在线预约系统接口文档

|  |  |  |  |
| --- | --- | --- | --- |
| 版本号 | 修改内容 | 时间 | 执行者 |
|  |  |  |  |
|  |  |  |  |

1.用户模块(/user)

1.1 用户注册

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /regist | | | |
| **描述** | 用户注册 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| username | post | |  |
| password | post | |  |
| email | post | |  |
| phone | post | | 可以为空 |
|  | sex |  | | 0表示男，1表示女 |
|  | IDcard |  | | 年龄 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:“”  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

1.2查看邮箱是否已被注册

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /checkEmail | | | |
| **描述** | 检查邮箱是否已被注册 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| email | post | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 格式有错误 | |
| 1 | | 未被注册 | |
| 2 | | 已被注册 | |

1.3用户登录

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /login | | | |
| **描述** | 用户登录 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| username | post | |  |
| password | post | |  |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 登录成功 | |
| 2 | | 查询结果为空 | |

1.5 查看个人信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /viewInfo | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
|  |  | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:{  “username”:String,  “email”:String,  “phone”：String,  “userId”:String  “Idcard”: card  }  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

1.6 发送邮箱验证码

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /sendVerifyCode | | | |
| **描述** | 发送邮箱验证码 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| email | post | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

1.7 判定验证码

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /checkVerifyCode | | | |
| **描述** | 判定验证码是否正确 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| code | post | |  |
|  |  | |  |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 验证码正确 | |
| 2 | | 验证码错误 | |

1.8 重置密码

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /resetPassword | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| password | post | |  |
| code | post | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

1.9 修改密码

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /modifyPassword | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| oldPassword | post | |  |
| newPassword | post | |  |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

1.10 登出

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /logOut | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.管理页面（/manage）

2.1增加医院

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addHospital | | | |
| **描述** | 增加医院 | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| name | String | | 医院名称 |
| positionId | int | | 地区 |
| desc | String | | 描述 |
| hospitalClass | String | | 等级 |
|  | phone | String | | 电话 |
|  | image | String | | 医院图片 |
|  | address | String | | 医院详细地址 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.2增加科室

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addDepartment | | | |
| **描述** | 增加科室 | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| name | String | | 科室名字 |
| hospitalId | int | | 医院Id |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.4增加医生

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addDocter | | | |
| **描述** | 增加医生 | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| name | String | | 医生名字 |
| diseaseId | int | | 科室Id |
|  | docterDesc | String | | 医生描述 |
|  | docterClass | int | | 医生等级 |
|  | docterImage | String | | 医生头像 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.6增加职称与收费

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addCost | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| name | post | | 职称名字 |
| cost | post | | 挂号费 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.7增加值班表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addScheduling | | | |
| **描述** | 增加排班表 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| docterId | post | | 医生Id |
| date | post | | 值班时间 //只能是以半个或1个小时间隔 |
|  | number | post | | 可预约人数 |
|  | state | post | | 1表示出诊，2表示已满 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.8获取Location 信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getPosition | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
|  |  | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {“locationId”:id, “name”: String }//返回位置的Id和名字  ….  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.9获取医生等级与收费 信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getClassAndCost | | | |
| **描述** | 查看个人信息 | | | |
| **参数** | **名称** | **方式** | | **说明** |
| classCostId |  | | 医生等级的id |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {“cost”:int, “name”: String }//返回位置的Id和名字  ….  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

2.10增加疾病

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addDisease | | | |
| **描述** | 增加疾病 | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| name | String | | 科室名字 |
| departmentId | int | | 医院Id |
| **响应** | {  “code”: 0,  “error”:String,  “data”:Object //返回结果  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.预约模块(/order)

3.1 按照区域查找医院

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getHospitalByPositionId | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| positionId | int | | 地区的Id |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {“hospitalId”:” id”,  “hospitalName”:”name”,  “hospialDesc”:“desc”,  “hospitalClass”:”class”,  “hospiatlImage”:”image”,  “hospitalAdress”:”address”  “hospitalPhone”:phone  }  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.2 获取医院

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getHospitalByPage | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| page | int | | >0的数第几页，0 表示返回所有 |
| number | int | | 每页多少个 |
|  | isAll | int(可选) | | 当有值的时候表示返回剩下所有 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[{“hospitalId”:” id”,  “hospitalName”:”name”,  “hospialDesc”:“desc”,  “hospitalClass”:”class”,  “hospiatlImage”:”image”,  “hospitalAddress”:”address”  “hospitalPhone”:phone  }  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.3 获取科室

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getDepartmentByPage | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| page | int | | >0的数第几页，0 表示返回所有 |
| number | int | | 每页多少个 |
|  | isAll | int(可选) | | 当有值的时候表示返回剩下所有 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  'hositalId”:id,  “departmentId”:id,  “hopitalName”:name,  “departmentName”:departmentName,  “level”:level,  “hospitalAdsress”:address,  “hospitalImage”:image  “hospitalPhone”phone  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.4 按类型搜索 并 分区显示医生

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /searchByType | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| **key** | **varchar** | | **关键字** |
| **type** | **int** | | **1表示医院，2表示科室，3表示疾病，4 .医生** |
| **positionId** | **int** | | **地区的Id 当type=3,4 时有效** |
| page | int | | >0的数第几页，0 表示返回所有 |
| number | int | | 每页多少个 page为0 可以为空 |
|  | isAll | int(可选) | | 当有值的时候表示返回剩下所有 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  //返回医院的情况  'hositalId”:id,  “departmentId”:id,  “hopitalName”:name,  “departmentName”:departmentName,  “hospitalClass”:hospitalClass,  “hospitalAdsress”:address,  “hospitalImage”:iamge  ”hospitalPhone”:phone  //返回医生  “hospitalId”: id,  “hospitalName”:id,  “docterId”:id,  “docterName”:name,  “docterClass”: class,  “docterDesc”:desc,  “docterImage”:image  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.5 获取医生排班表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getScheduling | | | |
| **描述** | 增加疾病 | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| docterId | int | | 医生Id |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {“date”: yyyy-mm-dd ,  ”cost”:cost,  “state”:0 表示可预约，1表示已满，2 表示停诊  ”schedulingId”:id  “doctorId”: id  }。。。  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.6 获取医院的科室以及疾病

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getDiseaseOfHospital | | | |
| **描述** | 增加疾病 | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| hositalId | int | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {  “deapartmentid”:id,  “departmentName”:name  “diseaseList”:[  {“id':diseaseId,//疾病id  “name”:疾病名称  }  ...  ]  }  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.7 获取疾病下所有医生

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getDocterOfDisease | | | |
| **描述** | 增加疾病 | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| diseaseId | int | |  |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {  “hospitalId”: id,  “hospitalName”:id,  “docterId”:id,  “docterName”:name,  “docterClass”: class,  “docterDesc”:desc,  “docterImage”:image  }  ...  ]  }  ]  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

3.8 增加医生排班表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addScheduling | | | |
| **描述** |  | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| doctorId | int | | 医生Id |
| date | 日期+时间 | | Yyyy-mm-dd hh-mm-ss |
|  | number | int | | 可预约的人数 |
|  | state | int | | 可省，预约状态，1表示可预约，2表示已满，3,表示停诊 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:“” | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 时间段冲突 | |

3.9 更新排班表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /updateScheduling | | | |
| **描述** |  | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| id |  | | shcdulingId |
| docterId | int | | 医生Id |
| date | 日期+时间 | | Yyyy-mm-dd hh-mm-ss |
|  | number | int | | 可预约的人数 |
|  | schedulingState | int | | 预约状态，1表示可预约，2表示已满,3,表示停诊 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:“” | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 时间段冲突 | |

4. 用户预约/book (未实现)

4.1用户增加预约

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /addBook | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| userId | int | | 医生Id |
| shedulingId |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:“” | | | |
| **code** | 0 | | 输入非法，内部错误 | |
| 1 | | 成功执行完成 | |
| 2 | | 已满 | |

4.2 用户取消预约/支付

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /setBook | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| orderId | int | | 订单 |
|  | type | int | | 1.取消订单，2 表示支付成功 |
| **响应** | {  “code”: 0,  “error”:String,  “data”:“” | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成，取消完成 | |

4.3 查看所有订单

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /getBooks | | | |
| **描述** |  | | | |
| 方式 | get | | | |
| **参数** | **名称** | **类型** | | **说明** |
| userId | int | | 用户Id |
| **响应** | {  “code”: 0,  “error”:String,  “data”:[  {  “bookId”: id,  “userId”:ID,  “docterId”:id  “doctorName”:name  “date”:date  “price”:price  “state”:state  “bookTime”:下单时间  }  ] | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |

5.从定向页面 /redirect

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uri** | /forward | | | |
| **描述** | 跳转页面 | | | |
| 方式 | post | | | |
| **参数** | **名称** | **类型** | | **说明** |
| pageName | string | | 跳转页面的名称 |
|  |  | |  |
| **响应** | {  “code”: 0,  “error”:String,  “data”:“”//为空  } | | | |
| **code** | 0 | | 输入非法 | |
| 1 | | 成功执行完成 | |
| 2 | | 查询结果为空 | |