2017-4-11

**墨子星健康管家**

接口文档

# 接口列表

## 用户登录

请求类型定义为post 数据格式为：json

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | | 类型 |
| account | | 账号 | 是 | | 4~8 | | String |
| password | | 密码 | 是 | | 4~8 | | String |
| url | | Mozi/user/landingUser | | | | | |
| 请求参数： {"account":"123456","password":"123456"} | | | | | | | |
| 返回参数： | | | | | | | |
| message | 注解:  登陆成功！！！  登陆失败！！！ | | | | | | Stirng |
| code | 状态码：200:成功， 400：失败， 305：密码有误 | | | | | | int |
| data | name | | | 名称 | | Stirng | |
| age | | | 年龄 | | int | |
| gender | | | 性别 | | Stirng | |
| phone | | | 电话号码 | | Stirng | |
| address | | | 地址 | | Stirng | |
| wechat | | | 微信 | | Stirng | |
| qq | | | QQ | | Stirng | |
| id | | | 用户唯一标示 | | int | |
| role | | | 角色 | | Stirng | |
| createtime | | | 注册时间 | | datetime | |
| atlasttime | | | 最近登陆时间 | | datetime | |
| avatar | | | 头像 | | String | |
| weight | | | 体重 | | float | |
| height | | | 身高 | | float | |
| borm | | | 出生 | | int | |
|  | {  "message": "登陆成功！！！",  "code": 200,  "data": {  "id": 13,  "role": "管理员",  "name": "小明",  "age": 12,  "gender": "男",  "phone": "122",  "address": "122",  "avatar": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "wechat": "122",  "qq": "122",  "createtime": 1523160646000,  "atlasttime": 1524570328552,  "weight": 122,  "height": 17,  "born": 1522480007000  }  } | | | | | | |

## 用户注册

请求类型定义为post 数据格式为：json

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| account | 账号 | 是 | 4~11 | | String |
| password | 密码 | 是 | 4~8 | | String |
| name | 名称 | 否 |  | | String |
| age | 年龄 | 否 |  | | int |
| gender | 性别 | 否 |  | | String |
| phone | 电话号码 | 是 | 11 | | String |
| address | 邮箱地址 | 否 |  | | String |
| wechat | 微信 | 否 |  | | String |
| qq | QQ | 否 |  | | String |
| weight | 体重 | 否 |  | | float |
| height | 身高 | 否 |  | | float |
| borm | 出生 | 否 |  | | datetime |
| code | 验证码 | 是 |  | | String |
| url | Mozi/user/addUser | | | | |
| 请求参数：{"account":"12345678","password":"123456","name":"小明","age":"12","gender":"男","phone":"122","address":"122","code":"56123","wechat":"122","qq":"122","weight":"122","height":"17","born":"1522480006949"} | | | | | |
| 返回参数： | | | | | |
| message | 注解:  注册成功！！！  注册失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败，405：该账号已经被注册了 | | | Int | |
|  | {  "message": "添加成功！！！",  "code": 200,  "data": {  "id": 49,  "role": null,  "name": "小明",  "age": 12,  "gender": "男",  "phone": "122",  "address": "122",  "avatar": null,  "wechat": "122",  "qq": "122",  "createtime": 1524622693000,  "atlasttime": 1524622693518,  "weight": 122,  "height": 17,  "born": 1522480007000  }  } | | | | |

## 获取验证码

请求类型定义为post 数据格式为：json

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | 字符长度 | | 类型 |
| phone | | 手机号码 | 是 | 11 | | Int |
| url | | Mozi/user/sendSMS | | | | |
| 请求参数 {"phone":"13652329425"} | | | | | | |
| 返回参数： | | | | | | |
| message | 注解:  发送验证码成功！！  发送验证码失败！！ | | | | String | |
| code | 状态码：200:成功， 400：失败 | | | | int | |
|  | {  "message": "发送验证码成功！！！",  "code": 200  } | | | | | |

## 用户头像上传

请求类型定义为post 数据格式为：json

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | 字符长度 | | 类型 |
| id | | 用户唯一标示 | 是 |  | | Int |
| avatar | | 图片文件 | 是 |  | | Flie |
| url | | Mozi/user/uploadavatar | | | | |
| 请求参数：参数：avatar 文件 用户id | | | | | | |
| 返回参数： | | | | | | |
| message | 注解:  头像上传成功！！！  头像上传失败！！！ | | | | String | |
| code | 状态码：200:成功， 400：失败 | | | | int | |
|  | {  "message": "头像上传成功！！!",  "code": 200  } | | | | | |

## 用户头像修改

请求类型定义为post 数据格式为：json

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | 字符长度 | | 类型 |
| id | | 用户唯一标示 | 是 |  | | Int |
| avatar | | 图片文件 | 是 |  | | Flie |
| url | | Mozi/user/updateavatar | | | | |
| 请求参数：avatar 文件 用户id | | | | | | |
| 返回参数： | | | | | | |
| message | 注解:  修改头像成功！！！  修改头像失败！！！ | | | | String | |
| code | 状态码：200:成功， 400：失败 | | | | int | |
| {  "message": "修改头像成功！！!",  "data": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "code": 200  } | | | | | | |

## 修改用户信息

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| id | 用户唯一标示 | 是 |  | | Int |
| name | 名称 | 否 |  | | String |
| age | 年龄 | 否 |  | | int |
| gender | 性别 | 否 |  | | String |
| phone | 电话号码 | 否 | 16 | | String |
| address | 地址 | 否 |  | | String |
| wechat | 微信 | 否 |  | | String |
| qq | QQ | 否 |  | | String |
| url | Mozi/user/updateUser | | | | |
| 请求参数：{"password":"123456","name":"小明5","age":"12","gender":"男","phone":"122","address":"122","wechat":"122","qq":"122","weight":"122","height":"17","id":"20"} | | | | | |
| 返回参数 | | | | | |
| message | 注解:  修改成功！！！  修改失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败 | | | Int | |
| {  "message": "修改成功!!!",  "code": 200  } | | | | | |

## 用户修改密码

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| id | 用户唯一标示 | 是 |  | | Int |
| password | 密码 | 是 | 4~8 | | String |
| newpassword | 旧密码 | 是 | 4~8 | | String |
| url | Mozi/user/updatepassword | | | | |
| 请求参数：{"newpassword":"123456","password":"12345678","id":"5"} | | | | | |
| 返回参数： | | | | | |
| message | 注解:修改成功！！！  修改失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败， 305：密码有误 | | | Int | |
| {  "message": "修改成功！！!",  "code": 200  } | | | | | |

## 忘记密码

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| userid | 用户唯一标示 | 是 |  | | Int |
| password | 密码 | 是 | 4~8 | | String |
| phone | 手机号码 | 是 |  | |  |
| code | 验证码（调用获取验证码接口获得） | 是 | 4~8 | | String |
| url | Mozi/user/forgetpassword | | | | |
| 请求参数：{"phone":"13539260022","userid":"13","password":"1234569","code":"84004"} | | | | | |
| 返回参数： | | | | | |
| message | 注解:  修改成功！！！  修改失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败， 305：密码有误 | | | Int | |
| {"phone":"13539260022","userId":"13","password":"1234569","code":"84004"} | | | | | |

# 设备管理

## 用户绑定设备（监护者）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | 字符长度 | | 类型 |
| userid | 用户唯一标示 | | 是 |  | | Int |
| imei | 设备imei | | 是 |  | | int |
| url | Mozi/usereq/addguardianship | | | | | |
| 请求参数:{"userid":"4","imei":"1"} | | | | | | |
| 返回参数: | | | | | | |
| message | | 注解：  添加设备监护者成功！！！  添加设备监护者失败！！！ | | | Sting | |
| code | | 状态码：200:成功， 400：失败， 305：该用户已经绑定 | | | Int | |
| {  "message": "添加设备监护者成功！！！",  "code": 200  } | | | | | | |

## 用户绑定设备（观察者）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | 字符长度 | | 类型 |
| userid | 用户唯一标示 | | 是 |  | | Int |
| imei | 设备imei | | 是 |  | | int |
| authorized | 授权状态（未授权，已授权） | | 是 |  | | String |
| url | Mozi/usereq/addObserved | | | | | |
| 请求参数:{"userid":"4","imei":"1","authorized":"未授权"} | | | | | | |
| 返回参数: | | | | | | |
| message | | 注解：  添加设备观察者成功！！！  添加设备观察者失败！！！ | | | Sting | |
| code | | 状态码：200:成功， 400：失败， 305：该用户已经绑定 | | | Int | |
| {  "message": "添加设备观察者成功！！！",  "code": 200  } | | | | | | |

## 用户绑定设备（使用者）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | 字符长度 | | 类型 |
| userid | 用户唯一标示 | | 是 |  | | Int |
| imei | 设备imei | | 是 |  | | int |
| url | Mozi/usereq/adduse | | | | | |
| 请求参数:{"userid":"4","imei":"1"} | | | | | | |
| 返回参数: | | | | | | |
| message | | 注解：  添加设备使用者成功！！！！  添加设备使用者失败！！！ | | | Sting | |
| code | | 状态码：200:成功， 400：失败， 305：该用户已经绑定 | | | Int | |
| {  "message": "添加设备使用者成功！！！",  "code": 200  } | | | | | | |

## 获取设备相关管理人员数据

备注 通过role判断该用户为该设备的那种角色

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | | 类型 |
| imei | | 设备imei | 是 | | 4~8 | | String |
| url | | Mozi/usereq/selectusereq | | | | | |
| 请求参数：{"imei":"425325"} | | | | | | | |
| 返回参数： | | | | | | | |
| message | 注解:  获取设备操作者成功！！！  获取设备操作者失败！！！ | | | | | | Stirng |
| code | 状态码：200:成功， 400：失败 | | | | | | int |
| data | account | | | 账号 | | String | |
| name | | | 名称 | | Stirng | |
| age | | | 年龄 | | int | |
| gender | | | 性别 | | Stirng | |
| phone | | | 电话号码 | | Stirng | |
| address | | | 地址 | | Stirng | |
| wechat | | | 微信 | | Stirng | |
| qq | | | QQ | | Stirng | |
| id | | | 用户唯一标示 | | int | |
| role | | | 角色 | | Stirng | |
| createtime | | | 注册时间 | | datetime | |
| atlasttime | | | 最近登陆时间 | | datetime | |
| avatar | | | 头像 | | String | |
| weight | | | 体重 | | int | |
| height | | | 身高 | | int | |
| borm | | | 出生 | | int | |
| {  "message": "获取设备操作者成功！！！",  "code": 200,  "data": [  {  "id": 13,  "role": "观察者",  "account": "123456",  "password": "E10ADC3949BA59ABBE56E057F20F883E",  "name": "小明",  "age": 12,  "gender": "男",  "phone": "122",  "address": "122",  "avatar": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "wechat": "122",  "qq": "122",  "createtime": 1523160646000,  "atlasttime": 1524585764000,  "weight": 122,  "height": 17,  "born": 1522480007000,  "code": "320426"  },  {  "id": 13,  "role": "观察者",  "account": "123456",  "password": "E10ADC3949BA59ABBE56E057F20F883E",  "name": "小明",  "age": 12,  "gender": "男",  "phone": "122",  "address": "122",  "avatar": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "wechat": "122",  "qq": "122",  "createtime": 1523160646000,  "atlasttime": 1524585764000,  "weight": 122,  "height": 17,  "born": 1522480007000,  "code": "320426"  } ]} | | | | | | | |

## 献浆删除设备操作者数据（使用者，观察者，监护者）

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | 字符长度 | | 类型 |
| userid | 要删除的用户id | | 是 |  | | Int |
| imei | 设备imei | | 是 |  | | String |
| typeof | 删除者类型(0 监护者，1观察者,2使用者) | | 是 |  | | Int |
| url | Mozi/usereq/deleteequse | | | | | |
| 请求参数:{"imei":"425325","userid":"4","typeof":"1"} | | | | | | |
| 返回参数: | | | | | | |
| message | | 注解：  删除成功！！！！  删除失败！！！ | | | Sting | |
| code | | 状态码：200:成功， 400：失败， | | | Int | |
| {  "message": "删除成功！！！",  "code": 200  } | | | | | | |

## 献浆获取用户最新健康数据

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | | 字符长度 | | | 类型 |
| userid | 用户唯一标识符 | 是 | |  | | | String |
| url | Mozi/equipmentData/selectdata | | | | | | |
| 请求参数:{"userid":"13"} | | | | | | | |
| 返回参数: | | | | | | | |
| message | 注解：  获取用户最新健康数据成功！！！  该设备没有健康数据！！！ | | | | String | | |
| code | 状态码：200:成功， 400：失败， | | | | Int | | |
| data | id | | id | | | int | |
| userId | | 用户id | | | int | |
| heartrate | | 心率 | | | Int | |
| highpressure | | 高压 | | | Int | |
| bottompressure | | 低压 | | |  | |
| bloodpressure | | 血压 | | | String | |
|  | mocrocirculation | | 微循环 | | |  | |
|  | breathe | | 呼吸 | | |  | |
|  | sleeping | | 睡眠 | | |  | |
|  | stepWhen | | 当天步数 | | |  | |
|  | carrieroad | | 卡里路 | | |  | |
|  | sedentary | | 久坐 | | |  | |
|  | movementstate | | 运动状态 | | |  | |
|  | bodytemp | | 体温 | | |  | |
|  | humidity | | 湿度 | | |  | |
|  | crash | | 冲撞 | | |  | |
|  | createtime | | 数据上传时间 | | |  | |
|  | qxygen | | 血氧 | | |  | |
|  | sleepingS | | 睡眠状态 | | |  | |
|  | runS | | 跑步状态 | | |  | |
|  | stepTime | | 每天步数小时 | | |  | |
|  | stepEach | | 每天步数目标 | | |  | |
|  | hrv | | 心跳变异 | | |  | |
|  | mood | | 情绪 | | |  | |
| {  "message": "获取用户最新健康数据成功！！！",  "code": 200,  "data": {  "id": 21,  "userId": 13,  "heartrate": 11,  "highpressure": 11,  "bottompressure": 11,  "bloodpressure": 11,  "mocrocirculation": 11,  "breathe": 1,  "sleeping": 0,  "stepWhen": 0,  "carrieroad": 0,  "sedentary": "0",  "movementstate": 0,  "bodytemp": null,  "humidity": null,  "crash": 0,  "createtime": 1523412055000,  "qxygen": 111,  "sleepingS": 1,  "runS": 1,  "stepTime": 1,  "stepEach": 11,  "hrv": 11,  "mood": null  }  } | | | | | | | |

## 获取设备基本数据

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | | 否必填 | | 字符长度 | | | 类型 |
| imei | | 设备imei | | 是 | |  | | | String |
| url | | Mozi/equipment/selectEquipment | | | | | | | |
| 请求参数:{"imei":"425325"} | | | | | | | | | |
| 返回参数: | | | | | | | | | |
| message | | | 注解：  获取设备基本信息成功！！！  该设备不存在！！！ | | | | String | | |
| code | 状态码：200:成功， 400：失败， | | | | | | int | | |
| data | id | | | | 设备id | | | Int | |
| lordpower | | | | 主机电量 | | | int | |
| signal | | | | 主机信号 | | | String | |
| bluetoothType | | | | 蓝牙类型 | | | String | |
| bluetoothName | | | | 蓝牙名称 | | | String | |
| bluetoothStatus | | | | 蓝牙状态(连接，未连接) | | | String | |
| bluetoothElectricity | | | | 蓝牙电量 | | | int | |
| eqtype | | | | 设备类型 | | | String | |
| eqStatus | | | | 设备状态(在线或者离线) | | | String | |
| clock | | | | 闹钟 | | | String | |
| createtime | | | | 注册时间 | | | datetime | |
| updatetime | | | | 最近更新数据时间 | | | datetime | |
| imei | | | | 设备imei | | | String | |
| phone1 | | | | 紧急联系人1 | | | String | |
| phone2 | | | | 紧急联系人2 | | | String | |
| uploadtime | | | | 设备更新时间 | | | datetime | |
| {  "message": "获取设备基本信息成功！！！",  "code": 200,  "data": {  "id": 3,  "imei": "425325",  "lordpower": 78,  "signalxhao": "17",  "bluetoothType": "蓝牙类型",  "eqStatus": "H:0",  "createtime": 1523168392000,  "updatetime": 1523412055000,  "eqtype": "1",  "bluetoothName": "蓝牙名字",  "bluetoothStatus": "1",  "bluetoothElectricity": 90,  "clock": "闹钟",  "phone1": "13539266",  "phone2": "13539266",  "name": "设备名称",  "version": "1.1",  "uploadtime": 1524292575000  }  } | | | | | | | | | |

## (未完成)获取步数数据(根据年月日 周)查询

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | | 字符长度 | | | | 类型 | |
| imei | 设备imei | | 是 | |  | | | | String | |
| service | 查询类型  周 week，  月 month  年 year  日 day | | 是 | |  | | | | String | |
| timedata | 时间参数 | | 是 | |  | | | | String | |
| url | Mozi/equipmentData/selectstepsDate | | | | | | | | | |
| 返回参数 | | | | | | | | | | |
| message | | 注解:  获取步数健康数据成功！！！  获取步数健康数据异常！！！ | | | | | String | | | |
| code | | 状态码：200:成功， 400：失败 | | | | | int | | | |
| data | stepsduration | | | 步行时长 | | | | Int | | |
| runduration | | | 跑步时长 | | | | int | | |
| actiondistance | | | 行动距离 | | | | int | | |
| totalsteps | | | 目标步数 | | | | String | | |
| targetsteps | | | 总步数 | | | | String | | |
| stepss | | | id | | id | | | | Int |
| stepcount | | 步数 | | | | Int |
| stepdatetime | | 时间 | | | | Detatime |

## (未完成)获取睡眠数据(根据年月日 周)查询（未完成）

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | | 字符长度 | | | | 类型 | |
| imei | 设备imei | | 是 | |  | | | | String | |
| service | 查询类型  周 week，  月 month  年 year  日 day | | 是 | |  | | | | String | |
| timedata | 时间参数 | | 是 | |  | | | | String | |
| url | Mozi/equipmentData/selectsleepingDate | | | | | | | | | |
| 返回参数 | | | | | | | | | | |
| message | | 注解:  获取睡眠数健康数据成功！！！  获取睡眠数据健康异常！！！ | | | | | String | | | |
| code | | 状态码：200:成功， 400：失败 | | | | | int | | | |
| data | depthsleepings | | | 深度睡眠 | | | | Sting | | |
| shallowsleepings | | | 浅度睡眠 | | | | Sting | | |
| awakeningtime | | | 觉醒时间 | | | | Sting | | |
| totalsleeping | | | 总睡眠时间 | | | | Sting | | |
| sleepings | | | id | | id | | | | Int |
| sleeping | | 睡眠时间 | | | | Int |
| sleepingtime | | 睡眠创建时间 | | | | Detatime |

## (未完成)获取心率数据(根据年月日 周)查询（未完成）

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | | 字符长度 | | | | 类型 | |
| imei | 设备imei | | 是 | |  | | | | String | |
| service | 查询类型  周 week，  月 month  年 year  日 day | | 是 | |  | | | | String | |
| timedata | 时间参数 | | 是 | |  | | | | String | |
| url | Mozi/health/selecthealth | | | | | | | | | |
| 返回参数 | | | | | | | | | | |
| message | | 注解:  获取心率健康数据成功！！！获取心率健康数据异常！！！ | | | | | String | | | |
| code | | 状态码：200:成功， 400：失败 | | | | | int | | | |
| data | strongHeart | | | 极大强度 | | | | Sting | | |
| bigHeart | | | 较大强度 | | | | Sting | | |
| inHeart | | | 中等强度 | | | | Sting | | |
| average | | | 心率平均值/分 | | | | Sting | | |
| hs | | | id | | id | | | | Int |
| heartrate | | 心率次数 | | | | Int |
| createtime | | 心率创建时间 | | | | Detatime |

## 19)获取血压数据(根据年月日 周)查询

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | | 否必填 | | 字符长度 | | 类型 | |
| imei | 设备imei | | 是 | |  | | String | |
| service | 查询类型  周 week，  月 month  年 year  日 day | | 是 | |  | | String | |
| timedata | 时间参数 | | 是 | |  | | String | |
| url | Mozi/health/bloodpressure | | | | | | | |
| 请求参数： {"service":"month","imei":"425325","timedata":"2018-04"} | | | | | | | | |
| 返回参数: | | | | | | | | |
| message | | 注解:  获取血压健康数据成功！！！获取血压健康数据异常！！！ | | | | String | | |
| code | | 状态码：200:成功， 400：失败 | | | | int | | |
| chartData | value | | | 高血压值 | | | | Sting |
| 低血压值 | | | | Sting |
| detail | detailId  name  value  updateTime | | | ID  血压最高值  血压值  更新时间 | | | | Int |
| Sting |
| Sting |
| Detatime |
| detailId  name  value  updateTime | | | ID  血压最低值  血压值  更新时间 | | | | Int |
| Sting |
| Sting |
| Detatime |
| data | categoryId | | | ID | | | | Int |
| name | | | pressure | | | | Sting |
| desc | | | 血压 | | | | Sting |
| {      "message":"获取健康数据成功！！！",      "code":200,      "data":{          "categoryId":3,          "name":"pressure",          "desc":"血压",  // 图表数据          "chartData":[  // 每个字典是一个折线图的点              {                  "value":[                      931, // 高血压值                      12 // 低血压值                  ],                  "createtime":1523172279000,                  "updateTime":1234235234423              },              {                  "value":[                      412, // 高血压值                      13 // 低血压值                  ],                  "createtime":1524444444444,                  "updateTime":1524472294141              },              {                  "value":[                      142, // 高血压值                      31 // 低血压值                  ],                  "createtime":1523172275000,                  "updateTime":1524472295000              }          ],  // 下面正方形框的数据          "detail":[              {                  "detailId":8,                  "name":"血压最高值",                  "value":180/110,                  "updateTime":1524472295000              },              {                  "detailId":18,                  "name":"血压最低值",                  "value":90/50,                  "updateTime":1524472295000              }          ]      }  } | | | | | | | | |

## 21)获取用户所有设备佩带者（使用者）

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | | 否必填 | | 字符长度 | | 类型 |
| userid | | 用户id | | 是 | |  | | String |
| url | | Mozi/usereq/selectuserdata | | | | | | |
| 请求参数:{"userid":"13"} | | | | | | | | |
| 返回参数: | | | | | | | | |
| message |  | | 注解:  获取所有设备使用者信息成功！！！  该用户未有使用信息！！ | | | | Stirng | |
| code |  | | 状态码：200:成功， 400：失败，350:未有使用者 | | | | int | |
| data | iconPath | | | | 头像连接 | | String | |
| username | | | | 用户名称 | | Stirng | |
| bluetoothStatus | | | | 蓝牙 | | String | |
| userStatus | | | | 运动状态 | | Stirng | |
| deviceEnergy | | | | 电量 | | Int | |
| userId | | | | 用户id | | int | |
| managenment | | | | 是否为管理员 | | boolean | |
| loactionStatus | | | | 定位权限 | | boolean | |
| messageStatus | | | | 发送信息权限 | | boolean | |
| updateTime | | | | 更新时间 | | Detatime | |
| imei | | | | 设备 | | 0453566 | |
| detail | | name | | heartrate | | String | |
| desc | | 心率 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 心率值 | | String | |
| unit | | 单位 | | String | |
| name | | heat | | String | |
| desc | | 热量 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 热量值 | | String | |
| unit | | 单位 | | String | |
| name | | pressure | | String | |
| desc | | 血压 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 血压值 | | String | |
| unit | | 单位 | | String | |
| name | | mocrocirculation | | String | |
| desc | | 微循环 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 微循环值 | | String | |
| unit | | 单位 | | String | |
| name | | sleeping | | String | |
| desc | | 睡眠 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 睡眠值 | | String | |
| unit | | 单位 | | String | |
| name | | skindegree | | String | |
| desc | | 肤度 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 肤度值 | | String | |
| unit | | 单位 | | String | |
| name | | crash | | String | |
| desc | | 冲撞 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 冲撞值 | | String | |
| unit | | 单位 | | String | |
| name | | hrv | | String | |
| desc | | 心跳异常 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 心跳异常值 | | String | |
| unit | | 单位 | | String | |
| name | | Step\_when | | String | |
| desc | | 当天步数 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 当天步数值 | | String | |
| unit | | 单位 | | String | |
| name | | qxygen | | String | |
| desc | | 血氧 | | String | |
| category | | 排序 | | int | |
| lastestValue | | 血氧值 | | String | |
| unit | | 单位 | | String | |
| 返回格式太多了，可以使用请求参数查询格式 | | | | | | | | |

## 22)获取用户相关联的设备信息

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | | 类型 |
| userid | | 用户id | 是 | |  | | Int |
| url | | Mozi/equipment/userequipments | | | | | |
| 请求参数:{"userid":"13"} | | | | | | | |
| 返回参数 | | | | | | | |
| message | 注解:  获取获取该用户关联设备成功！！！  该管理员没有对应的设备！！ | | | | | | Stirng |
| code | 状态码：200:成功， 400：失败 | | | | | | int |
| data | id | | | 设备id | | int | |
| imei | | | imei号 | | Stirng | |
| eqStatus | | | 在线状态 | | boolean | |
| eqtype | | | 设备类型（1衣服，2手带，3头带） | | int | |
| createtime | | | 注册时间 | | Datetime | |
| updatetime | | | 最近新时间 | | Datetime | |
| role | | | 角色 | | Stirng | |
| {  "message": "获取获取该用户关联设备成功！！！",  "code": 200,  "data": [  {  "id": 3,  "imei": "425325",  "eqStatus": false,  "eqtype": 1,  "createtime": 1523168392000,  "updatetime": 1523412055000,  "role": "使用者"  },  {  "id": 5,  "imei": "425326",  "eqStatus": false,  "eqtype": 1,  "createtime": 1523347820000,  "updatetime": 1523353415000,  "role": "监护者"  },  {  "id": 5,  "imei": "425326",  "eqStatus": false,  "eqtype": 1,  "createtime": 1523347820000,  "updatetim  "role": "使用者"  }  ]  } | | | | | | | |

## 23)(新增接口)获取设备状态信息

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | | 否必填 | | | 字符长度 | | 类型 |
| userid | | 用户id | | 是 | | |  | | Sting |
| url | | Mozi/usereq/userequipmentstatus | | | | | | | |
| 请求参数: {"userid":"13"} | | | | | | | | | |
| 返回参数 ： | | | | | | | | | |
| data： | | | bluetoothStatus | | 蓝牙状态(连接，未连接) | | | String | |
| messageStatus | | 发送信息权限 | | | boolean | |
| userStatus | | 运动状态 | | | Stirng | |
| aclokStatus | | 闹钟状态 | | | boolean | |
| loactionStatus | | 定位权限 | | | boolean | |
| imei | | 设备名称 | | |  | |
| iconPath | | 头像连接 | | | String | |
| userid | | 用户ID | | |  | |
| deviceEnergy | | 电量 | | | Int | |
| username | | 用户名称 | | | Stirng | |
| message | 注解:  添加紧急联系成功!!!"  添加紧急联系失败！！！ | | | | |  | | | |
| code | 状态码：200:成功， 350：改设备不存在 | | | | |  | | | |
| 399087075149448543  {  "message": "获取设备状态信息成功！！！",  "code": 200,  "data": [  {  "bluetoothStatus": true,  "messageStatus": false,  "userStatus": "跑步",  "aclokStatus": false,  "loactionStatus": false,  "imei": "425325",  "iconPath": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "userid": 13,  "deviceEnergy": 90,  "username": "小明"  },  {  "bluetoothStatus": true,  "messageStatus": false,  "userStatus": "跑步",  "aclokStatus": false,  "loactionStatus": false,  "imei": "861358039515150",  "iconPath": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "userid": 13,  "deviceEnergy": 90,  "username": "小明"  },  {  "bluetoothStatus": true,  "messageStatus": false,  "userStatus": "跑步",  "aclokStatus": false,  "loactionStatus": false,  "imei": "861358039525993",  "iconPath": "http://120.76.201.150:8080/avatars/微信图片\_20180414105000.jpg",  "userid": 13,  "deviceEnergy": 90,  "username": "小明"  }  ]  } | | | | | | | | | |

# 闹钟接口

## 24)添加闹钟

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| clockdate | 闹钟时间 | 是 |  | | Strng |
| current | 闹钟名称 | 是 |  | | Strng |
| imei | Imei | 是 |  | | String |
| frequency | 执行时间（0123456（星期一至七， 7为每天） | 是 |  | | String |
| url | Mozi/clock/addClock | | | | |
| 请求参数:{"clockdate":"11:11","current":"闹钟","imei":"425325","frequency":"每天"} | | | | | |
| 返回参数 : | | | | | |
| message | 注解:  添加闹钟成功！！！  添加闹钟失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败 | | | int | |
| {  "message": "添加闹钟成功！！！",  "code": 200  } | | | | | |

## 25)修改闹钟

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| clockdate | 闹钟时间 | 是 |  | | Strng |
| current | 闹钟名称 | 是 |  | | Strng |
| imei | Imei | 是 |  | | String |
| id | 闹钟唯一标识符 | 是 |  | | String |
| frequency | 执行时间（0123456（星期一至七， 7为每天） | 是 |  | |  |
| url | Mozi/clock/updateClock | | | | |
| 请求参数: {"clockdate":"11:11","current":"闹钟名字","imei":"425325","frequency":"1","status":"1","id":"1"} | | | | | |
| 返回参数 : | | | | | |
| message | 注解:  修改闹钟成功！！！  修改闹钟失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败 | | | int | |
| {  "message": "修改闹钟成功！！！",  "code": 200  } | | | | | |

## 26)删除闹钟

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| id | 闹钟唯一标识符 | 是 |  | | int |
| url | Mozi/clock/deleteClock | | | | |
| 请求参数:{"id":"1"} | | | | | |
| 返回参数: | | | | | |
| message | 注解:  删除闹钟成功！！！  删除闹钟失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败 | | | int | |
| {  "message": "删除闹钟成功！！！",  "code": 200  } | | | | | |

## 27)获取闹钟列表

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | 字符长度 | | 类型 |
| imei | 设备imei | 是 |  | | Strintg |
| url | Mozi/clock/selectclocks | | | | |
| 请求参数:{"imei":"425325"} | | | | | |
| 返回参数 : | | | | | |
| message | 注解:  获取闹钟数据成功！！！  获取闹钟数据失败！！！ | | | String | |
| code | 状态码：200:成功， 400：失败，350 列表为空 | | | int | |
| data | id | | | 闹钟id | |
| clockdate | | | 闹钟时间 | |
| current | | | 闹钟名称 | |
| Imei | | | 设备imei | |
| frequency | | | 执行时间（0123456（星期一至七， 7为每天） | |
| status | | | 执行状态（1，已经执行，0为执行） | |
| cratetime | | | 创建时间 | |
| {  "message": "获取闹钟数据成功！！！",  "code": 200,  "data": [  {  "id": 2,  "clockdate": "9:42",  "current": "闹钟名称",  "imei": "425325",  "frequency": "1,2,3,4,5,6",  "status": "1",  "cratetime": 1521804609000  },  {  "id": 3,  "clockdate": "10:50",  "current": "闹钟名称",  "imei": "425325",  "frequency": "1",  "status": "1",  "cratetime": 1521804643000  },  {  "id": 4,  "clockdate": "11:11",  "current": "闹钟",  "imei": "425325",  "frequency": "7",  "status": "0",  "cratetime": 1524470617000  }  ]  } | | | | | |

## 28)获取设备最新定位信息

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | 备注 | 否必填 | | 字符长度 | | 类型 |
| imei | 设备imei | 是 | |  | |  |
| url | Mozi/positionig/selectimeiPositionig | | | | | |
| 请求参数:{"imei":"425325"} | | | | | | |
| 返回参数: | | | | | | |
| message | 注解:  获取定位信息成功！！！  该设备没有定位信息！！！ | | | | String | |
| code | 状态码：200:成功， 350：失败 | | | | int | |
| data | address | | 省 市 区 | | String | |
| latitude | | 经度 | | String | |
| longitude | | 纬度 | | String | |
| {  "message": "获取定位信息成功！！！",  "code": 200,  "data": {  "address": "省：广东省，市：中山市",  "latitude": "22.3",  "longitude": "113.4"  }  } | | | | | | |

# 额外管理

## 29)用户添加留言

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | 类型 |
| content | | 内容 | 是 | |  | String |
| account | | 账号 | 是 | |  | String |
| url | | Mozi/leave/addleave | | | | |
| 请求参数:{"account":"12533","content":"留言"} | | | | | | |
| 返回参数 | | | | | | |
| message | 注解:  添加留言成功！！！  添加留言失败！！！ | | |  | | |
| code | 状态码：200:成功， 400：失败 | | |  | | |
| {  "message": "添加留言成功！！！",  "code": 200  } | | | | | | |

## 30)用户发送信息给设备

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | 类型 |
| imei | | 设备imei | 是 | |  | String |
| message | | 信息内容 | 是 | |  | String |
| url | | http://localhost:8080/Mozi/chat/sendMessage | | | | |
| 请求参数:{"imei":"425325","message":"信息"} | | | | | | |
| 返回参数: | | | | | | |
| message | 注解:发送信息成功！！！  发送信息失败！！！ | | |  | | |
| code | 状态码：200:成功， 400：失败 | | |  | | |
| {  "message": "发送信息成功！！！",  "code": 200  } | | | | | | |

## 31)获取广告数据

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | | 字符长度 | | 类型 |
| pageNo | | 要获取的页数 | 是默认为0 | | |  | | Int |
| keyword | | 条件 | 否 | | |  | | String |
| url | | http://localhost:8080/Mozi/advertising/applist | | | | | | |
| 请求参数: {"pageNo":"","keyword":""} | | | | | | | | |
| 返回参数: | | | | | | | | |
| message | 注解:  获取广告数据成功！！！！  获取广告数据失败！！！ | | | |  | | | |
| code | 状态码：200:成功， 350：没有广告数据 | | | |  | | | |
| data ls | id | | | id | | | int | |
| managementId | | | 管理员id | | | int | |
| imgVideo | | | 图片或视频 | | | String | |
| title | | | 标题 | | | Sting | |
| content | | | 内容 | | | String | |
| createtime | | | 创建时间 | | | String | |
| {  "message": "获取轮播图片成功！！！",  "code": 200,  "data": [  {  "id": 4,  "managementId": 1,  "img": "http://120.76.201.150:8080/Carousel/微信图片\_20180301155615.png",  "title": "2",  "createtime": 1521698889000  }  ]  } | | | | | | | | |

## 32)获取轮播图片数据

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | | 字符长度 | | 类型 |
| url | | http://localhost:8080/Mozi/carousel/applist | | | | | | |
| 请求参数:{"pageNo":"","keyword":""} | | | | | | | | |
| 返回参数: | | | | | | | | |
| message | 注解:  获取轮播图片成功！！！！  获取轮播图片失败！！！ | | | |  | | | |
| code | 状态码：200:成功， 350：没有轮播图片数据 | | | |  | | | |
| data ls | id | | | id | | | int | |
| managementId | | | 管理员id | | | int | |
| img | | | 图片 | | | String | |
| title | | | 标题 | | | Sting | |
| createtime | | | 创建时间 | | | String | |
| {  "message": "获取广告数据成功！！！",  "code": 200,  "data": [  {  "id": 1,  "managementId": 1,  "imgVideo": "http://120.76.201.150:8080/advertising/微信图片\_20180301155615.png",  "title": "11",  "createtime": 1521691880000,  "content": "11"  }  ]  } | | | | | | | | |

## 33)(没有格式)添加留言

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | | 字符长度 | | 类型 |
| account | | 账号 | 是 | | |  | | Sting |
| content | | 内容 | 是 | | |  | | Sting |
| url | | Mozi/leave/addLeave | | | | | | |
| 返回参数 | | | | | | | | |
| message | 注解:  获取轮播图片成功！！！！  获取轮播图片失败！！！ | | | |  | | | |
| code | 状态码：200:成功， 350：没有轮播图片数据 | | | |  | | | |
| data ls | id | | | id | | | int | |
| managementId | | | 管理员id | | | int | |
| img | | | 图片 | | | String | |
| title | | | 标题 | | | Sting | |
| createtime | | | 创建时间 | | | String | |

## 34)加观察者二维码操作

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | 类型 |
| imei | | imei | 是 | |  | Sting |
| url | | Mozi/qrcode/generateqrcode | | | | |
| 请求参数:{"imei":"425325"} | | | | | | |
| 返回参数: | | | | | | |
| message | 注解:  生成二维码！！！  生成二维码失败！！！ | | |  | | |
| code | 状态码：200:成功， 350：该设备不存在 | | |  | | |
| data | 二维码url | | | | | |
| {  "message": "生成二维码！！！",  "code": 200,  "data": "http://mzstar.com:8080/Mozi/usereq/addqrcodObserved?imei=425325&authorized=已授权&userId="  } | | | | | | |

## 35)添加紧急联系人

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 请求参数 | | 备注 | 否必填 | | 字符长度 | 类型 |
| imei | | 设备 | 是 | |  | Sting |
| url | | Mozi/equipment/addurgent | | | | |
| 请求参数:"phone1":"13539264097","imei":"425325","phone2":"1592930640"} | | | | | | |
| 返回参数 | | | | | | |
| message | 注解:  添加紧急联系成功!!!"  添加紧急联系失败！！！ | | |  | | |
| code | 状态码：200:成功， 350：改设备不存在 | | |  | | |
| {  "message": "添加紧急联系成功!!!",  "code": 200  } | | | | | | |