

# Appointment APIs

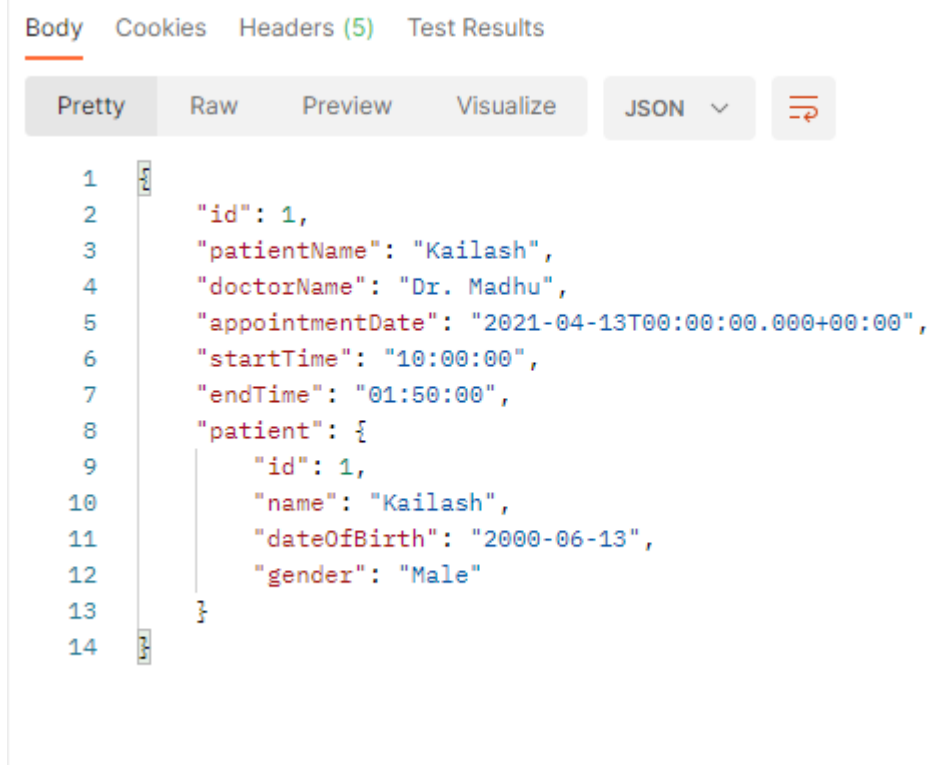
## 1: Create Appointment:

<http://localhost:8080/Appointment/createAppointment>

Input:

```
{
  "patientName": "Kailash",
  "doctorName": "Dr. Madhu",
  "appointmentDate": "2021-04-13",
  "startTime": "10:00",
  "endTime": "01:50",
  "patient": {
    "name": "Kailash",
    "dateOfBirth": "2000-06-13",
    "gender": "Male"
  }
}
```

Output:



The screenshot shows a web browser's developer console with the 'Body' tab selected. The console displays a JSON response from the API. The response is formatted in 'Pretty' mode and shows a successful creation of an appointment with an ID of 1. The patient information is nested within the appointment object.

```
Body  Cookies  Headers (5)  Test Results
Pretty  Raw  Preview  Visualize  JSON  ↗
1  {
2    "id": 1,
3    "patientName": "Kailash",
4    "doctorName": "Dr. Madhu",
5    "appointmentDate": "2021-04-13T00:00:00.000+00:00",
6    "startTime": "10:00:00",
7    "endTime": "01:50:00",
8    "patient": {
9      "id": 1,
10     "name": "Kailash",
11     "dateOfBirth": "2000-06-13",
12     "gender": "Male"
13   }
14 }
```

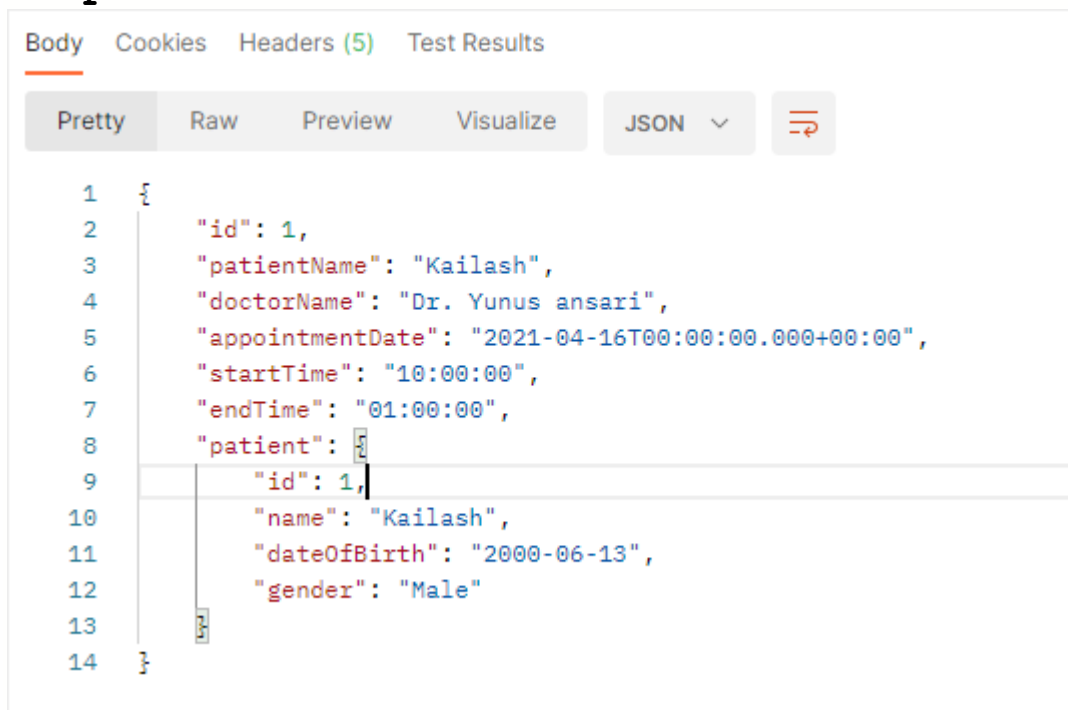
## 2: Update Appointment:

<http://localhost:8080/Appointment/updateAppointmentById/2>

### Input:

```
{
  "id":1,
  "patientName": "Kailash",
  "doctorName": "Dr. Yunus ansari",
  "appointmentDate": "2021-04-16",
  "startTime": "10:00",
  "endTime": "01:00"
}
```

### Output:



```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON ↗
1  {
2    "id": 1,
3    "patientName": "Kailash",
4    "doctorName": "Dr. Yunus ansari",
5    "appointmentDate": "2021-04-16T00:00:00.000+00:00",
6    "startTime": "10:00:00",
7    "endTime": "01:00:00",
8    "patient": {
9      "id": 1,
10     "name": "Kailash",
11     "dateOfBirth": "2000-06-13",
12     "gender": "Male"
13   }
14 }
```

## 3: Search Appointment using Id:

<http://localhost:8080/Appointment/getAppointmentById/1>

### Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON ↕
1 {
2   "id": 1,
3   "patientName": "Kailash",
4   "doctorName": "Dr. Yunus ansari",
5   "appointmentDate": "2021-04-16",
6   "startTime": "10:00:00",
7   "endTime": "01:00:00",
8   "patient": {
9     "id": 1,
10    "name": "Kailash",
11    "dateOfBirth": "2000-06-13",
12    "gender": "Male"
13  }
14 }
```

#### 4: Delete Appointment using Id:

<http://localhost:8080/Appointment/deleteAppointmentById/1>

Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON ↕
1 {
2   "deleted": true
3 }
```

#### 5: Get all the appointments from the database:

<http://localhost:8080/Appointment/getAllAppointments>

Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON ↕
1 [
2   {
3     "id": 2,
4     "patientName": "Ravi",
5     "doctorName": "Dr. Yunus Ansari",
6     "appointmentDate": "2021-04-14",
7     "startTime": "10:00:00",
8     "endTime": "01:50:00",
9     "patient": {
10      "id": 2,
11      "name": "Ravi",
12      "dateOfBirth": "1999-04-20",
13      "gender": "Male"
14    }
15  }
16 ]
```

## 6: Search appointment using patient name:

<http://localhost:8080/Appointment/searchAppointmentByName/Ravi>

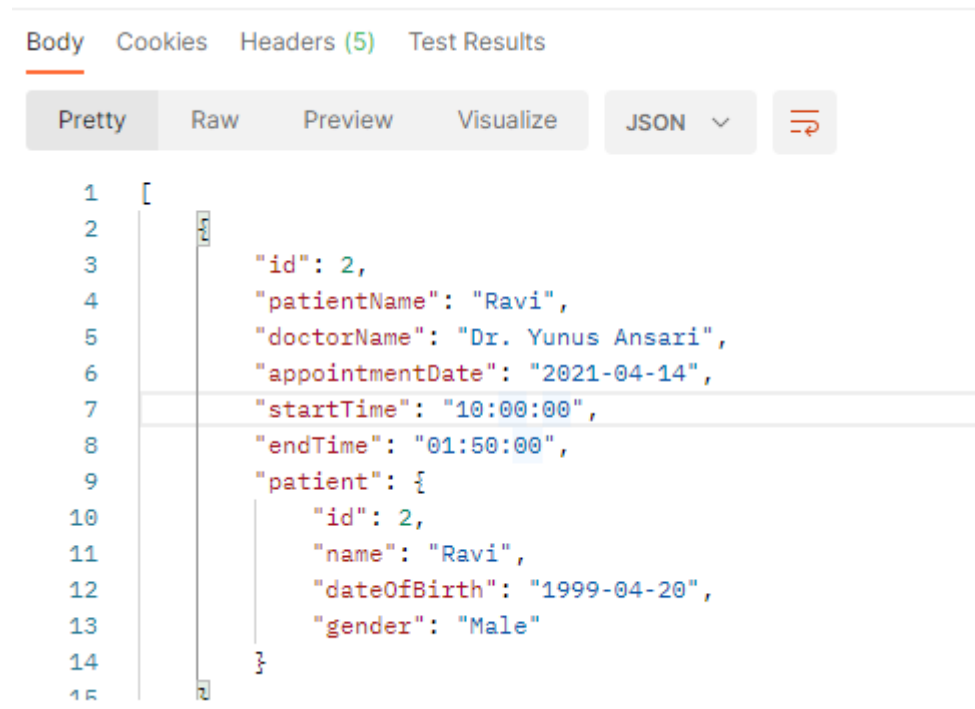
Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON ↕
1 [
2   {
3     "id": 2,
4     "patientName": "Ravi",
5     "doctorName": "Dr. Yunus Ansari",
6     "appointmentDate": "2021-04-14",
7     "startTime": "10:00:00",
8     "endTime": "01:50:00",
9     "patient": {
10      "id": 2,
11      "name": "Ravi",
12      "dateOfBirth": "1999-04-20",
13      "gender": "Male"
14    }
15  }
16 ]
```

## 7: Search appointment using doctor name:

<http://localhost:8080/Appointment/searchAppointmentByName/Dr.Yunus Ansari>

Output:



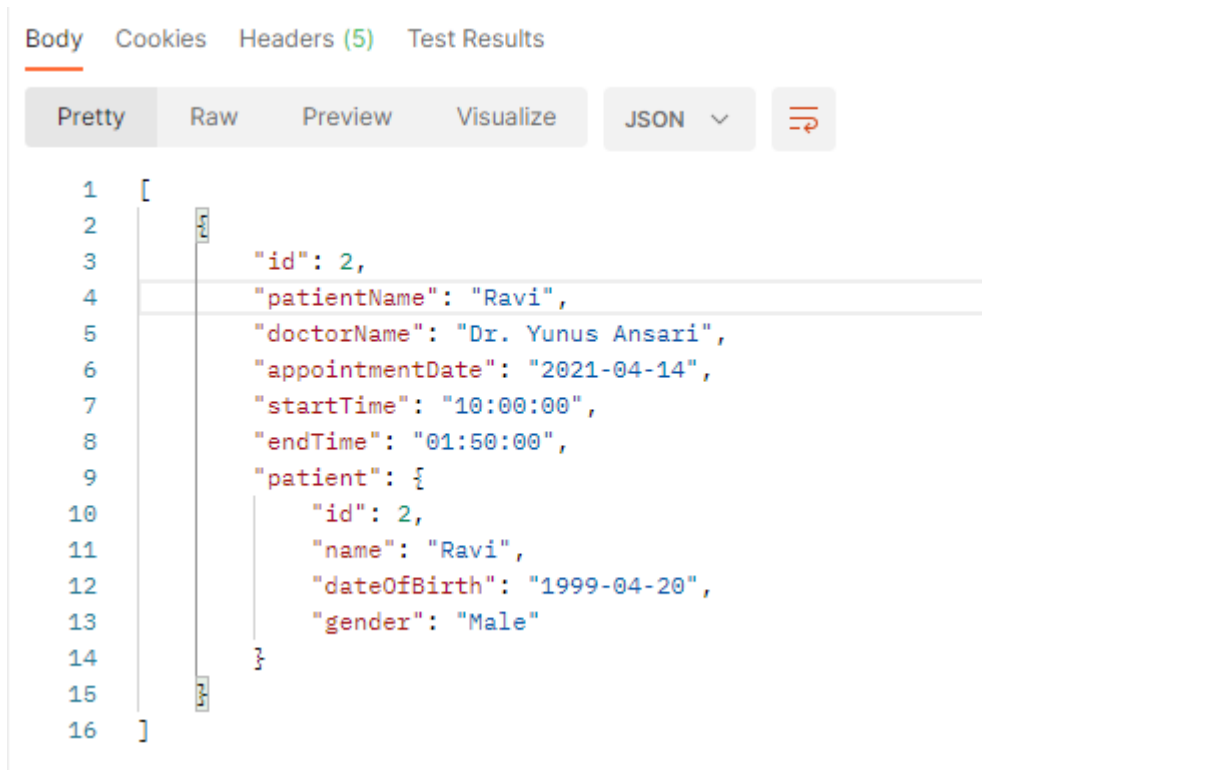
The screenshot shows the 'Body' tab of a web browser's developer tools. The response is a JSON array containing one object. The object has the following properties: 'id' (2), 'patientName' ('Ravi'), 'doctorName' ('Dr. Yunus Ansari'), 'appointmentDate' ('2021-04-14'), 'startTime' ('10:00:00'), 'endTime' ('01:50:00'), and 'patient' (an object with 'id' (2), 'name' ('Ravi'), 'dateOfBirth' ('1999-04-20'), and 'gender' ('Male')).

```
1  [
2    {
3      "id": 2,
4      "patientName": "Ravi",
5      "doctorName": "Dr. Yunus Ansari",
6      "appointmentDate": "2021-04-14",
7      "startTime": "10:00:00",
8      "endTime": "01:50:00",
9      "patient": {
10       "id": 2,
11       "name": "Ravi",
12       "dateOfBirth": "1999-04-20",
13       "gender": "Male"
14     }
15  }
```

## 8: Search all the appointments of a particular date:

<http://localhost:8080/Appointment/searchAppointmentByDate/2021-04-10>

Output:



# Patient APIs

## 1: Create patient:

<http://localhost:8080/patient/createPatient>

Input:

```
{
  "name": "Chandra",
  "dateOfBirth": "1999-04-20",
  "gender": "FeMale"
}
```

Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON
1 {
2   "id": 3,
3   "name": "Chandra",
4   "dateOfBirth": "1999-04-20",
5   "gender": "FeMale"
6 }
```

## 2: Search patient using Id

<http://localhost:8080/patient/getPatientById/3>

Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON
1 {
2   "id": 3,
3   "name": "Chandra",
4   "dateOfBirth": "1999-04-20",
5   "gender": "FeMale"
6 }
```

## 3: Update Patient using Id

<http://localhost:8080/patient/updatePatientById/3>

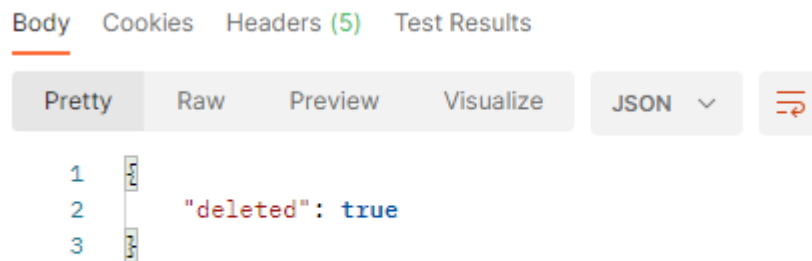
Output:

```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON
1 {
2   "id": 3,
3   "name": "Naman",
4   "dateOfBirth": "2000-05-21",
5   "gender": "Male"
6 }
```

#### 4: Delete patient using Id

<http://localhost:8080/patient/deletePatientById/3>

Output:



```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON
1 [
2   "deleted": true
3 ]
```

#### 5: Get all patients available in the database

<http://localhost:8080/patient/getPatients>

Output:



```
Body Cookies Headers (5) Test Results
Pretty Raw Preview Visualize JSON
1 [
2   {
3     "id": 2,
4     "name": "Ravi",
5     "dateOfBirth": "1999-04-20",
6     "gender": "Male"
7   }
8 ]
```

#### 6: Search patient using name

<http://localhost:8080/patient/searchPatient/Ravi>

Output:



Body Cookies Headers (5) Test Results

Pretty

Raw

Preview

Visualize

JSON



```
1  []
2  {
3      "id": 2,
4      "name": "Ravi",
5      "dateOfBirth": "1999-04-20",
6      "gender": "Male"
7  }
8  ]
```