

Sample Test case and Procedure to run Application.

Doctor Service

- 1) Authentication details - select POST request and enter following details in the request body
<https://localhost:9009/login>

```
{  
  "username": "user1",  
  "password": "password1"  
}
```

OR

```
{  
  "username": "user2",  
  "password": "passowrd2"  
}
```

EXPECTED RESPONSE: Status message as **200OK**

- 2) Doctor Details – URL to post the details of doctor in the request body :

POST - - <https://localhost:9009/postavailability>

i)

```
{  
  "doctorid": "1",  
  "fullname": "John Snow",  
  "availability": [  
    {  
      "from": "2012-12-01T08:00:00:000Z",  
      "to": "2012-12-01T10:00:00:000Z"  
    },  
    {  
      "from": "2012-12-01T13:00:00:000Z",  
      "to": "2012-12-01T16:00:00:000Z"  
    }  
  ]  
}
```

EXPECTED RESPONSE: SUCCESS

ii)

```
{
  "doctorid": "2",
  "fullname": "Mike Buffay",
  "availability": [
    {
      "from": "2012-12-01T09:00:00:000Z",
      "to": "2012-12-01T11:00:00:000Z"
    },
    {
      "from": "2012-12-01T12:00:00:000Z",
      "to": "2012-12-01T16:00:00:000Z"
    }
  ]
}
```

EXPECTED RESPONSE: SUCCESS

iii)

```
{
  "doctorId": "3",
  "fullname": "Mark Ruffalo",
  "availability": [
    {
      "from": "2012-12-01T10:00:00:000Z",
      "to": "2012-12-01T12:00:00:000Z"
    },
    {
      "from": "2012-12-01T14:00:00:000Z",
      "to": "2012-12-01T18:00:00:000Z"
    }
  ]
}
```

```
}
```

EXPECTED RESPONSE: SUCCESS

- 3) Now to check the details of doctor, please redirect to URL **GET** – <https://localhost:9009/getall>

EXPECTED RESPONSE: All the above posted doctor details should be retrieved as response

Appointment Service

- 4) Now please redirect to URL **POST** -- <https://localhost:9009/getsuitableappointment> and enter the following details in the request body

```
{
  "appointmentid": "1",
  "from": "2012-12-01T11:00:00:000Z ",
  "to": "2012-12-01T13:00:00:000Z "
}
```

EXPECTED RESPONSE: Doctors available for the above entered time slots

```
[
  {
    "doctorid": "2",
    "fullname": "Mike Buffay",
  },
  {
    "doctorid": "3",
    "fullname": "Mark Ruffalo",
  },
]
```

SUMMARY:

URL used in the application :

- To login please select POST request and enter following details in the request body
POST -- <https://localhost:9009/login>

```
{  
  "username": "user1",  
  "password": "password1"  
}
```

OR

```
{  
  "username": "user2",  
  "password": "password2"  
}
```

- To post the details of doctor in request body please select POST request and enter
POST-- <https://localhost:9009/postavailability>

NOTE: To post the doctor details user must first login with the above details in **login URL** and upon successful login user can post doctor details, otherwise status will be **404 Unauthorized**

- To retrieve details of doctor please select GET request and enter
GET -- <https://localhost:9009/getall>
- To enter appointment details please select POST request and enter
POST -- <https://localhost:9009/getsuitableappointment>