Medical Consultation Platform

Presented by:

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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:
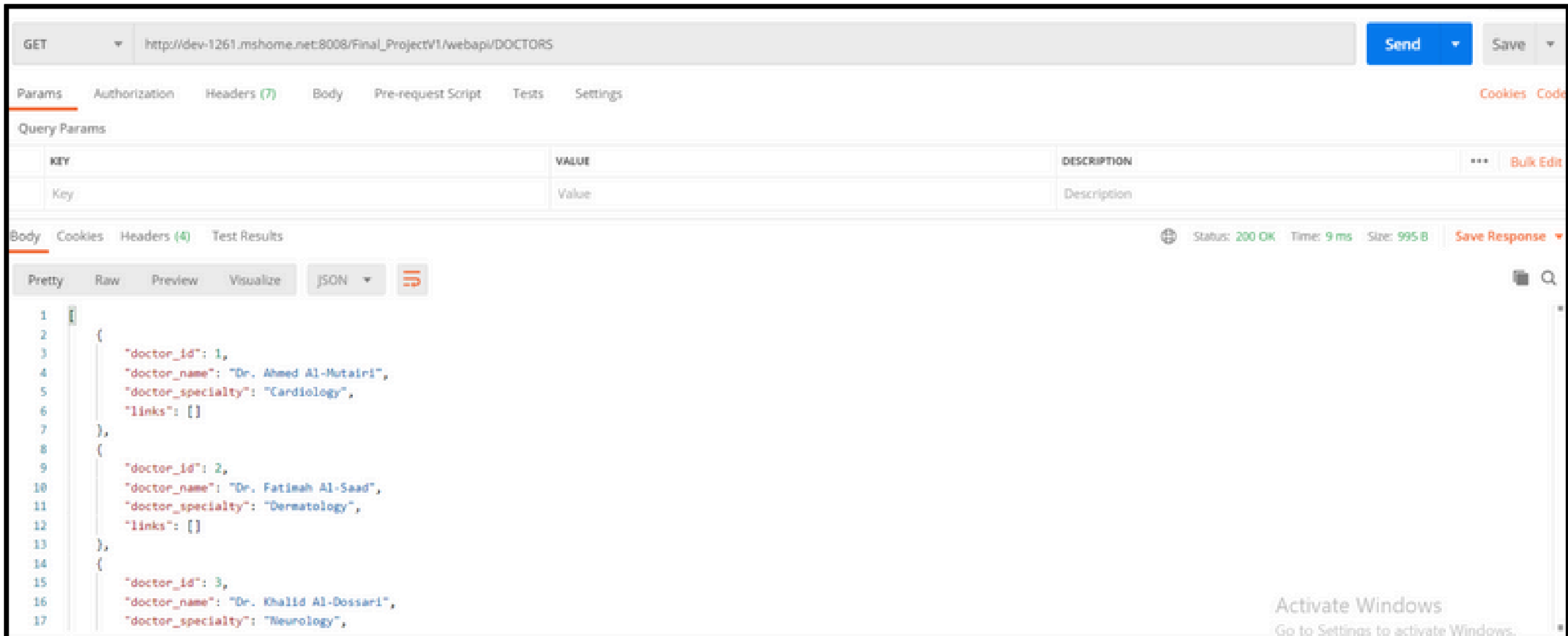- **Doctor Journeys.**
- **Patient Journeys.**

Doctor Journeys

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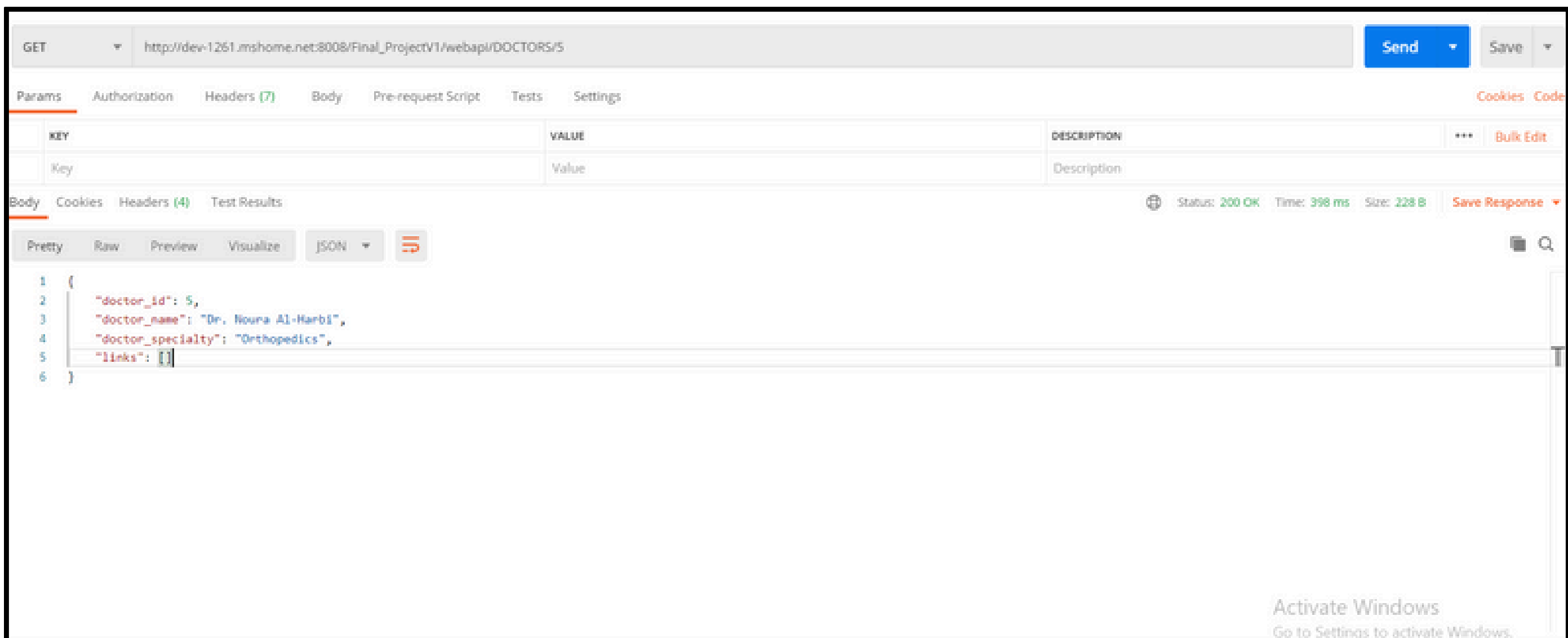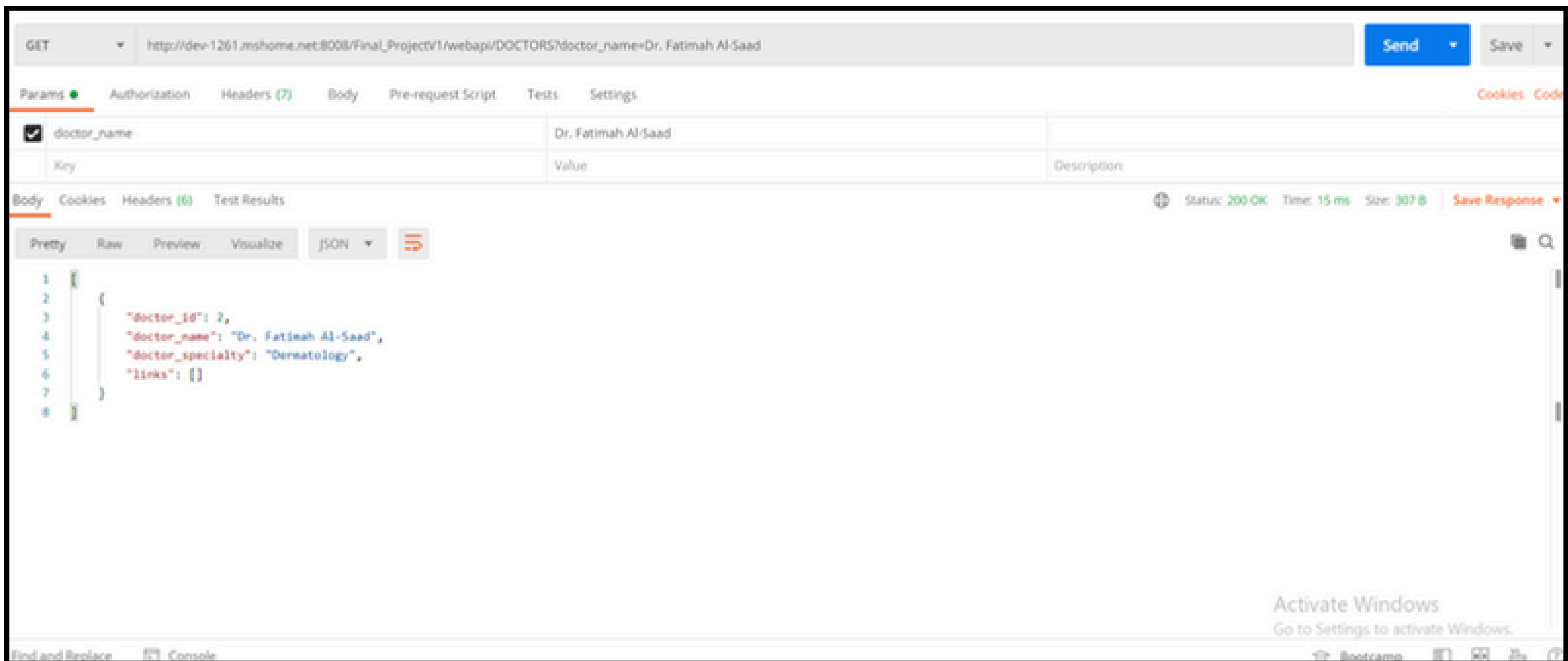- Search Medical Records.

MEDICAL CONSULTATION

Patient Journeys

- Registration and Login.

- Search for Doctors.

- Request Consultation.

- Check Consultation Results.

- Request Medical History Report.

- Rate Doctors.

MEDICAL CONSULTATION

Approach to Solution

Back End:

IntelliJ IDEA.

Model layer.

DTO layer.

DAO layer.

Controller layer.

Mappers.

Helpers.

Exceptions.

FrontEnd:

Angular.

HTML.

CSS.

Type Secript.

MEDICAL CONSULTATION

Doctor Journeys

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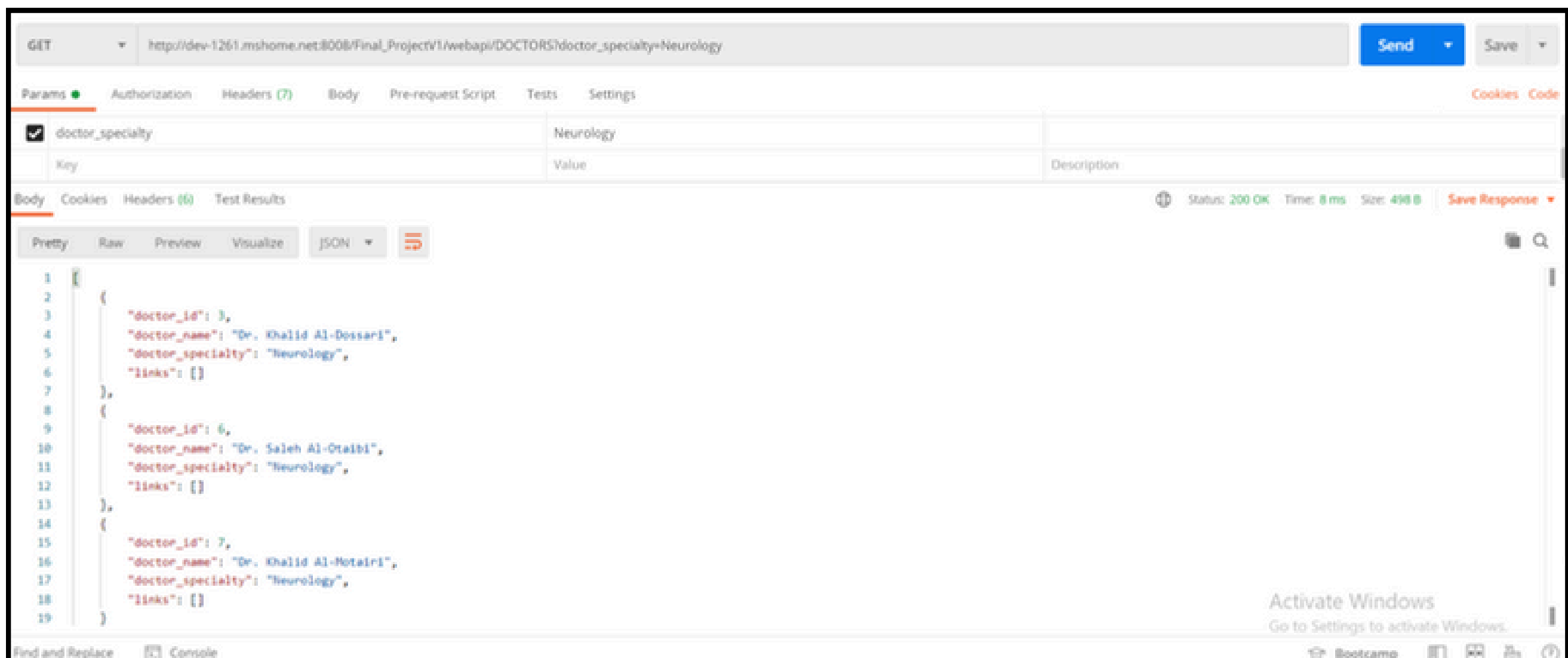- Record Patient Diagnosis.
- Search Medical Records.

MEDICAL CONSULTATION

GET All Doctors:

GET	▼	http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/DOCTORS		Send	▼	Save	▼

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

Query Params

KEY	VALUE	DESCRIPTION	•••	Bulk Edit
Key	Value	Description		

Body Cookies Headers (4) Test Results   ⊕ Status: 200 OK Time: 9 ms Size: 995 B   Save Response ▼

Pretty Raw Preview Visualize JSON ▼

```
1  [
2    {
3      "doctor_id": 1,
4      "doctor_name": "Dr. Ahmed Al-Mutairi",
5      "doctor_specialty": "Cardiology",
6      "links": []
7    },
8    {
9      "doctor_id": 2,
10     "doctor_name": "Dr. Fatimah Al-Saad",
11     "doctor_specialty": "Dermatology",
12     "links": []
13   },
14   {
15     "doctor_id": 3,
16     "doctor_name": "Dr. Khalid Al-Dossari",
17     "doctor_specialty": "Neurology",
```

Activate Windows
Go to Settings to activate Windows.

GET Doctor By ID:

GET	▼	http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/DOCTORS/5		Send	▼	Save	▼

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

KEY	VALUE	DESCRIPTION	•••	Bulk Edit
Key	Value	Description		

Body Cookies Headers (4) Test Results   ⊕ Status: 200 OK Time: 398 ms Size: 228 B   Save Response ▼

Pretty Raw Preview Visualize JSON ▼

```
1  {
2    "doctor_id": 5,
3    "doctor_name": "Dr. Noura Al-Harbi",
4    "doctor_specialty": "Orthopedics",
5    "links": []
6  }
```

Activate Windows
Go to Settings to activate Windows.

Doctor APIs

GET Doctor By Name:

GET Doctor By Specialty:

Doctor APIs

GET Doctor By Available:

GET Doctor By Rate:
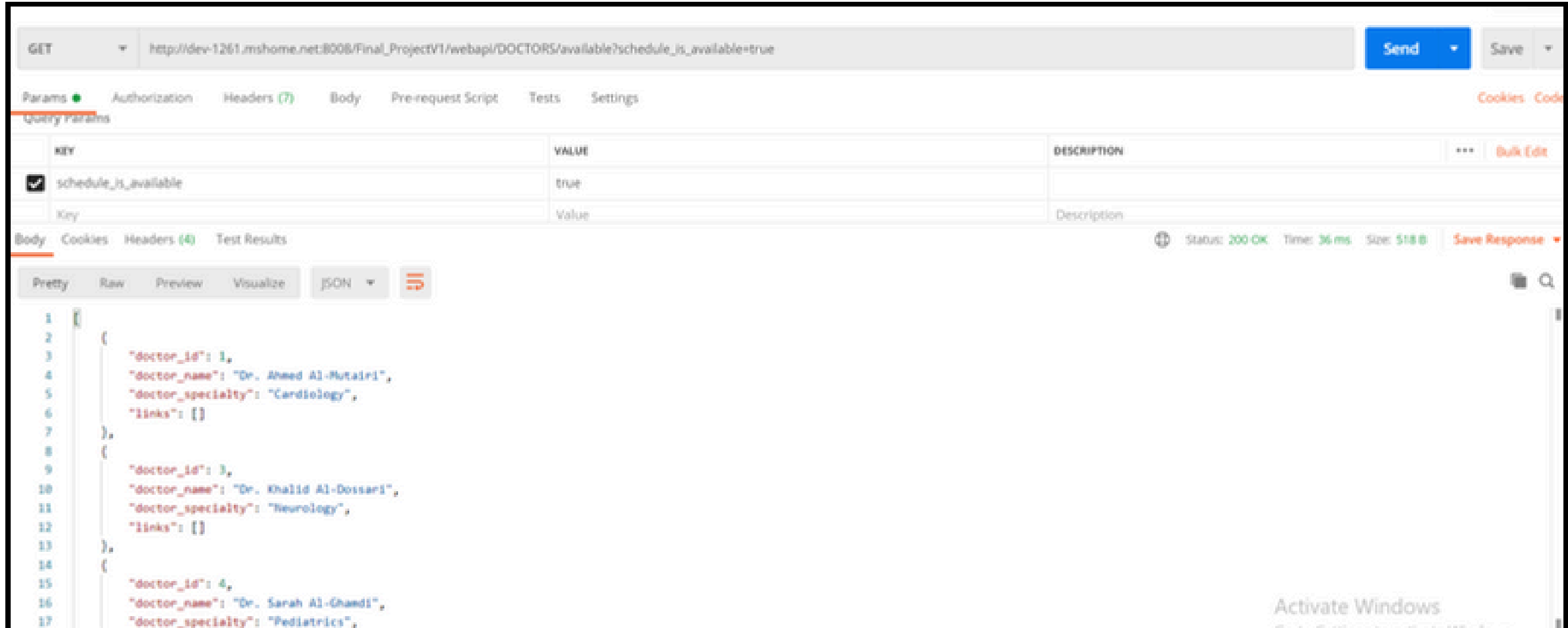
MEDICAL CONSULTATION
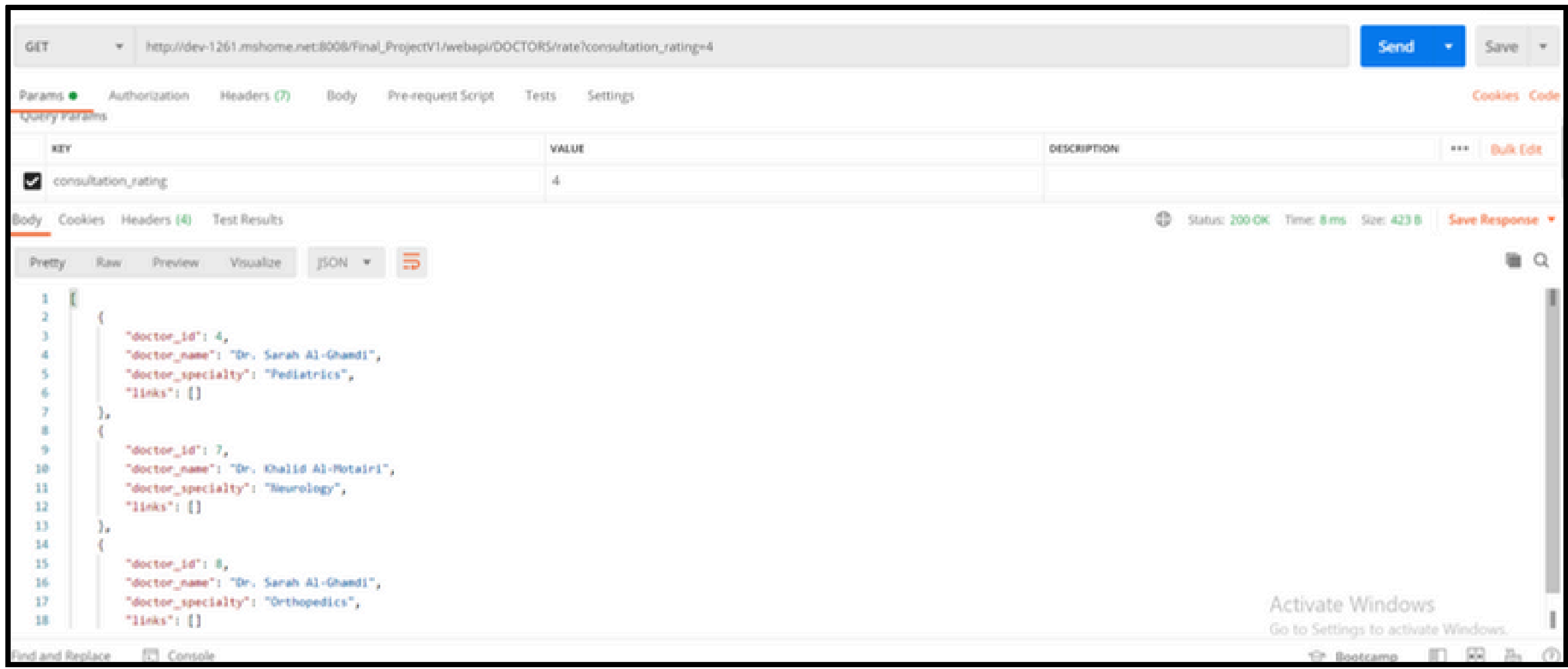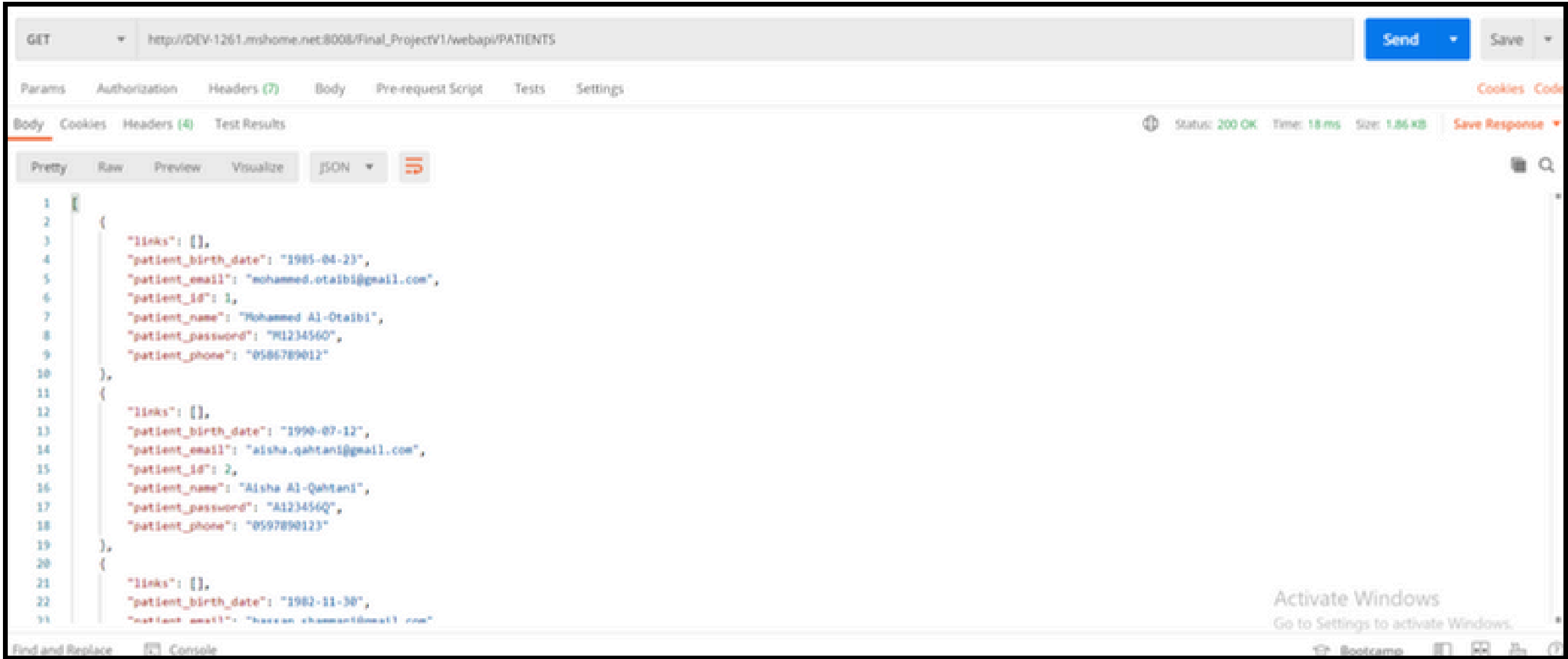
Doctor APIs

POST Doctor:
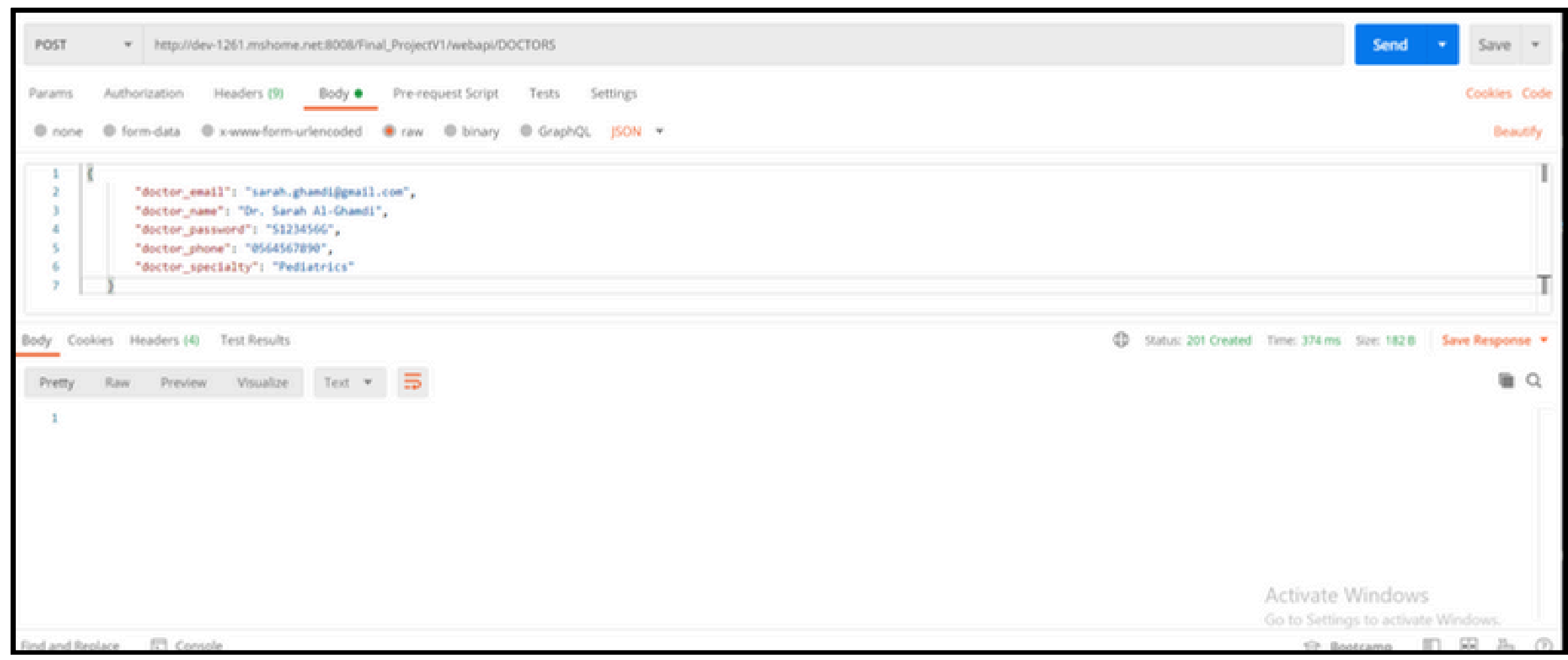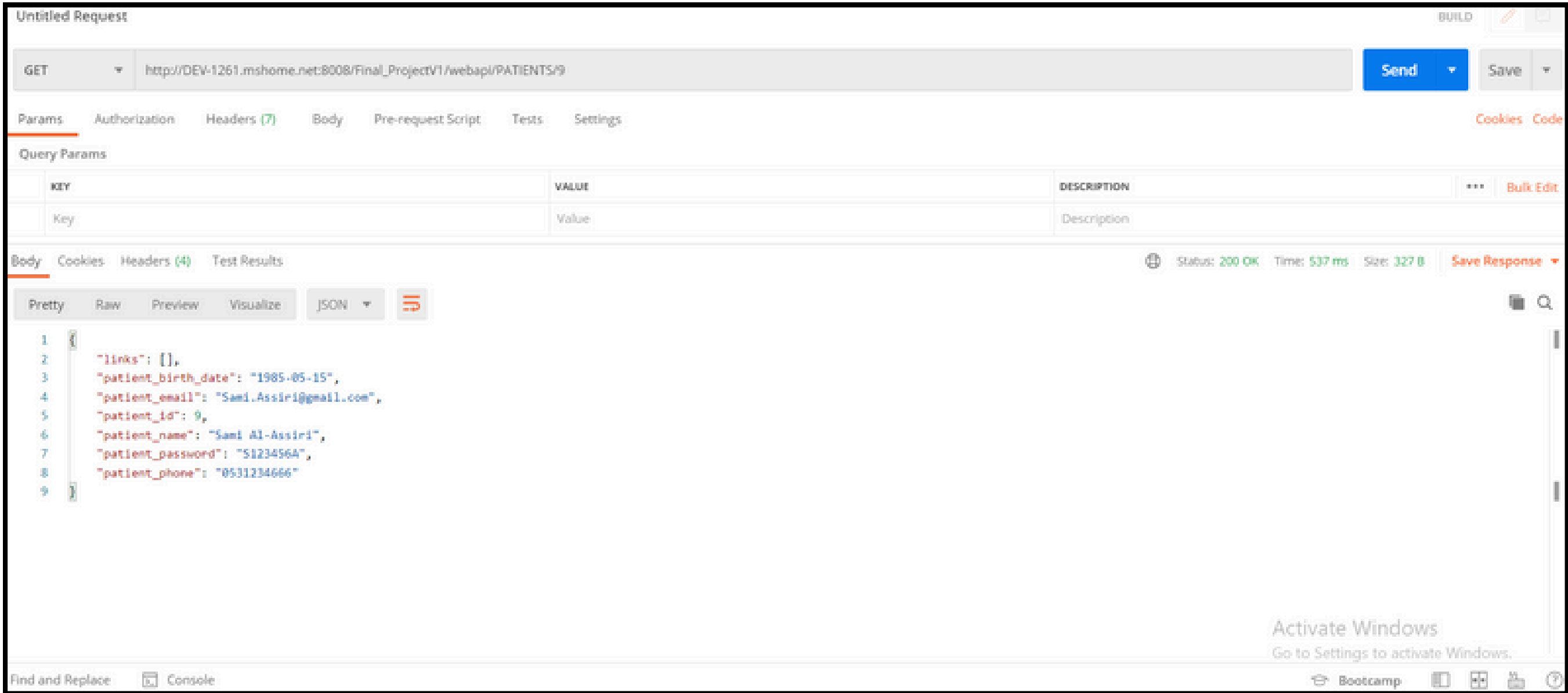

PUT Doctor:

MEDICAL CONSULTATION

Patient APIs

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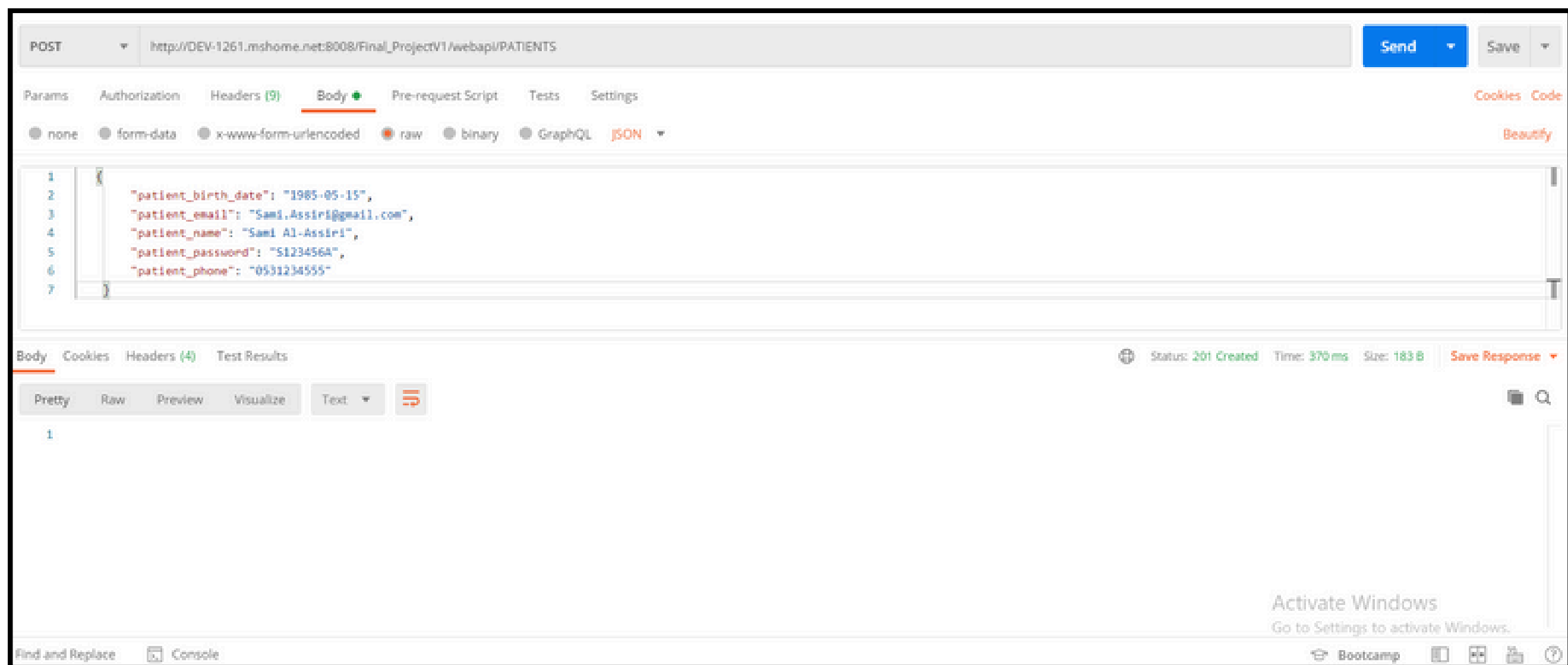- Request Medical History Report.
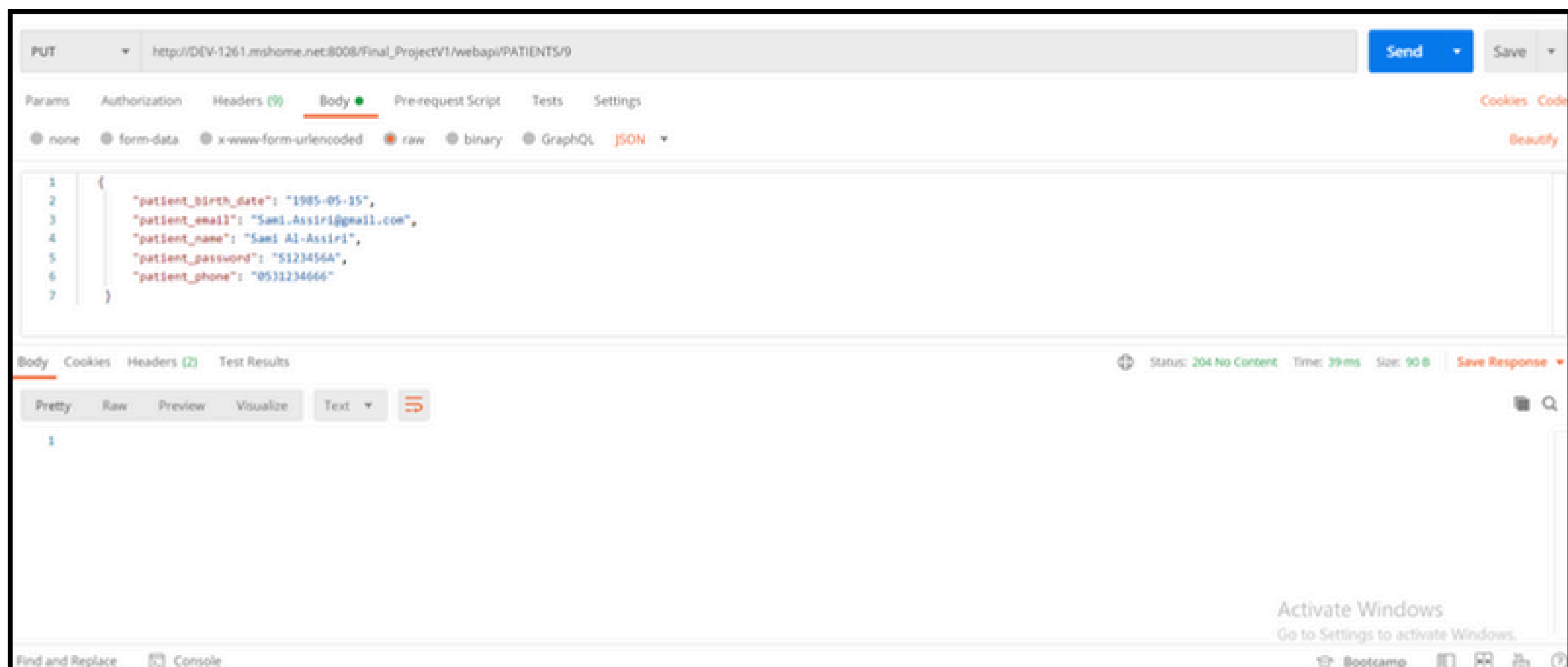- Rate Doctors.

Patient APIs

GET All Patient:

GET Patient By ID:

Patient APIs

POST Patient:

PUT Patient:

Consultation APIs

Consultation APIs
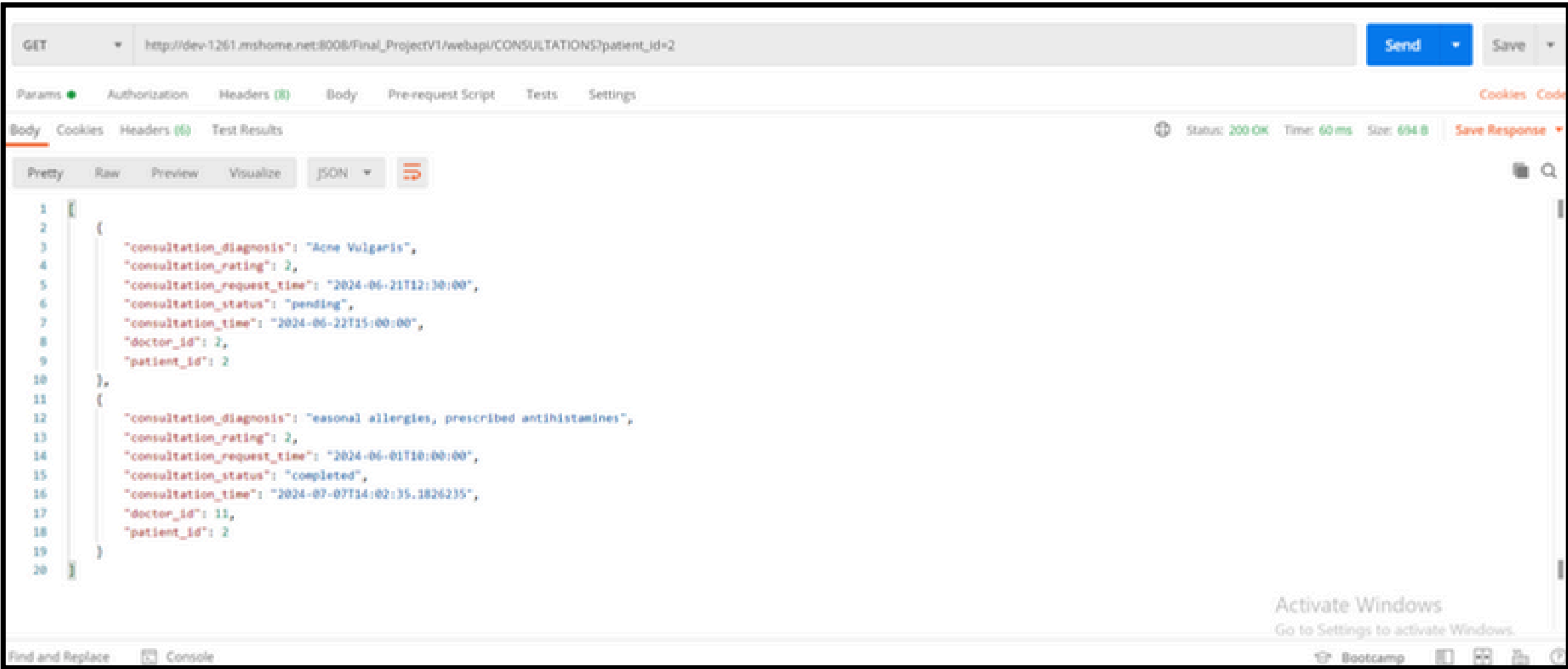
GET All Consultation :
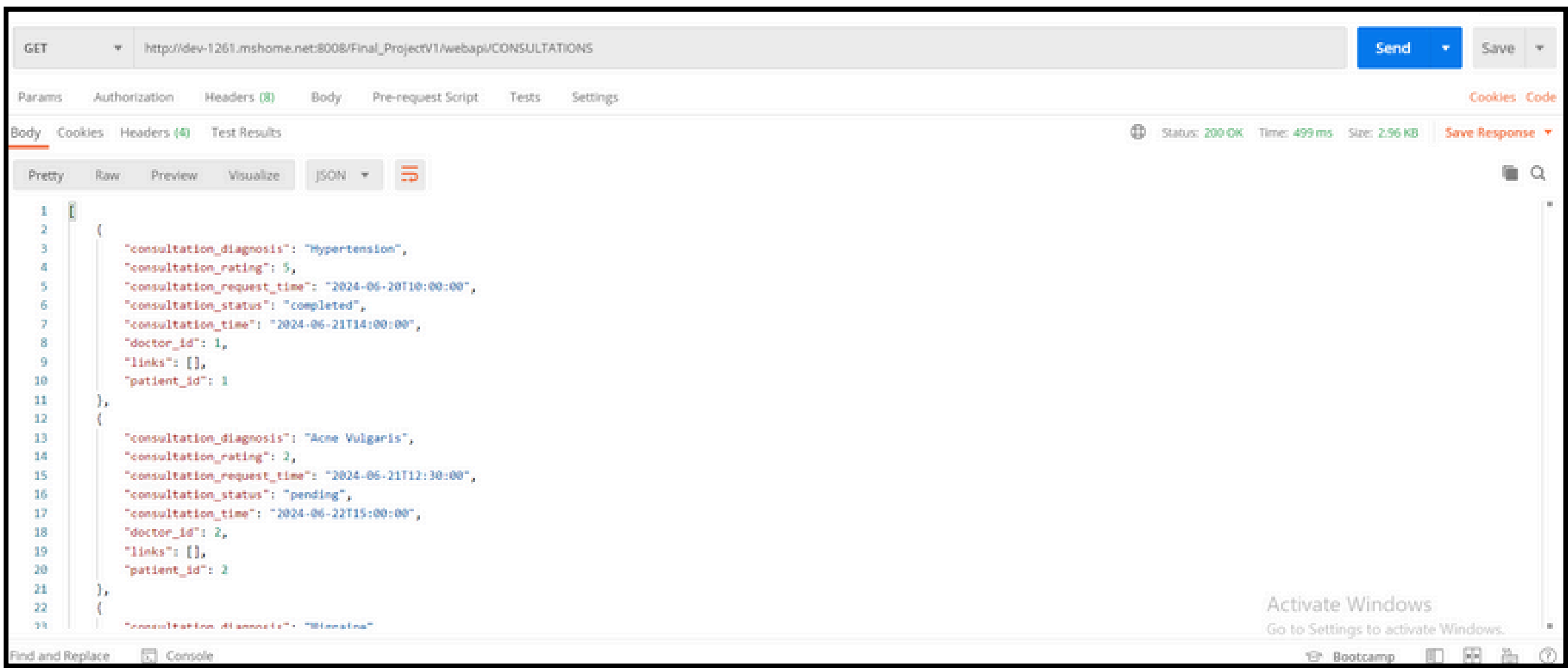
GET Consultation By ID:
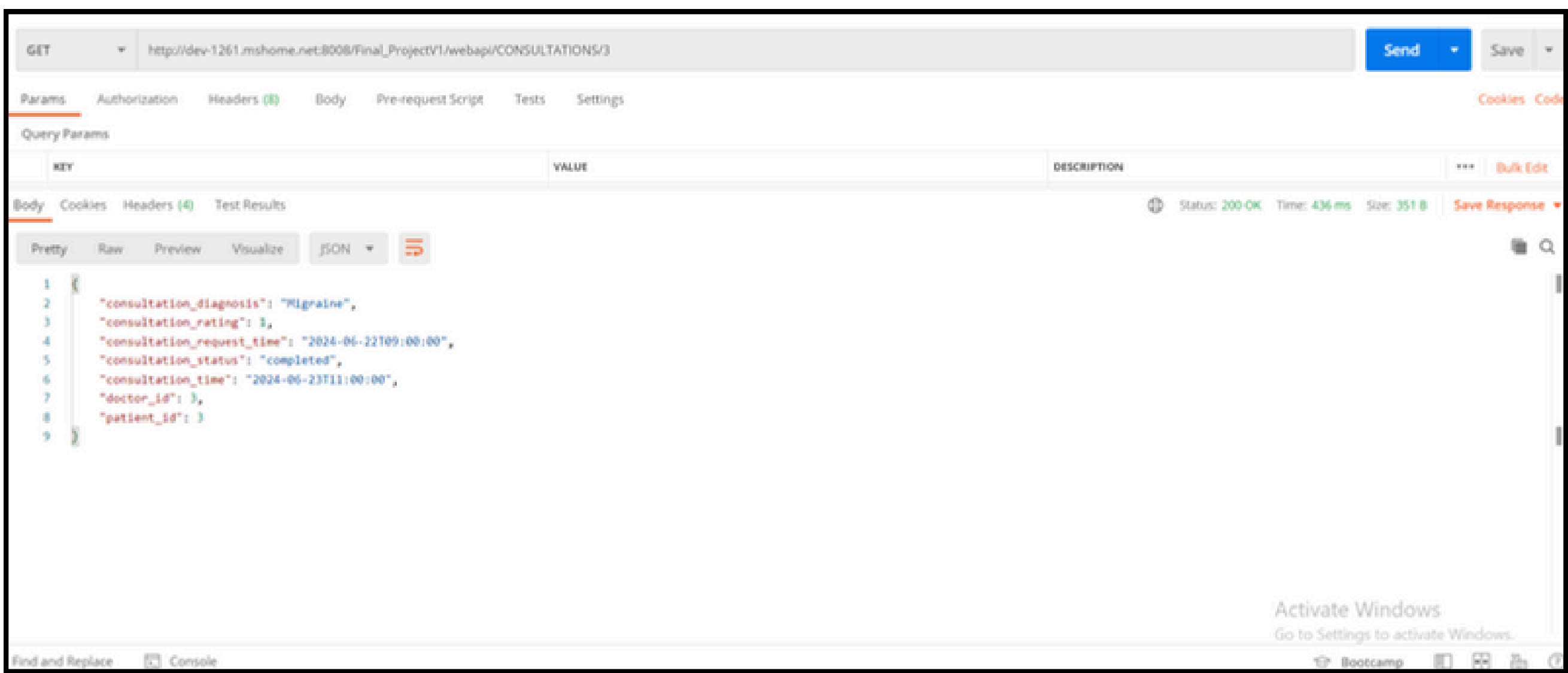
Consultation APIs

GET Consultation By Patient ID:

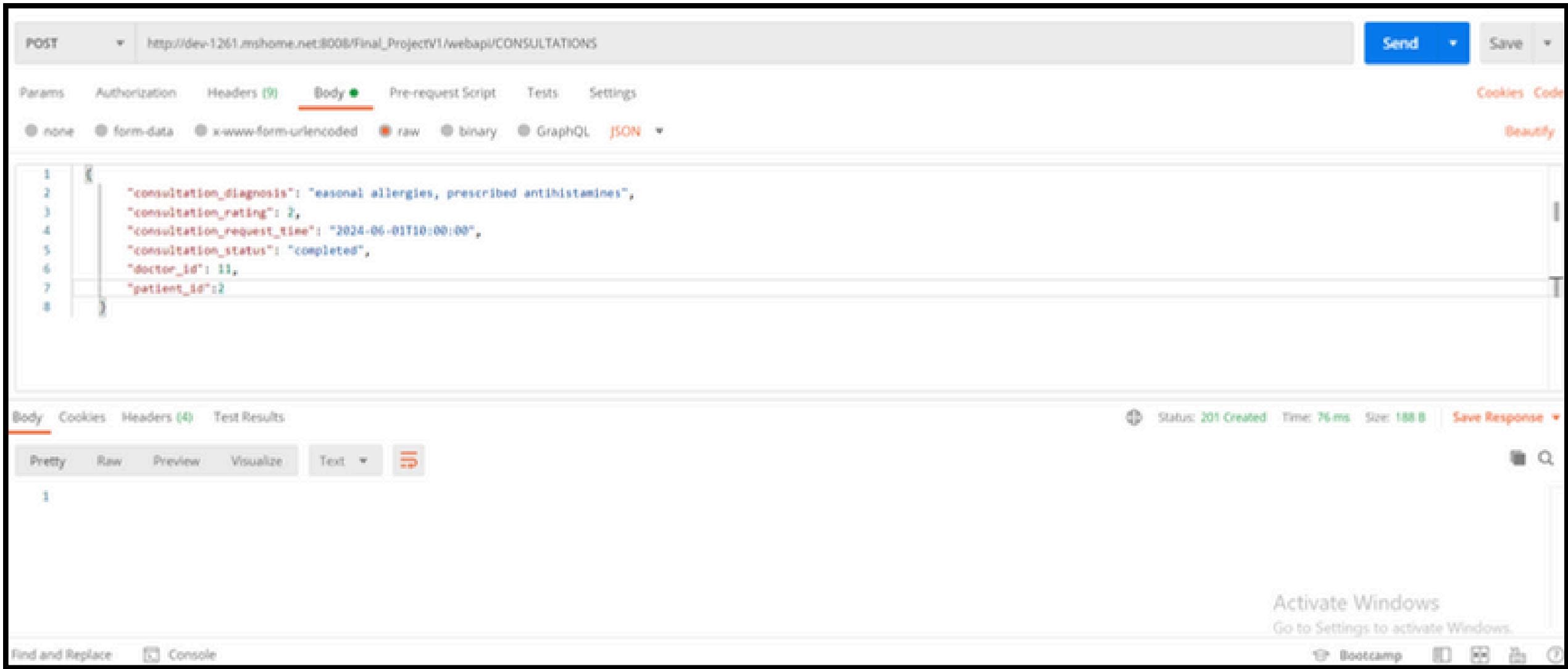## GET Consultation By Diagnosis:

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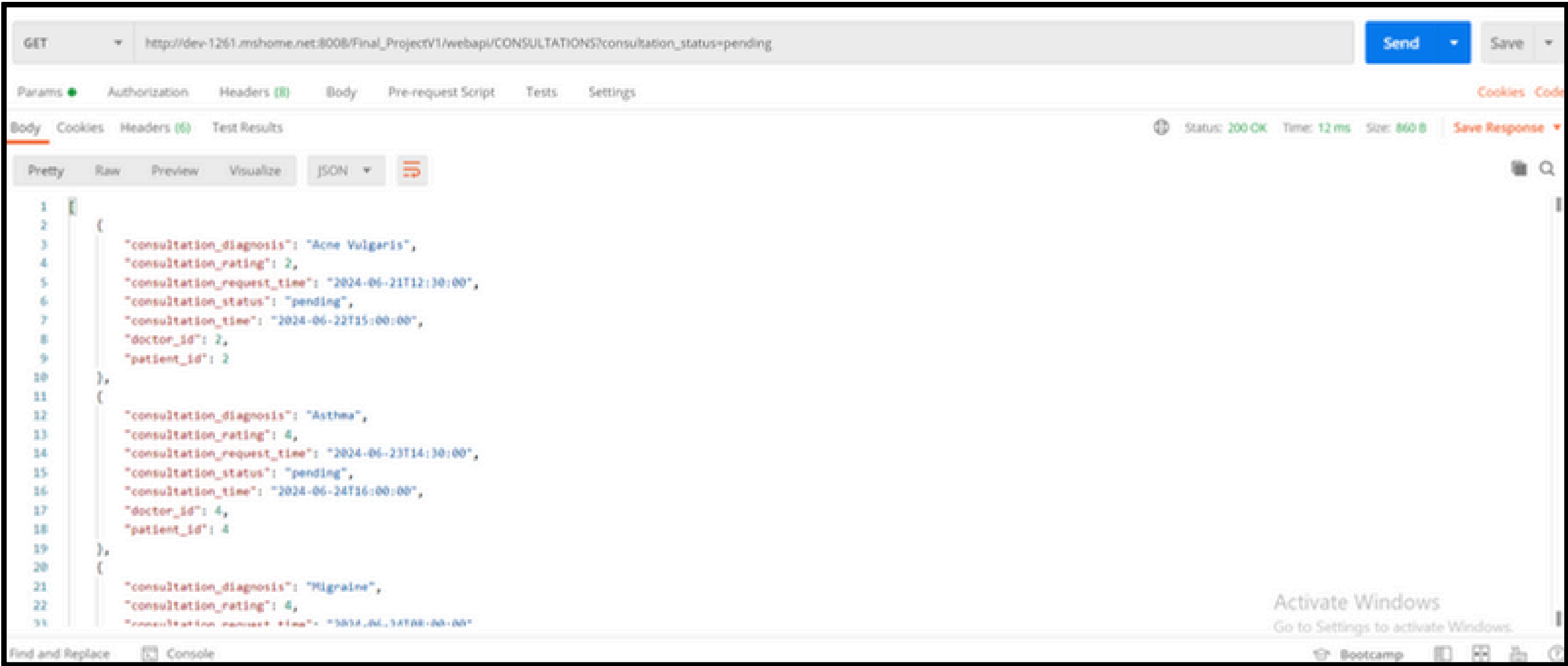
GET Consultation By Doctor ID & Status:
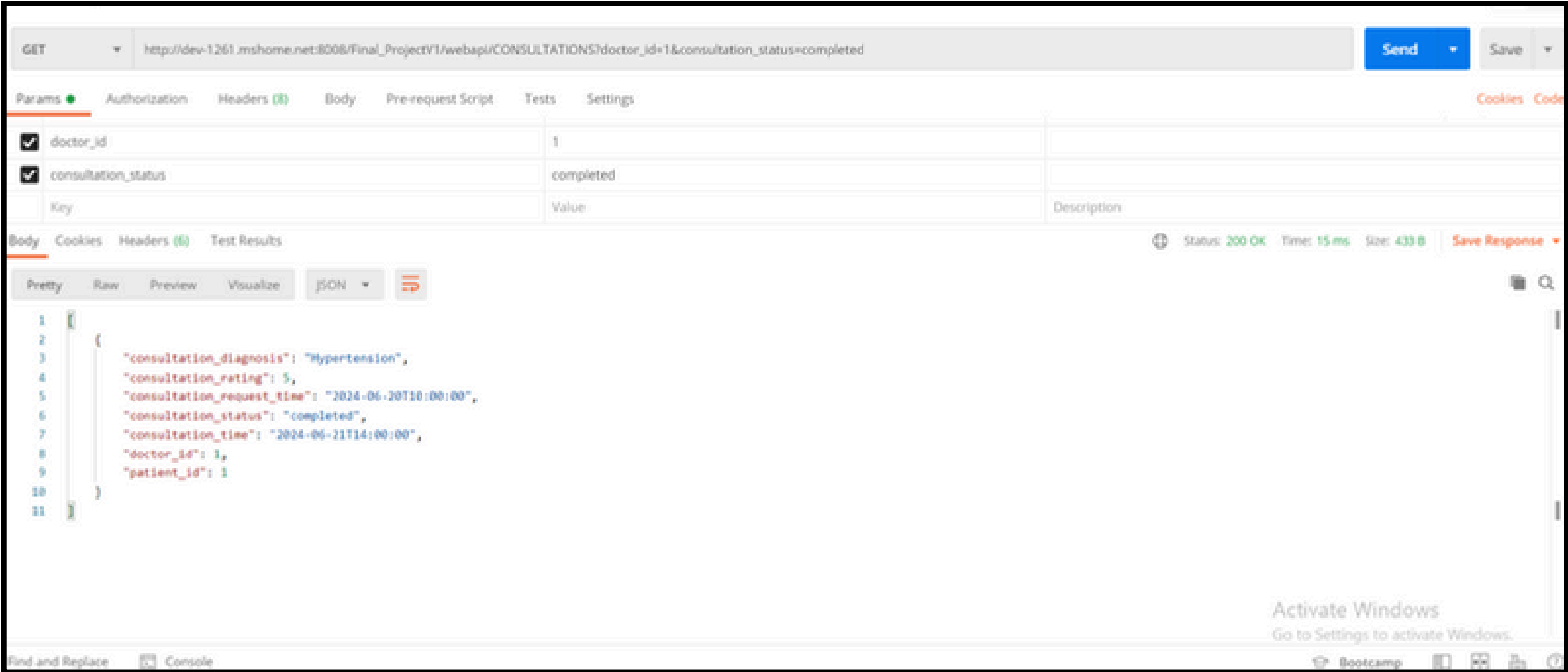
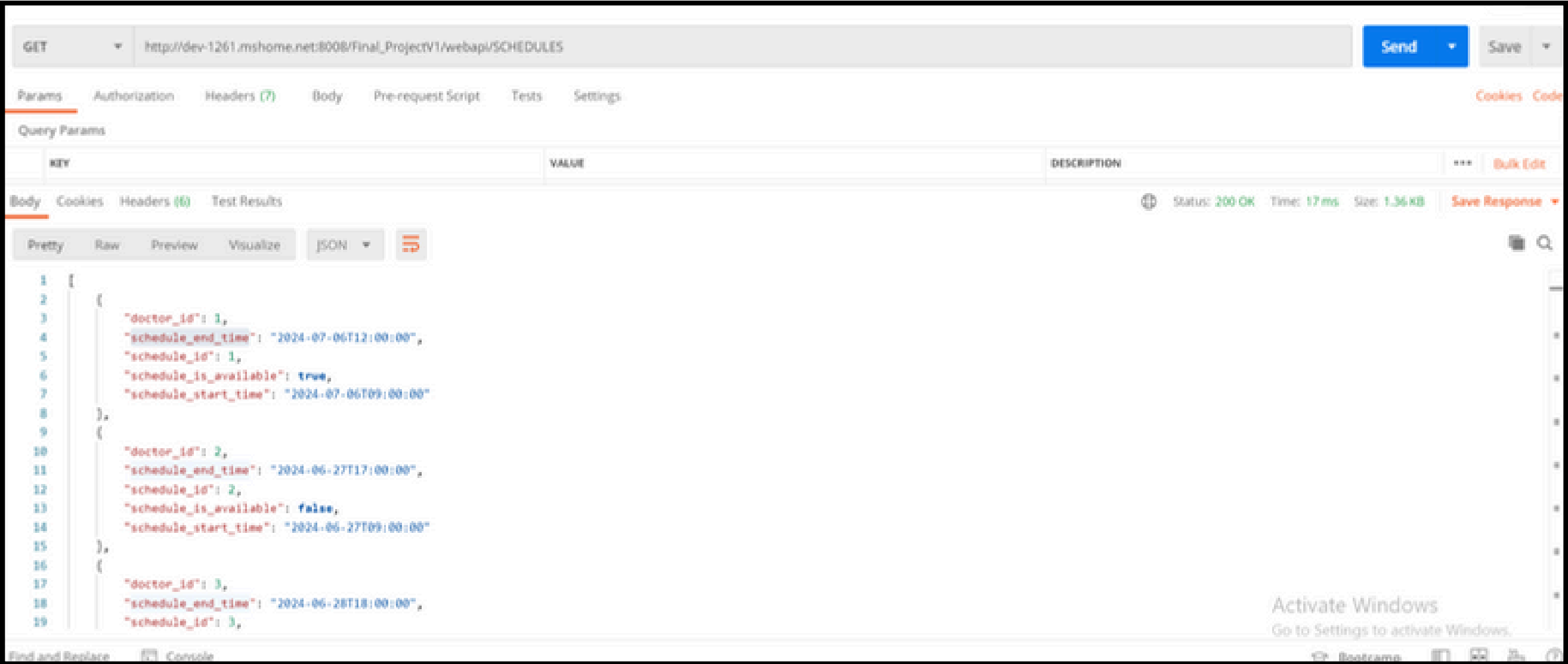# Consultation APIs

POST Consultation:
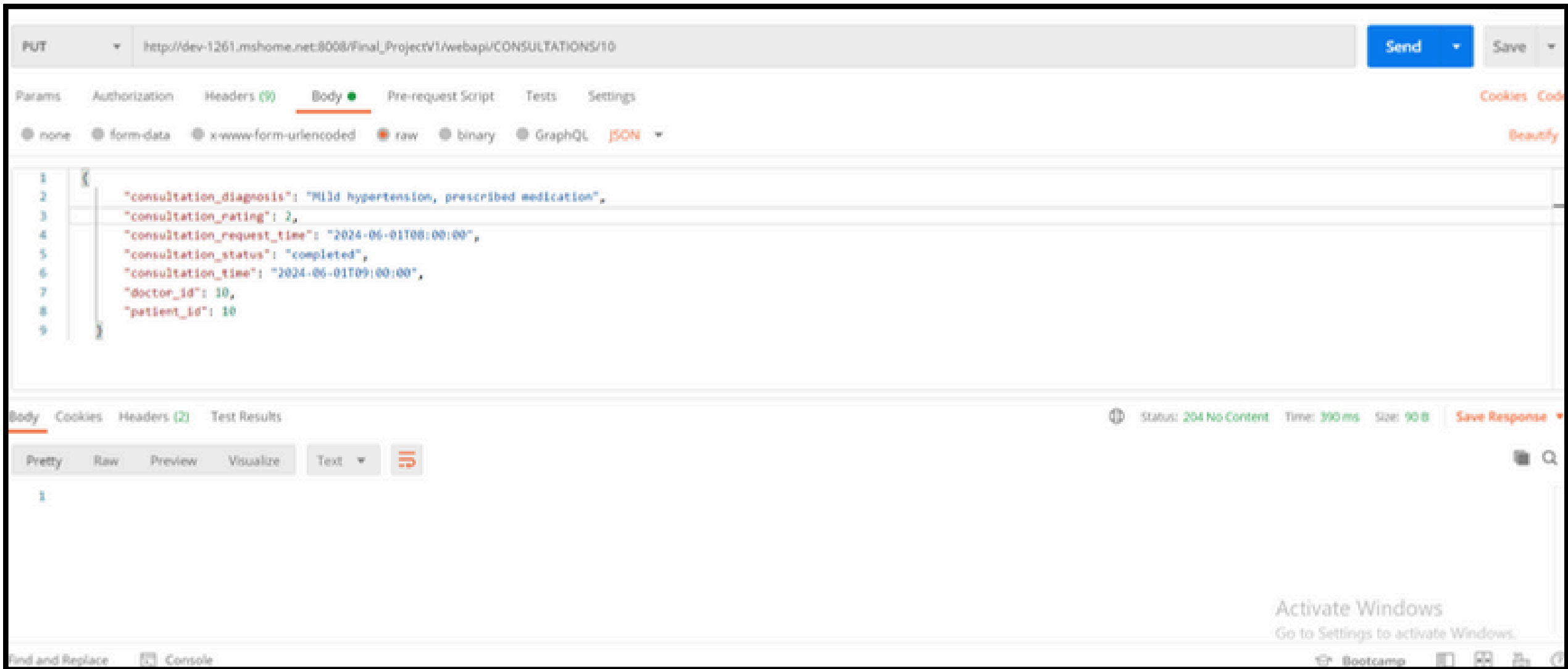
PUT Consultation:

Schedule APIs

Schedule APIs

GET Schedule:

GET Schedule By ID:

Schedule APIs

GET Schedule By Doctor ID:
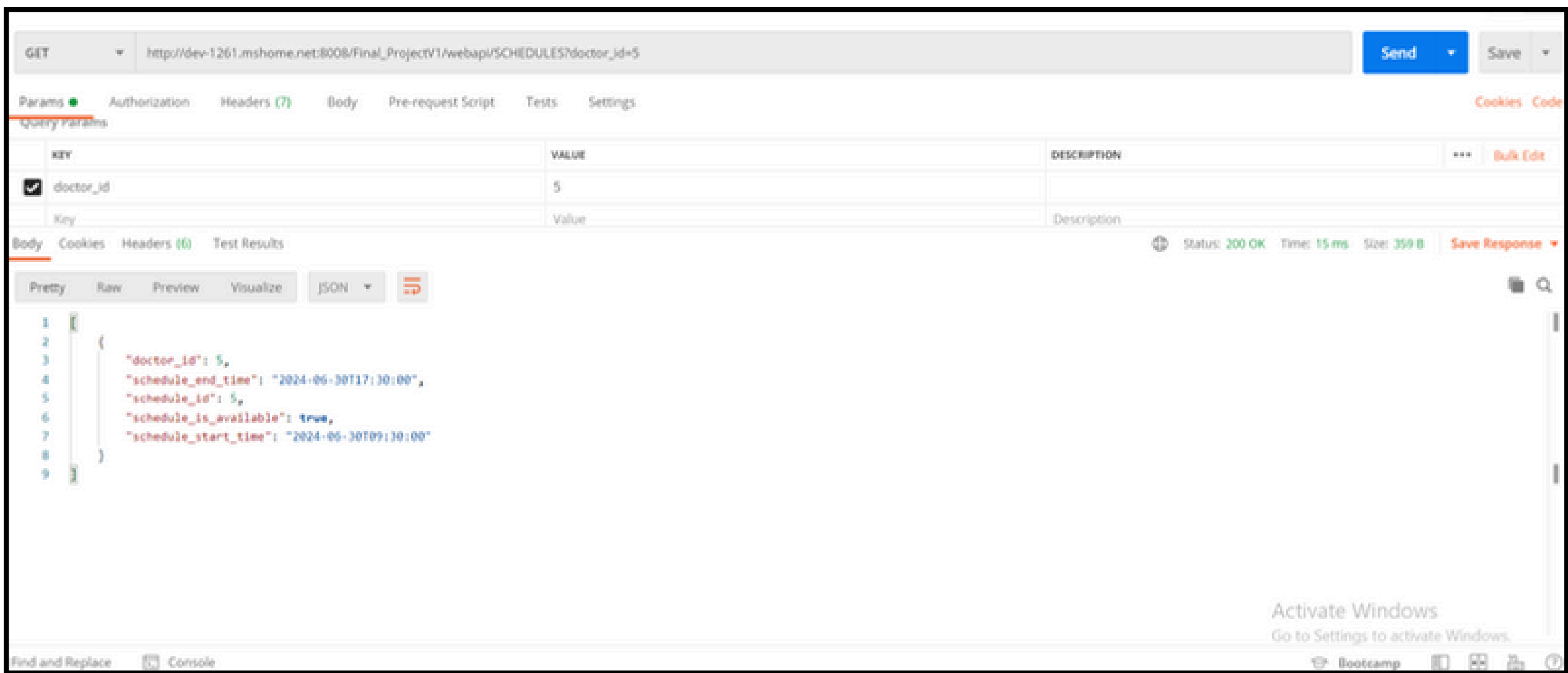
POST Schedule:
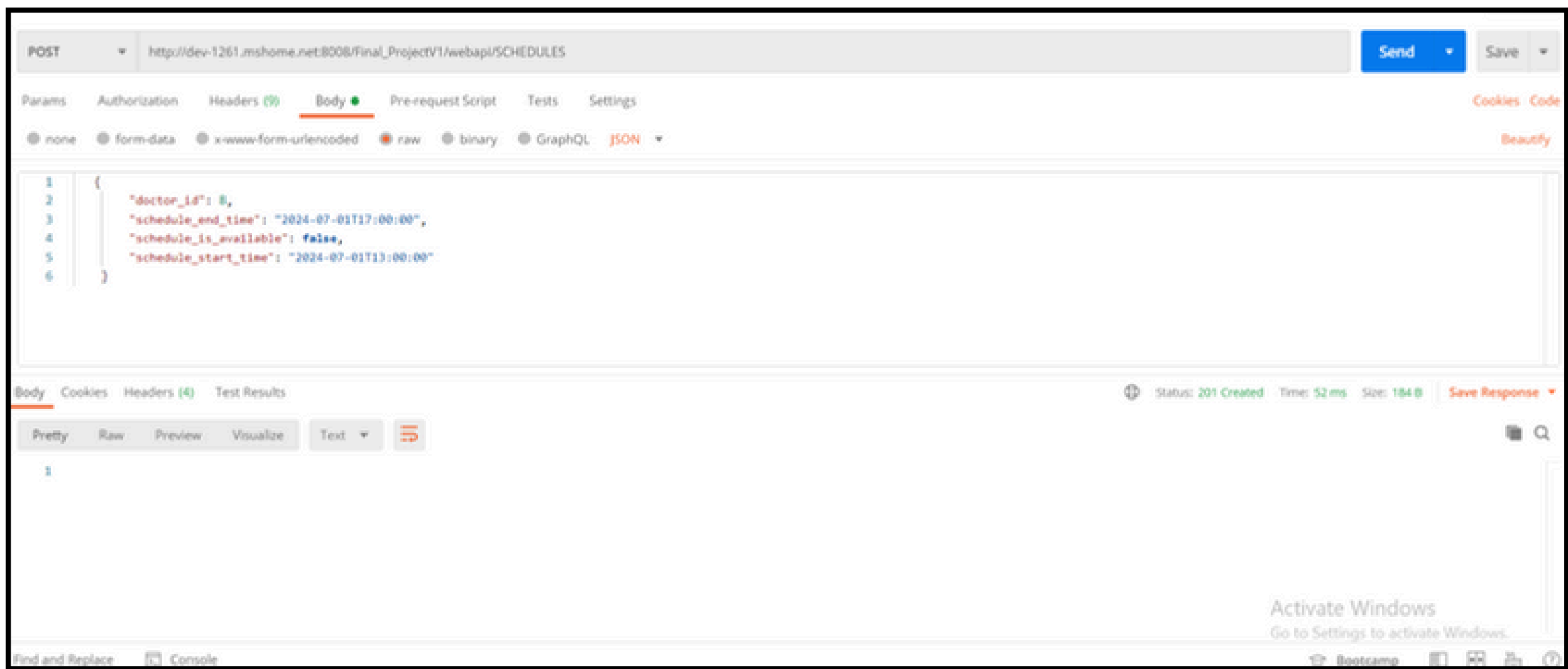
Schedule APIs

PUT Schedule :
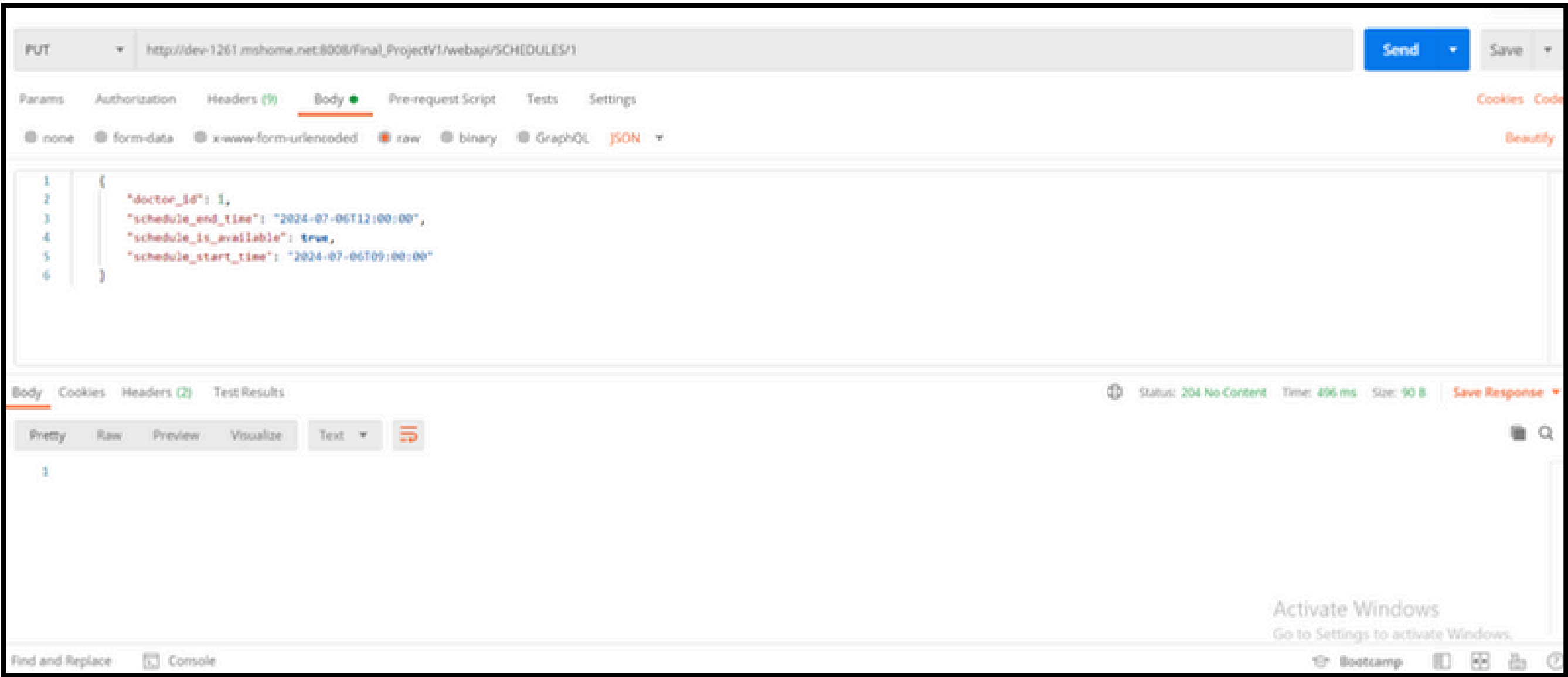
Medical Reports APIs

Medical Reports APIs

GET Medical Reports:
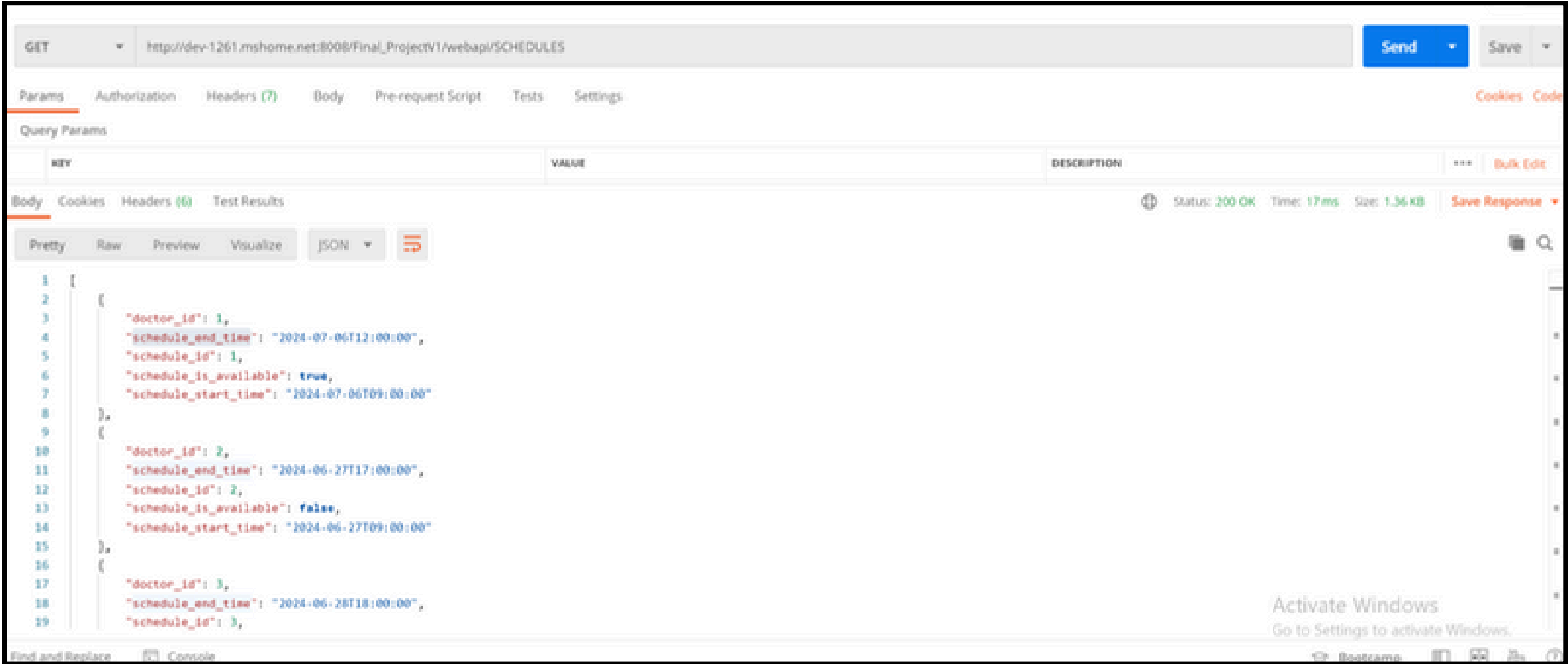
GET Medical Report By ID:

Medical Reports APIs
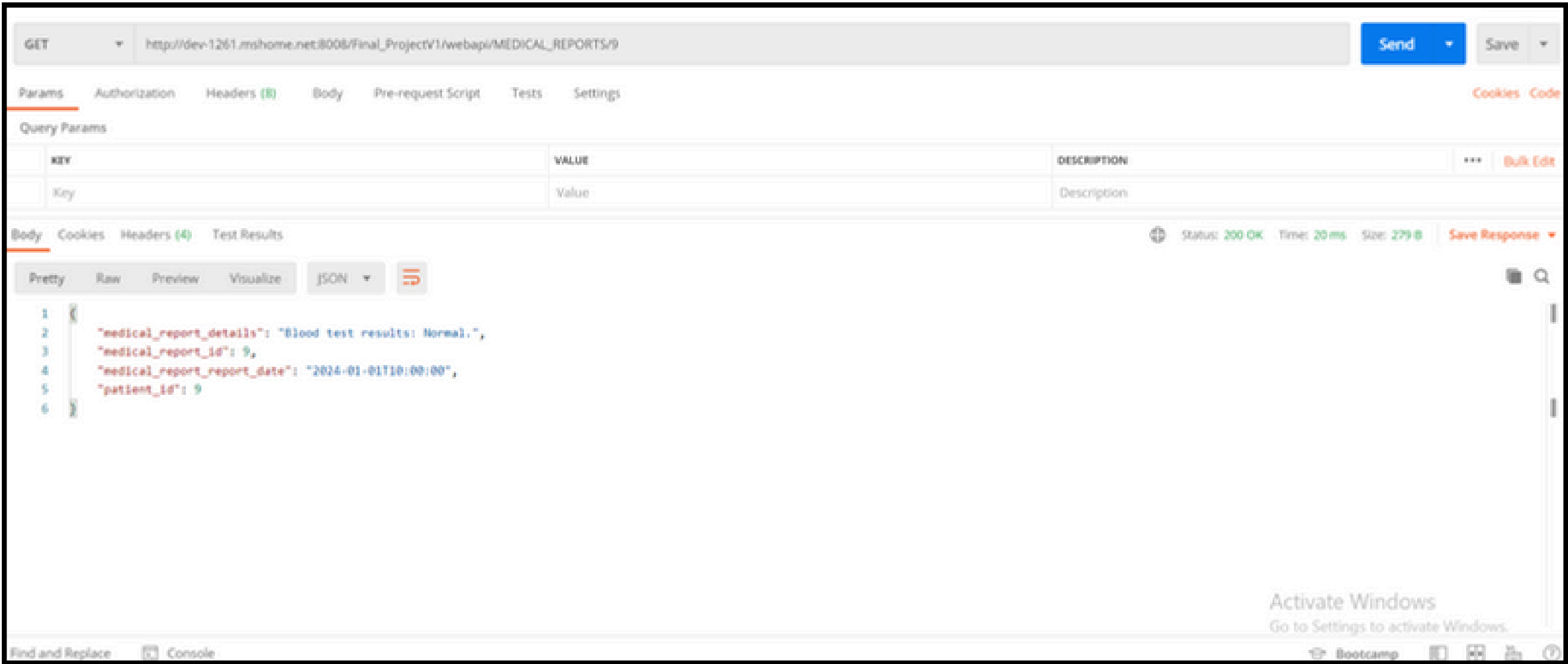
GET Medical Report By Patient ID:
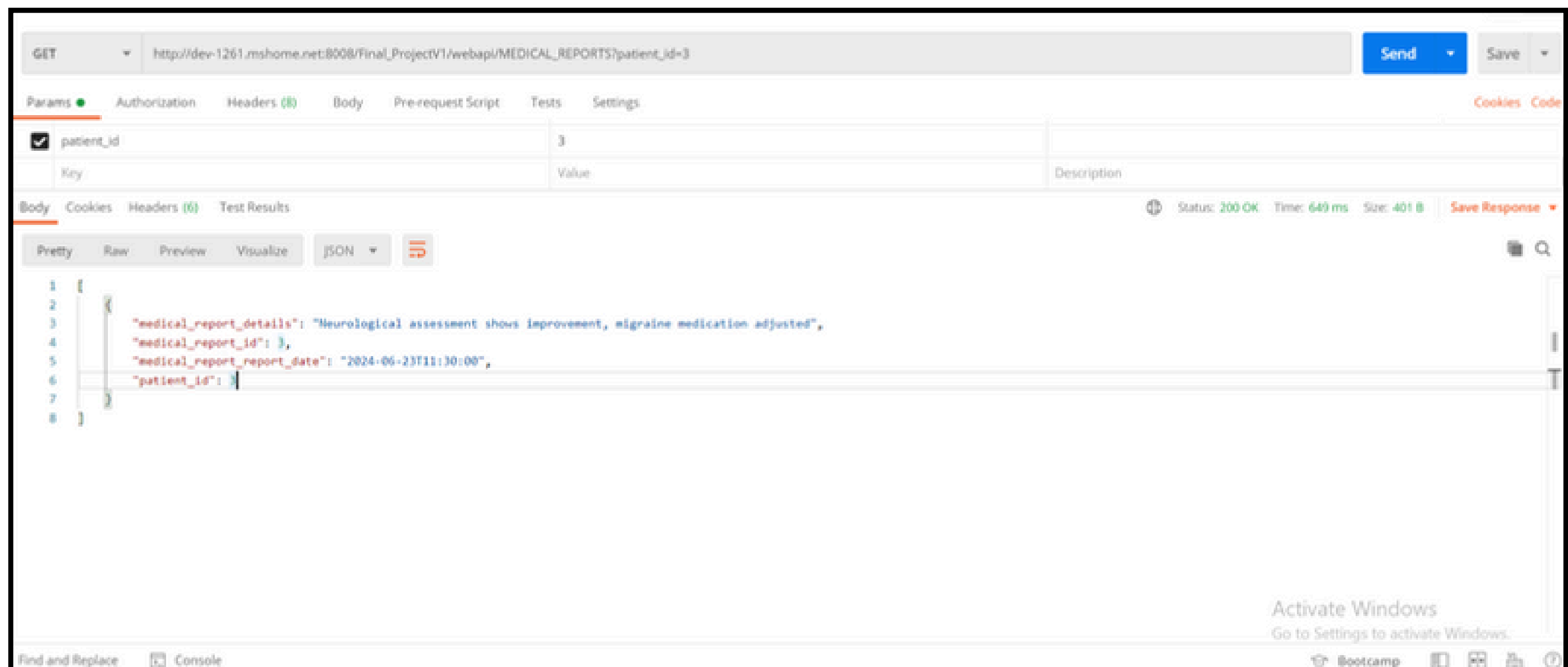
POST Medical Report:
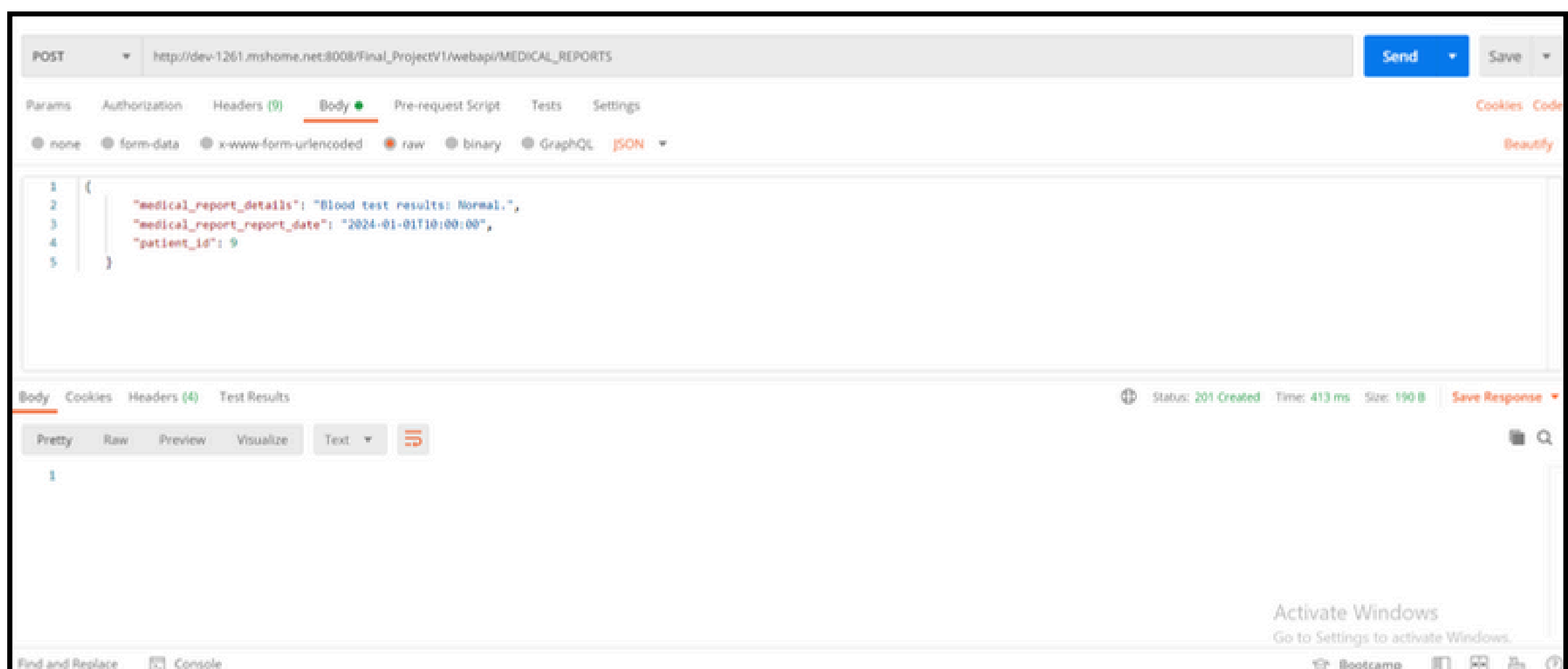
Medical Reports APIs

PUT Medical Report:

PUT   http://dev-1261.mshome.net:8008/Final_ProjectV1/webapi/MEDICAL_REPORTS/8

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

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

```
1  {
2      "medical_report_details": "lung function test indicates controlled asthma, continue current inhaler",
3      "medical_report_report_date": "2024-06-26T10:00:00",
4      "patient_id": 8
5  }
```

Body   Cookies   Headers (2)   Test Results   Status: 204 No Content   Time: 40 ms   Size: 90 B   Save Response ▾

Pretty   Raw   Preview   Visualize   Text ▾

1

Login APIs

Login APIs

Doctor Login:

Patient Login: