# Information Management Controller

## User register

**url：/user/register**

**Input：**(@RequestBody Patient patient)

{

"address": "Beijing",

"age": 23,

"gender": "male",

"name": "szy",

"password": "123",

"patientId": 101,

"phone": "+861344567"

}

**Output：（**UserResponse**）**

{

"isSuccess": true,

"message": "Register success"

}

## 1.2 User login

**url：/user/login**

**Input：**(@RequestParam Integer id, @RequestParam String password, @RequestParam Integer role)

图形用户界面, 应用程序

描述已自动生成

**Output：（**UserResponse**）**

{

"isSuccess": true,

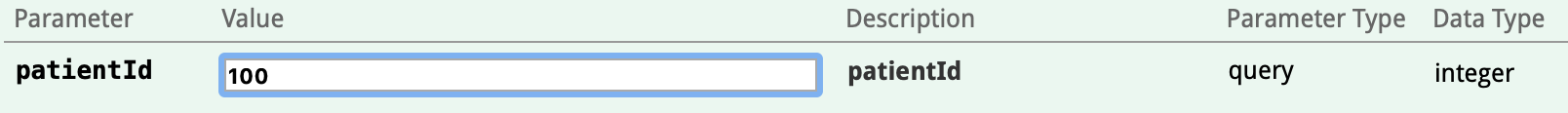
"message": "Login success"

}

## 1.3 Find user

**url：/user/searchPatient**

**Input：** (@RequestParam Integer patientId)



**Output：（**Patient**）**

{

"patientId": 100,

"doctorId": null,

"name": "msy",

"gender": "male",

"password": "123",

"phone": "+86155678",

"address": "Beijing",

"age": 22,

"status": null

}

## 1.4 Find doctor

**url：/user/searchDoctor**

**Input：** (@RequestParam Integer doctorId)



**Output：（**Doctor**）**

{

"doctorId": 9,

"name": "hyt",

"gender": "female",

"email": "hao@123.com",

"password": "123",

"phone": "+86122345"

}

## 1.5 Edit user's information

**url：/user/editPatient**

**Input：** (@RequestBody Patient patient)

{

"address": "Beijing",

"age": 22,

"gender": "male",

"name": "msy",

"password": "123",

"patientId": 100,

"phone": "+861111111"

}

**Output：（**Boolean**）**

true

## 1.6 Edit doctor's information

**url：/user/editDoctor**

**Input：** (@RequestBody Doctor doctor)

{

"doctorId": 10,

"email": "fsy@163.com",

"gender": "male",

"name": "fsy",

"password": "123",

"phone": "+86112233"

}

**Output：（**Boolean**）**

true

# 二．Users function controller

## 2.1 Appointment of doctor.

**url：/patient/request**

**Input：** (@RequestParam Integer patientId, @RequestParam Integer doctorId, @RequestParam String date, @RequestParam Integer type)

图形用户界面

描述已自动生成

**Output：**List<Appointment>

[

{

"appointmentId": 3,

"patientName": "yy",

"doctorName": "hyt",

"doctorId": 9,

"patientId": 99,

"status": 0,

"type": 1,

"date": "Nov.12 / 4pm"

},

{

"appointmentId": 4,

"patientName": "yy",

"doctorName": "fsy",

"doctorId": 10,

"patientId": 99,

"status": 0,

"type": 1,

"date": "Nov.13 / 6pm"

}

]

## 2.2 Check appointment list

**url：/patient/checkApp**

**Input：** (@RequestParam Integer patientId)



**Output：**List<Appointment>

[

{

"appointmentId": 1,

"patientName": "msy",

"doctorName": "hyt",

"doctorId": 9,

"patientId": 100,

"status": 0,

"type": 2,

"date": "Nov.11 / 9am"

},

{

"appointmentId": 2,

"patientName": "msy",

"doctorName": "fsy",

"doctorId": 10,

"patientId": 100,

"status": 0,

"type": 0,

"date": "Nov.12 / 4pm"

}

]

## 2.3 Cancel appointment

**url：/patient/cancel**

**Input：** (@RequestParam Integer appointmentId



**Output：**Boolean

true

## 2.4 Healthy check-in

**url：/patient/checkin**

**Input：** (@RequestBody State state)

{

"cold": true,

"dizzy": true,

"hardToBreath": true,

"nauseous": true,

"other": "nothing",

"patientId": 100,

"status": 2,

"temperature": 36,

"vomit": true

}

**Output：**UserResponse

{

"isSuccess": true,

"message": "checkin success"

}

# Doctors function controller

## 3.1 Check associated users

**url：/patient/checkPatient**

**Input：** (@RequestParam Integer doctorId)



**Output：**List<Patient>

[

{

"patientId": 99,

"doctorId": 9,

"name": "yy",

"gender": "male",

"password": "123",

"phone": "+861777348",

"address": "Harbin",

"age": 22,

"status": null

},

{

"patientId": 100,

"doctorId": 9,

"name": "msy",

"gender": "male",

"password": "123",

"phone": "+861111111",

"address": "Beijing",

"age": 22,

"status": 2

}

]

## 3.2 Add associated patients

**url：/doctor/addPatient**

**Input：** (@RequestParam Integer patientId, @RequestParam Integer doctorId)

图形用户界面, 应用程序

描述已自动生成

**Output：**List<Patient>

[

{

"patientId": 99,

"doctorId": 9,

"name": "yy",

"gender": "male",

"password": "123",

"phone": "+861777348",

"address": "Harbin",

"age": 22,

"status": null

},

{

"patientId": 100,

"doctorId": 9,

"name": "msy",

"gender": "male",

"password": "123",

"phone": "+861111111",

"address": "Beijing",

"age": 22,

"status": 2

}

]

## 3.3 Delete associated patients /

**url：/doctor/deletePatient**

**Input：** (@RequestParam Integer patientId, Integer doctorId)

图形用户界面, 网站

描述已自动生成

**Output：**List<Patient>

[

{

"patientId": 99,

"doctorId": 9,

"name": "yy",

"gender": "male",

"password": "123",

"phone": "+861777348",

"address": "Harbin",

"age": 22,

"status": null

}

]

## 3.4 Check patient details

**url：/doctor/checkDetail**

**Input：** (@RequestParam Integer patientId)



**Output：**Map<String,State>

{

"msy": {

"conditionId": 4,

"patientId": 100,

"status": 2,

"temperature": 36.4,

"vomit": true,

"cold": true,

"dizzy": true,

"nauseous": true,

"hardToBreath": true,

"other": "nothing"

}

}

## 3.5 Edit user condition

**url：/doctor/editDetail**

**Input：** (@RequestBody State state)

{

"cold": true,

"dizzy": true,

"hardToBreath": true,

"nauseous": true,

"other": "not well",

"patientId": 100,

"status": 2,

"temperature": 37,

"vomit": true

}

**Output：**State

{

"conditionId": 5,

"patientId": 100,

"status": 2,

"temperature": 37,

"vomit": true,

"cold": true,

"dizzy": true,

"nauseous": true,

"hardToBreath": true,

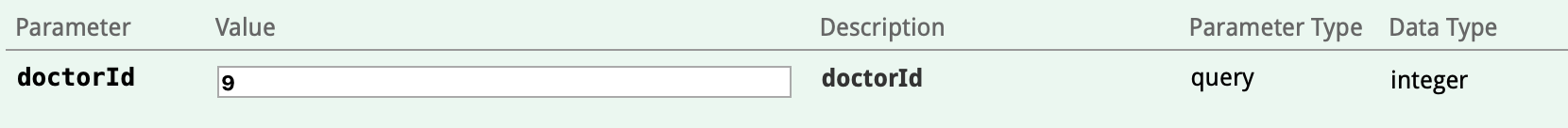
"other": "not well"

}

## 3.6 Check appointment

**url：/doctor/checkApp**

**Input：** (@RequestParam Integer doctorId)



**Output：**List<Appointment>

[

{

"appointmentId": 1,

"patientName": "msy",

"doctorName": "hyt",

"doctorId": 9,

"patientId": 100,

"status": 2,

"type": 2,

"date": "Nov.11 / 9am"

},

{

"appointmentId": 3,

"patientName": "yy",

"doctorName": "hyt",

"doctorId": 9,

"patientId": 99,

"status": 0,

"type": 1,

"date": "Nov.12 / 4pm"

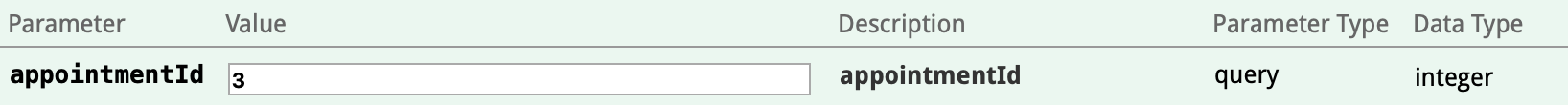
}

]

## 3.7 Accept appointment

**url：/doctor/confirm**

**Input：** (@RequestParam Integer appointmentId)



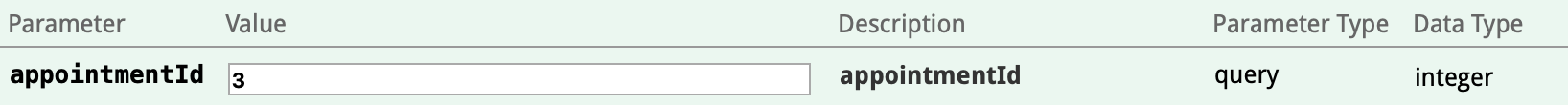
**Output：Boolean**

true

## Cancel appointment /

**url：/doctor/cancel**

**Input：** (@RequestParam Integer appointmentId)



**Output：Boolean**

true