

Q1. > Retrieve Specialist Details

a) Xml Response

<http://localhost:8080/getspecialistxml/fetchAllDetails>

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/getspecialistxml/fetchAllDetails`. The response is an XML document with a status of 200 OK, a time of 1157 ms, and a size of 576 B. The XML content is as follows:

```
<?xml version='1.0'>
<specialists>
  <item>
    <type>Dentist</type>
    <name>Sandhya</name>
    <availableDay>Monday,Wednesday</availableDay>
    <availableTime>5to6</availableTime>
    <isAvailable>true</isAvailable>
    <hospitalId>946</hospitalId>
  </item>
  <item>
    <type>Dentist</type>
    <name>Saranya</name>
    <availableDay>Monday,Thursday</availableDay>
    <availableTime>6to8</availableTime>
    <isAvailable>false</isAvailable>
  </item>
</specialists>
```

b) JSON Response

<http://localhost:8080/getspecialistjson/fetchAllDetails>

The screenshot shows the Postman interface with a GET request to `http://localhost:8080/getspecialistjson/fetchAllDetails`. The response is a JSON array with a status of 200 OK, a time of 34 ms, and a size of 425 B. The JSON content is as follows:

```
[
  {
    "type": "Dentist ",
    "name": "Sandhya",
    "availableDay": "Monday,Wednesday",
    "availableTime": "5to6",
    "isAvailable": true,
    "hospitalId": 946
  },
  {
    "type": "Dentist ",
    "name": "Saranya",
    "availableDay": "Monday,Thursday",
    "availableTime": "6to8",
    "isAvailable": false
  }
]
```

2. > Return new appointment

<http://localhost:8080/bookappointmenttjson/Edward/Monday/Suganthi>

The screenshot shows the Postman application interface. The left sidebar displays a collection named 'spring-boot-hospital-front-desk' with 6 requests. The 'api.getappointment' request is selected. The main panel shows the request details for the GET method to the URL 'http://localhost:8080/bookappointmenttjson/Edward/Monday/Suganthi'. The response is displayed in the 'Body' tab, showing a JSON object with appointment details. The status is 200 OK, and the response size is 267 B.

KEY	VALUE	DESCRIPTION
Key	Value	Description

```
1 {
2   "specialistName": "Edward",
3   "patientName": "Suganthi",
4   "appointmentDay": "Monday",
5   "appointmentTime": "8to8"
6 }
```

Status: 200 OK Time: 254 ms Size: 267 B Save Response

Exception:

The screenshot shows the Postman application interface. The left sidebar displays a collection named 'spring-boot-hospital-front-desk' with 8 requests. The 'Test-Exception' request is selected. The main panel shows the request details for the GET method to the URL 'http://localhost:8080/bookappointmenttjson/Edward/Monday/abcname'. The response is displayed in the 'Body' tab, showing a JSON object with an error message. The status is 404 Not Found, and the response size is 206 B.

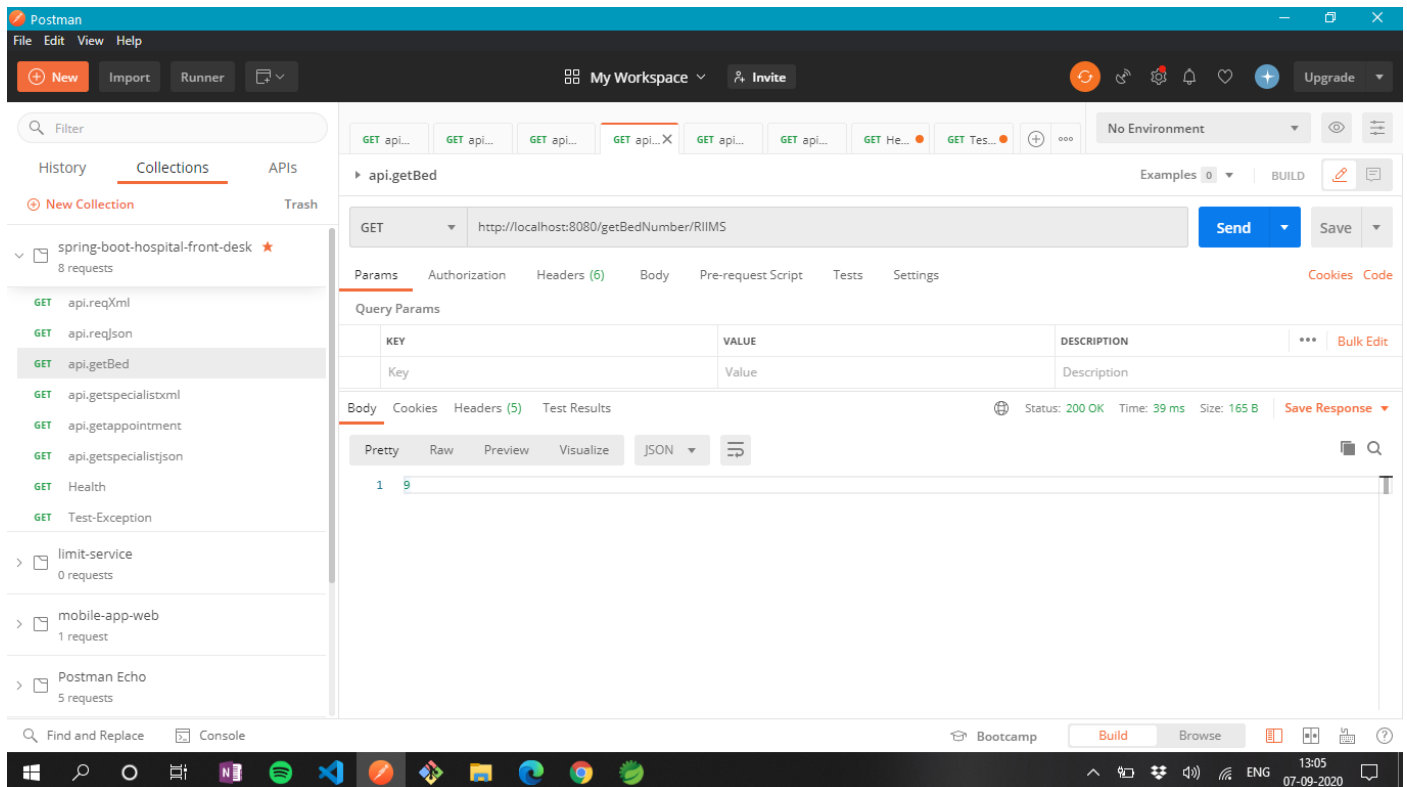
KEY	VALUE	DESCRIPTION
Key	Value	Description

```
1 {
2   "errorMessage": "No Details Found"
3 }
```

Status: 404 Not Found Time: 19 ms Size: 206 B Save Response

3.> No of beds available

<http://localhost:8080/getBedNumber/RIIMS>



4.> REST Client

<http://localhost:8080/restXml>

<http://localhost:8080/restJson>

Postman interface showing a REST client request configuration for `api.reqXml`.

Request Details:

- Method: GET
- URL: `http://localhost:8080/restXml`
- Status: 200 OK
- Time: 2.46 s
- Size: 562 B

Response Body (XML):

```

1 <?xml version="1.0"?>
2 <List>
3   <item>
4     <type>Dentist </type>
5     <name>Sandhya</name>
6     <availableDay>Monday,Wednesday</availableDay>
7     <availableTime>5to6</availableTime>
8     <isAvailable>true</isAvailable>
9     <hospitalId>946</hospitalId>
10  </item>
11  <item>
12    <type>Dentist </type>
13    <name>Saranya</name>
    <availableDay>Monday,Thursday</availableDay>
  </item>
</List>

```

Postman interface showing a REST client request configuration for `api.reqjson`.

Request Details:

- Method: GET
- URL: `http://localhost:8080/restjson`
- Status: 200 OK
- Time: 113 ms
- Size: 425 B

Response Body (JSON):

```

1 {
2   "type": "Dentist ",
3   "name": "Sandhya",
4   "availableDay": "Monday,Wednesday",
5   "availableTime": "5to6",
6   "isAvailable": true,
7   "hospitalId": 946
8 },
9 {
10  "type": "Dentist ",
11  "name": "Saranya",
12  "availableDay": "Monday,Thursday"
13 }

```

5> REST Actuator Endpoint

<http://localhost:8080/actuator/health>

Postman interface showing a GET request to `http://localhost:8080/actuator/health`. The response status is 200 OK, Time: 228 ms, Size: 207 B. The response body is `"status": "UP"`.

Left sidebar shows collections: `spring-boot-hospital-front-desk` (7 requests), `limit-service` (0 requests), `mobile-app-web` (1 request), `Postman Echo` (5 requests), and `RestfulWebServices`.

Bottom status bar shows Windows taskbar with various applications and system clock: 12:59, 07-09-2020.

Postman interface showing a GET request to `http://localhost:8080/actuator/beans`. The response status is 200 OK, Time: 86 ms, Size: 83.23 KB. The response body is a JSON object:

```
1 {
2   "contexts": {
3     "application": {
4       "beans": {
5         "hospitalDetailsService": {
6           "aliases": [],
7           "scope": "singleton",
8           "type": "com.java.assessment.service.HospitalDetailsService$$EnhancerBySpringCGLIB$$d7b184b2",
9           "resource": "file [C:\\Users\\Saket Sourav\\Documents\\Spring-Concepts\\spring-boot-hospital-front-desk\\target\\classes\\com\\",
10          "dependencies": []
11        },
12        "endpointCachingOperationInvokerAdvisor": {
13          "aliases": []
14        }
15      }
16     }
17   }
```

Left sidebar shows collections: `spring-boot-hospital-front-desk` (7 requests), `limit-service` (0 requests), `mobile-app-web` (1 request), `Postman Echo` (5 requests), and `RestfulWebServices`.

Bottom status bar shows Windows taskbar with various applications and system clock: 13:00, 07-09-2020.