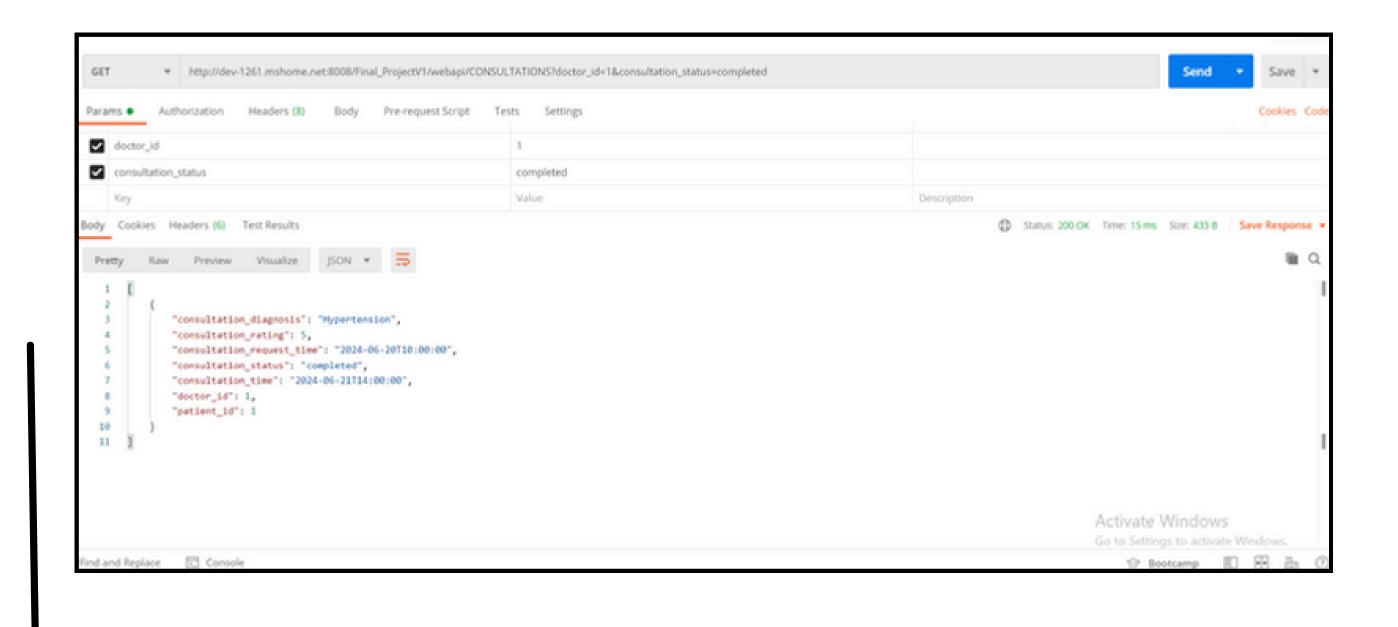


#### **GET Consultation By Status:**

```
    http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/CONSULTATIONS?consultation_status=pending

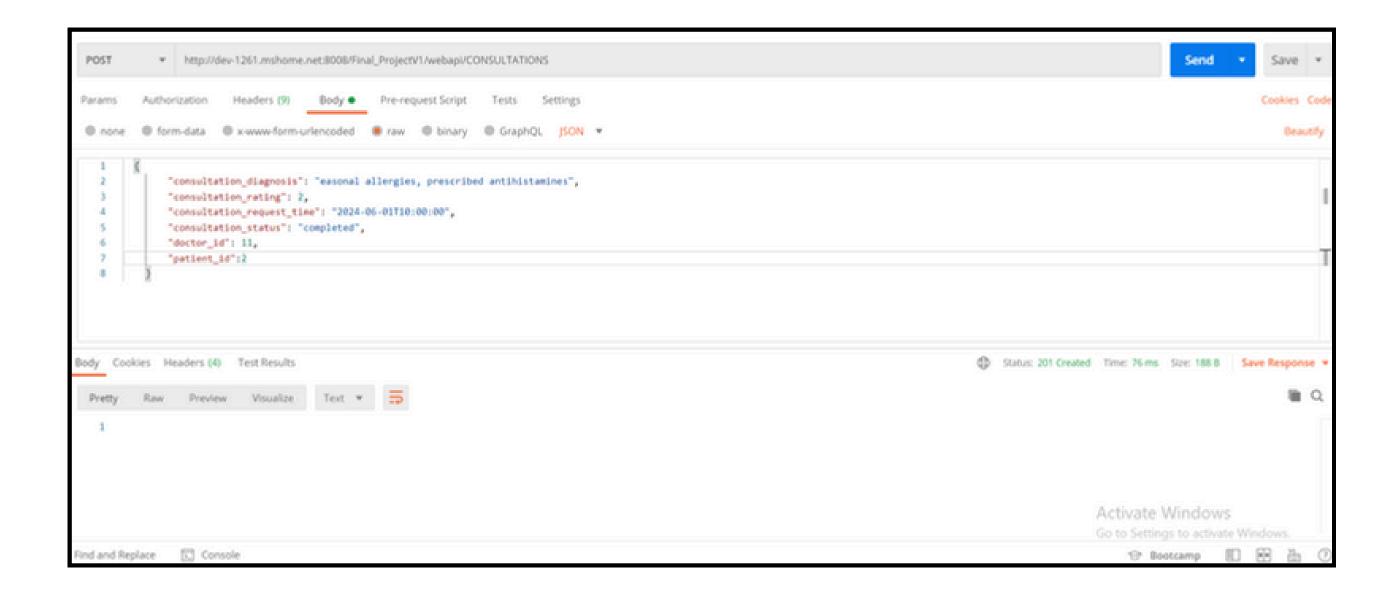
           Authorization Headers (8)
                                        Body Pre-request Script Tests Settings
                                                                                                                                                          Status: 200 OK Time: 12 ms Size: 860 8 Save Response
Body Cookies Headers (6) Test Results
              "consultation_diagnosis": "Acne Vulgaris",
              "consultation_rating": 2,
              "consultation_request_time": "2024-06-21T12:30:00",
              "consultation_status": "pending",
              "consultation_time": "2024-06-22715:00:00",
              "doctor_id": 2,
              "patient_id": 2
 10
 11
              "consultation_diagnosis": "Asthma",
 13
             "consultation_rating": 4,
             "consultation_request_time": "2024-06-23T14:30:00",
  14
  15
             "consultation_status": "pending",
              "consultation_time": "2024-06-24716:00:00",
              "doctor_1d": 4,
 18
              "patient_id": 4
 19
 20
              "consultation_diagnosis": "Migraine",
 21
                                                                                                                                                                          Activate Windows
 22
              "consultation_rating": 4,
              "consultation remark time": "5854,86,58788-88-88"
                                                                                                                                                                           Go to Settings to activate Windows.
                                                                                                                                                                               © Bootcamp ID FR Ah
               Console
```

#### **GET Consultation By Doctor ID & Status:**

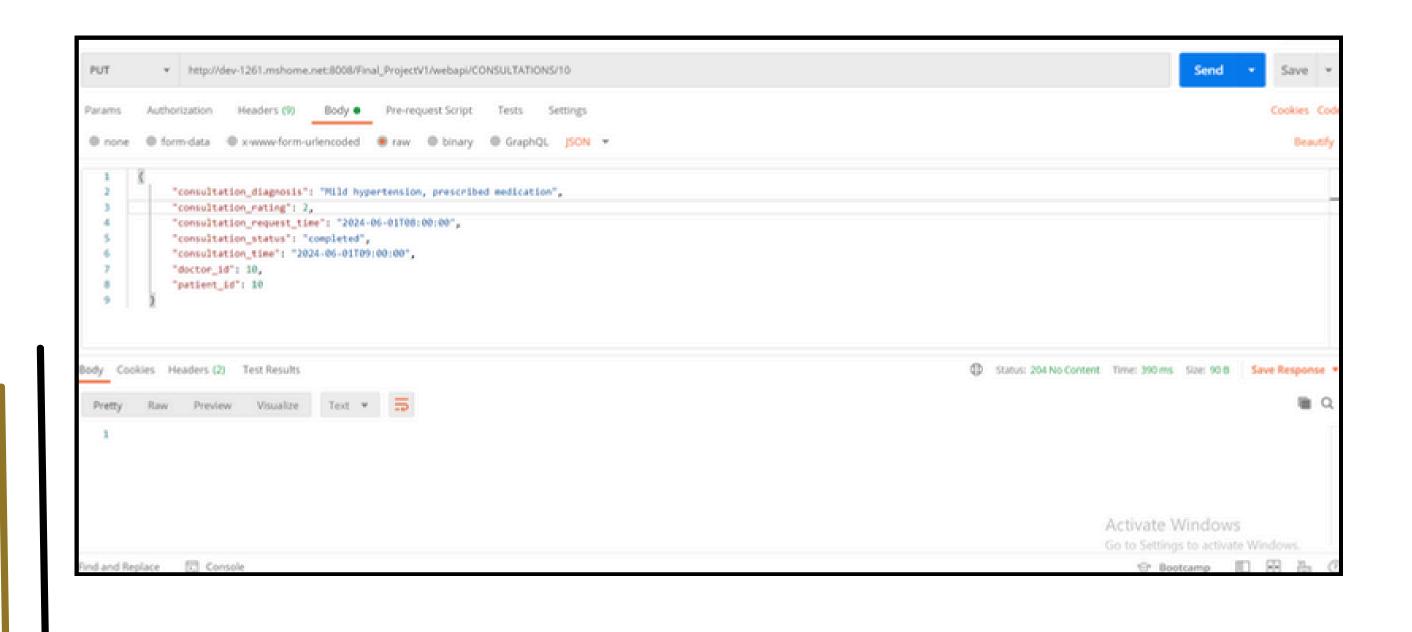




#### **POST Consultation:**



#### **PUT Consultation:**



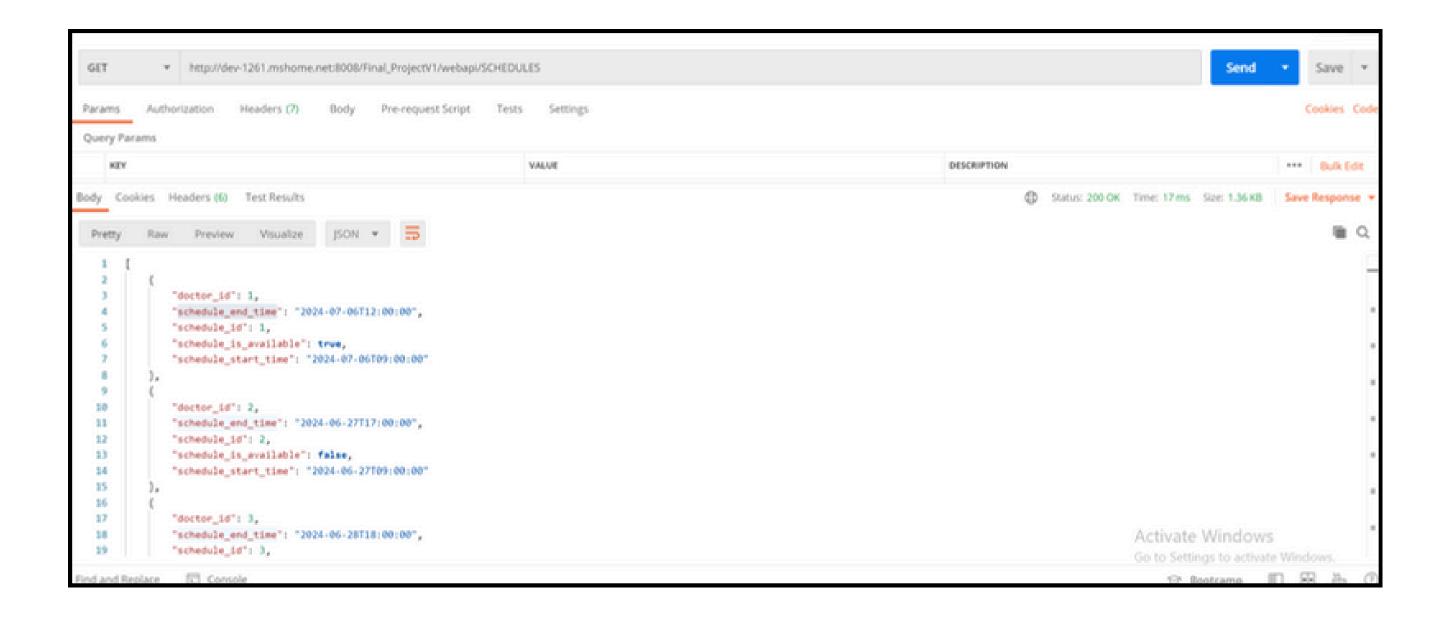


## ScheduleAPIs



#### **Schedule APIs**

#### **GET Schedule:**



#### **GET Schedule By ID:**

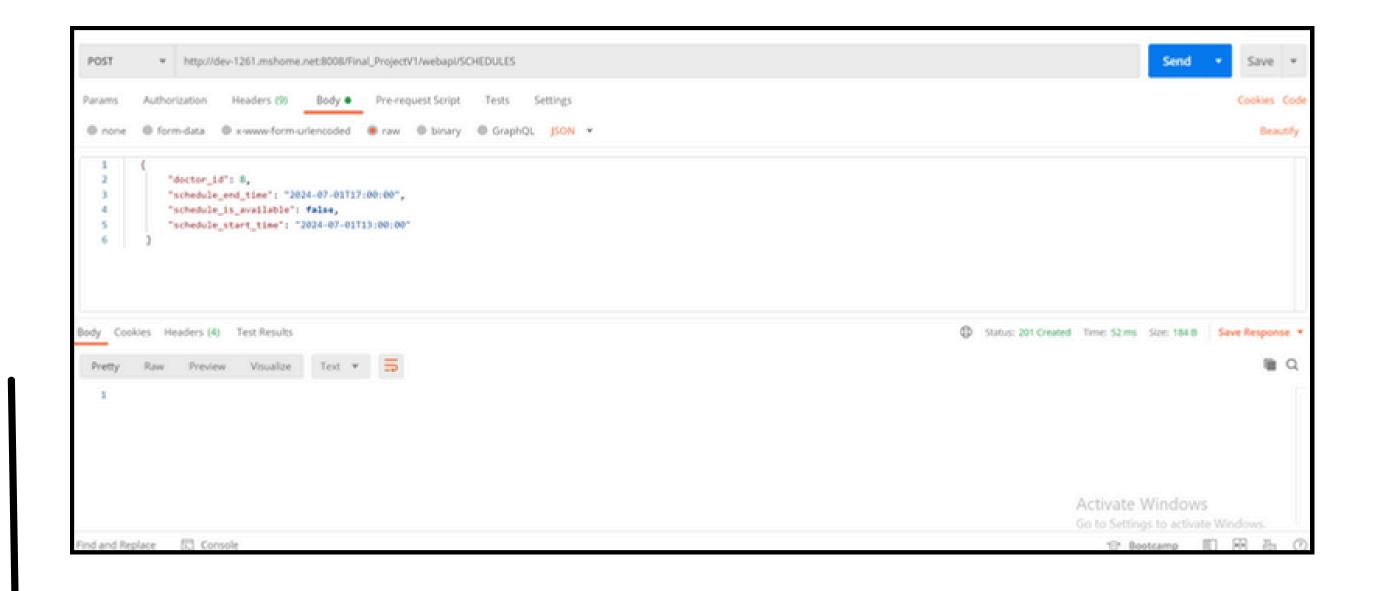


#### **Schedule APIs**

#### **GET Schedule By Doctor ID:**



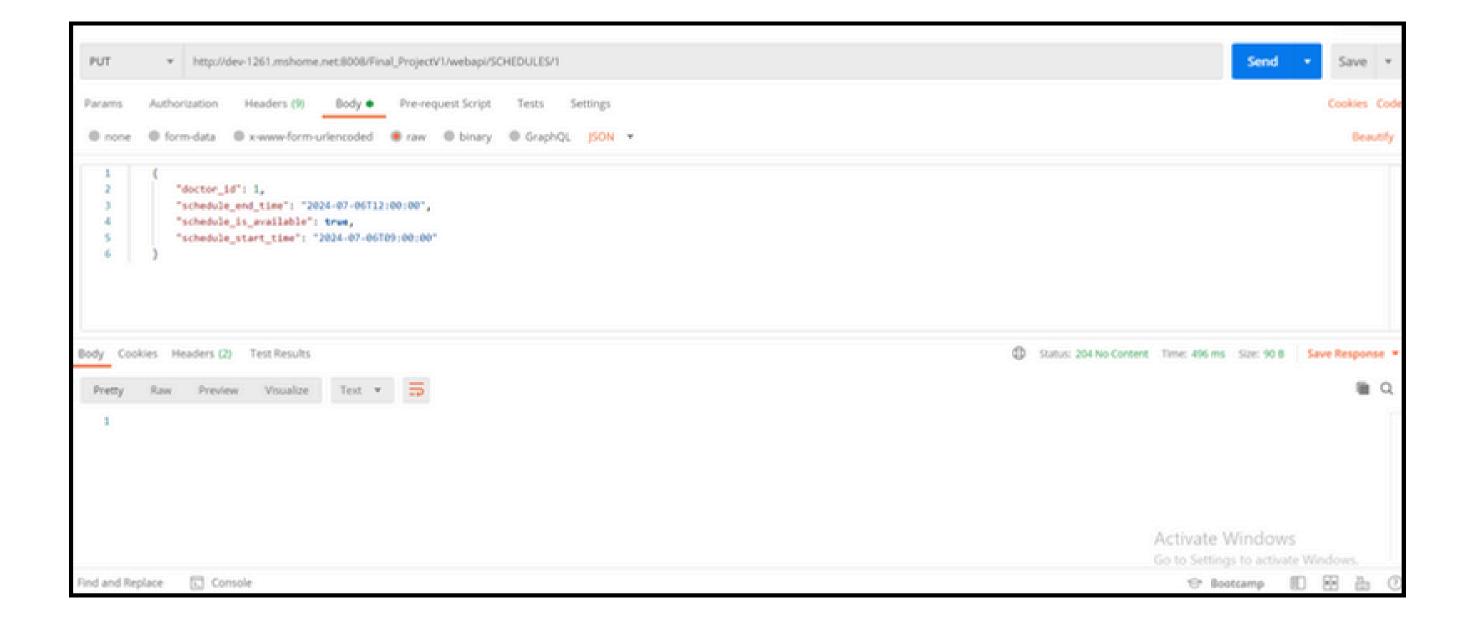
#### **POST Schedule:**





#### **Schedule APIs**

#### **PUT Schedule:**

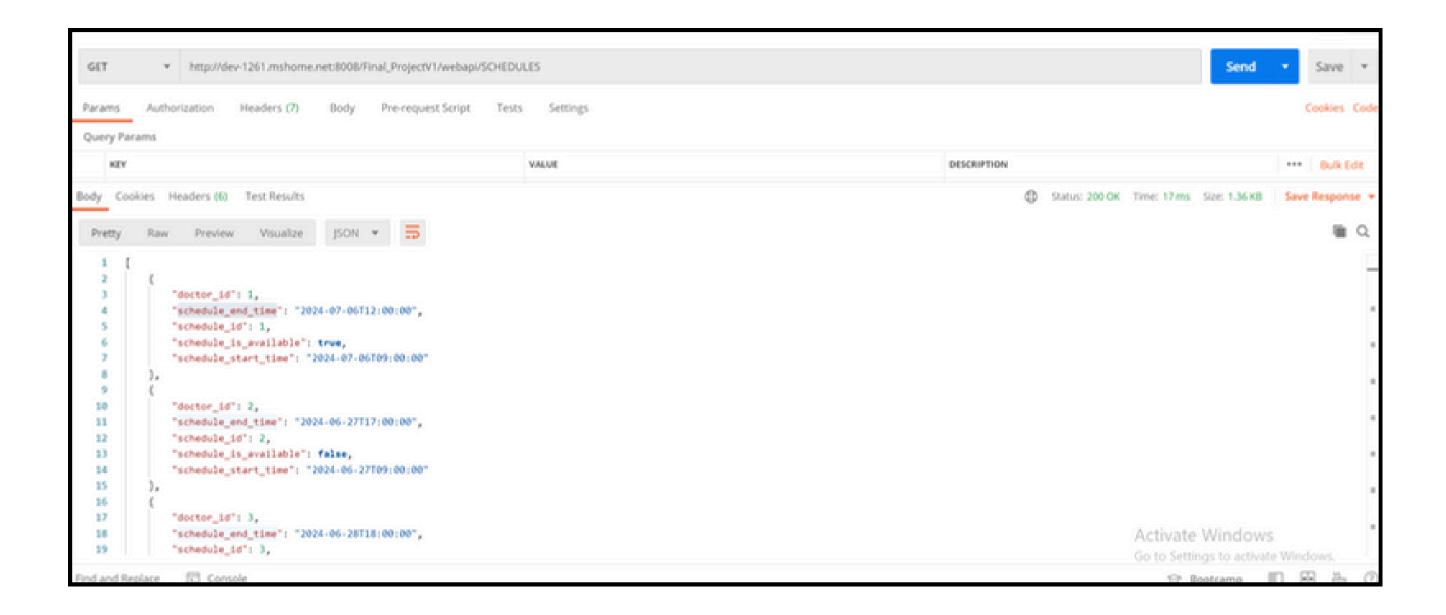




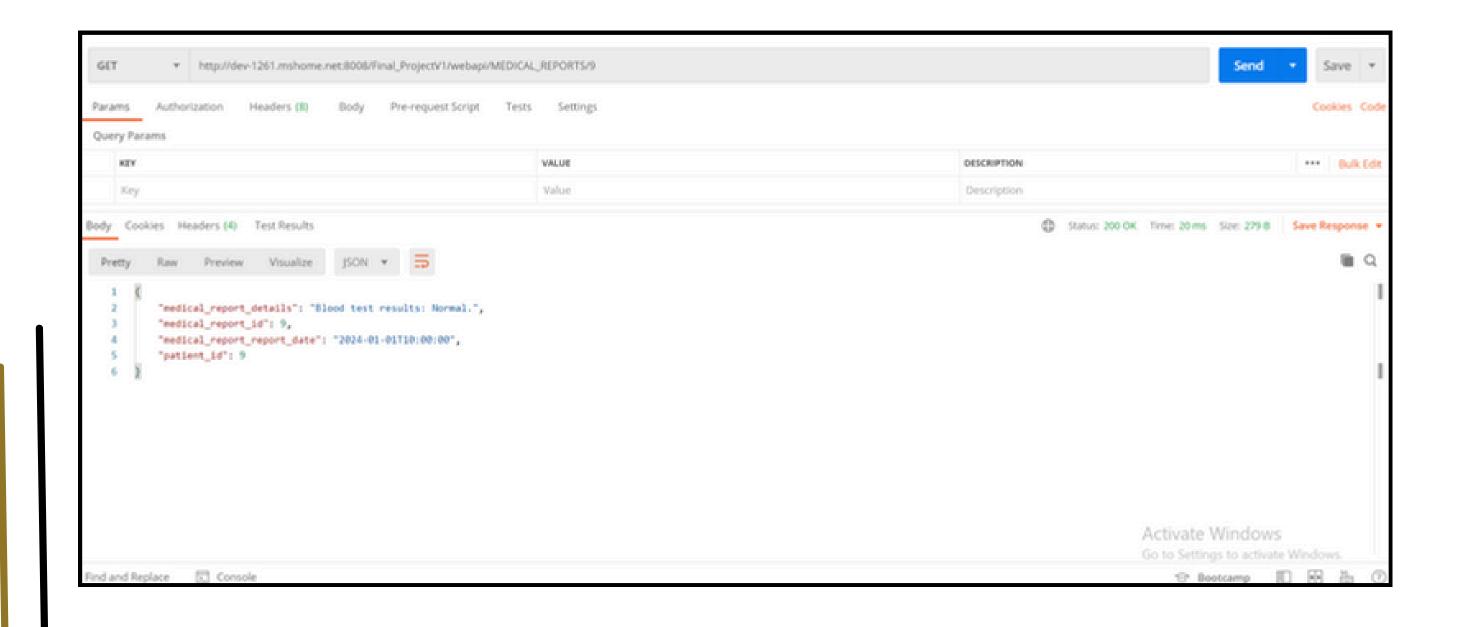
## Medical Reports APIs



#### **GET Medical Reports:**

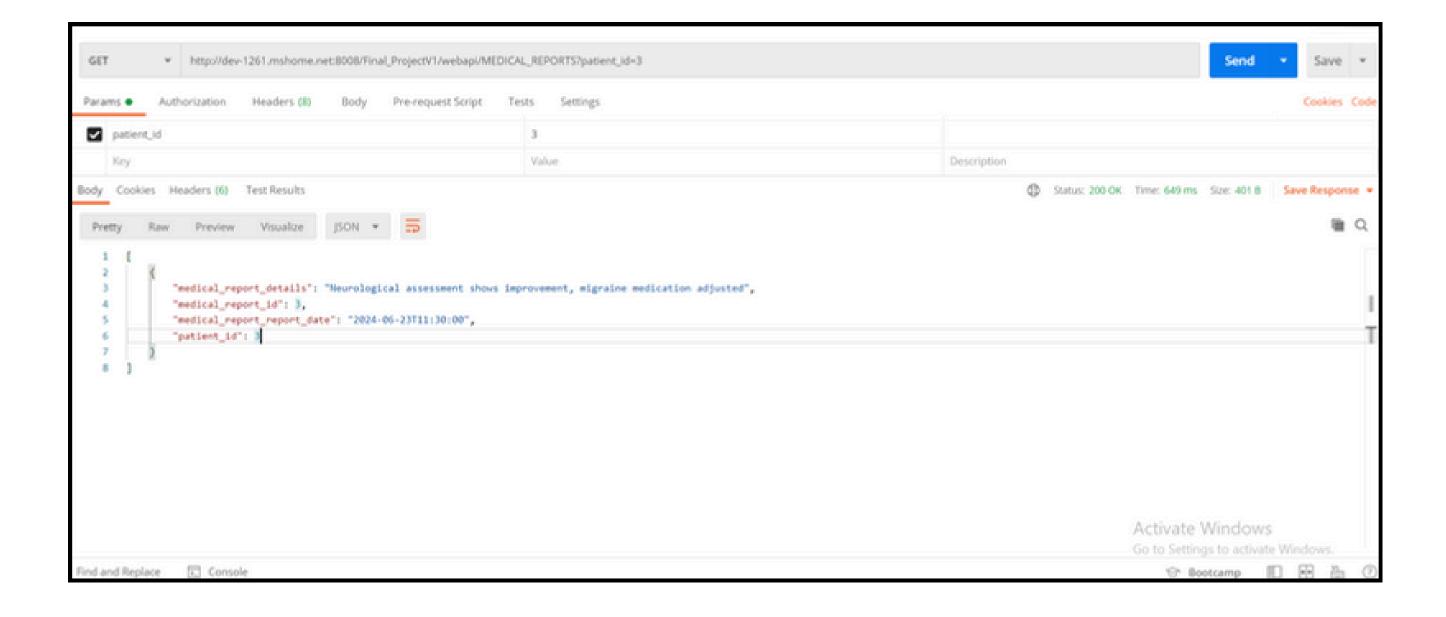


#### **GET Medical Report By ID:**

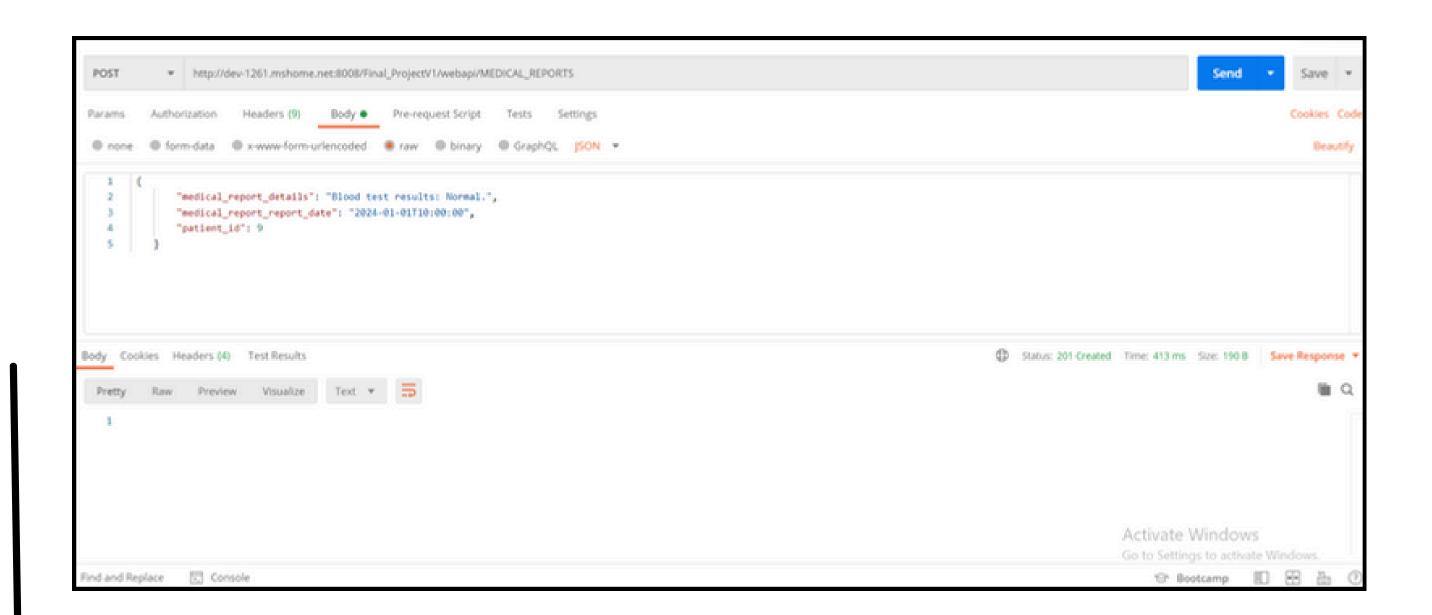




#### **GET Medical Report By Patient ID:**

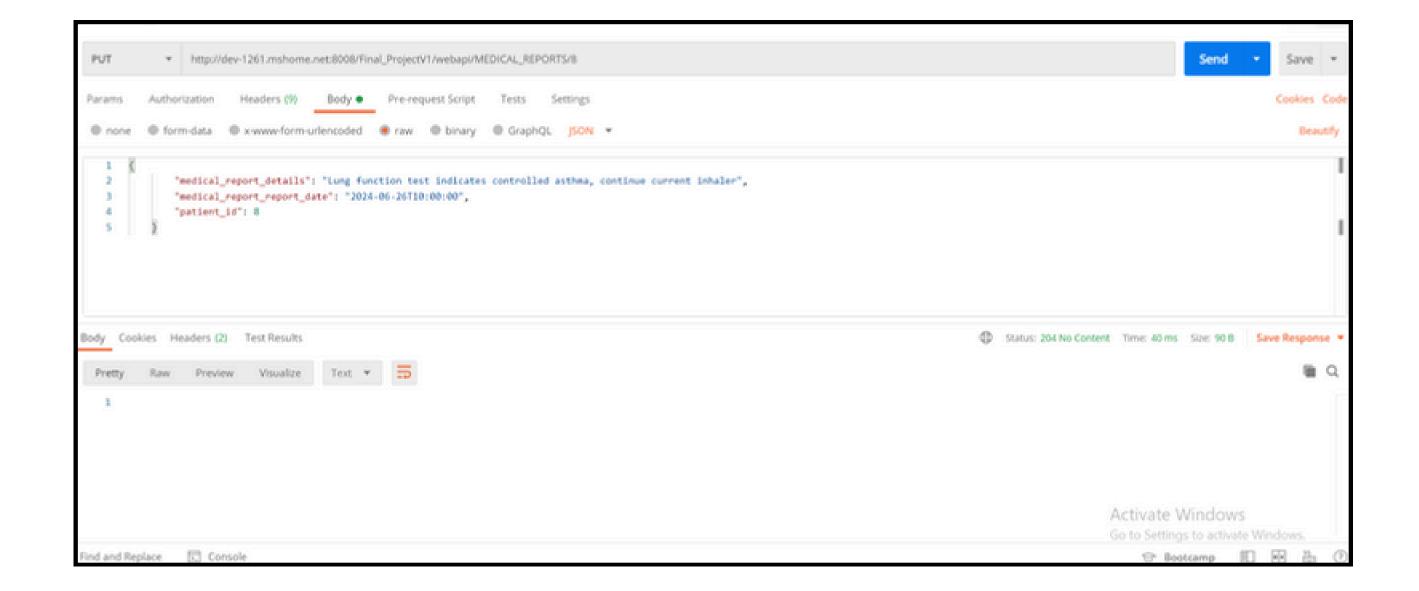


#### **POST Medical Report:**





#### **PUT Medical Report:**



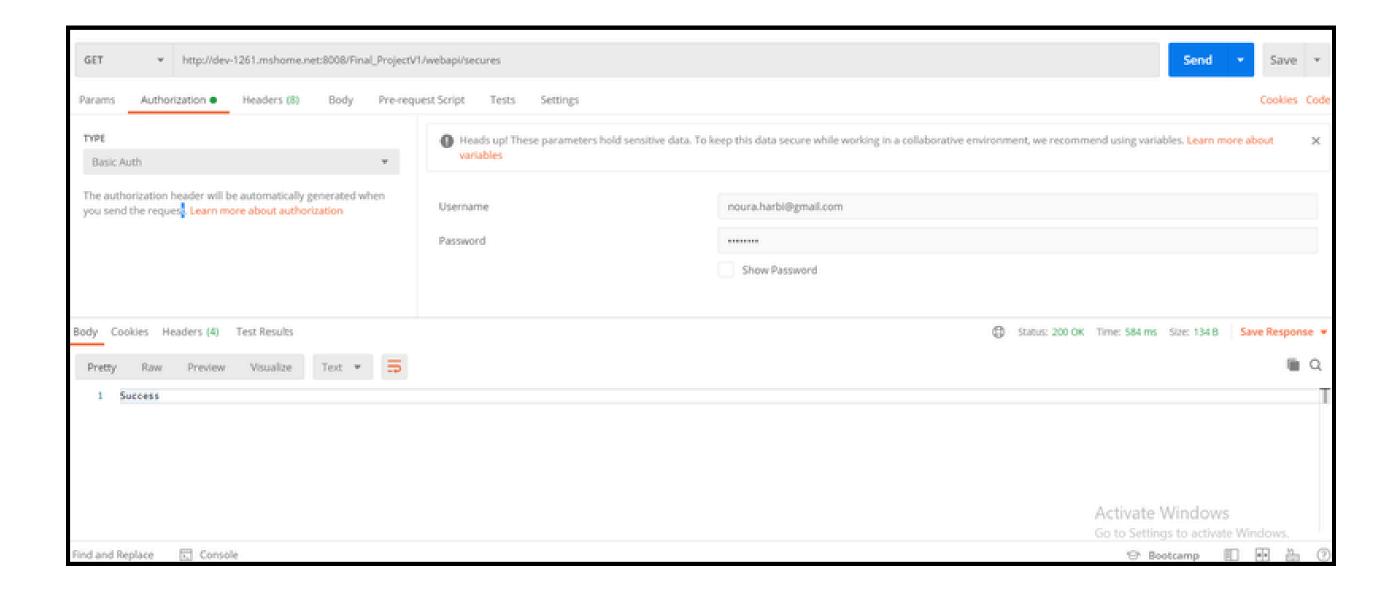


# Login APIs



## LoginAPIs

#### **Doctor Login:**



#### Patient Login:

