排课系统1.0 数据库结构

1、组织Organization

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| property | propose | type | value | remark |
| id | ID | ObjectId |  |  |
| name | 组织名 | String | ‘技术中心’ |  |
| createdAt | 创建时间 | Date | 1403149671951 |  |
| users | 用户id列表 | Array | [‘id1’,’id2’,’id3’] |  |
| parent | 父组织id | ObjectId | 同id | 如果为根组织则为空’’ |

2、用户User

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| property | propose | type | value | remark |
| id | ID | ObjectId |  |  |
| userName | 登录名 | String | ‘testuser’ | 唯一 |
| name | 姓名 | String | ‘金桥’ |  |
| password | 密码 | String | ‘123444’ | MD5加密 |
| email | 邮箱 | String | ‘testuser@shgbit.com’ |  |
| mobilePhone | 手机号码 | String | ‘13400008888’ |  |
| telephone | 固话 | String | ‘02169698888’ |  |
| housePhone | 内线 | String | ‘7878’ |  |
| Authorities | 权限id列表 | Array | [‘id1’,’id2’,’id3’] |  |
| createdAt | 创建时间 | Date | 1403149671951 |  |
| organization | 组织 | ObjectId | 组织id | 所属组织id |
| address | 联系地址 | String | ‘田林路’ |  |
| gender | 性别 | Number | 1 | 1:男0:女 |

3、权限Authority

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| property | propose | type | value | remark |
| id | ID | ObjectId |  |  |
| name | 权限名称 | String | ‘排课’ |  |
| createdAt | 创建时间 | Date | 1403149671951 |  |

4、教室Room

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| property | propose | type | value | remark |
| id | ID | ObjectId |  |  |
| name | 教室名称 | String | ‘301’ |  |
| createdAt | 创建时间 | Date | 1403149671951 |  |
| updatedAt | 更新时间 | Date | 1403149671951 |  |
| capacity | 人数 | Number | 100 |  |
| status | 会议室状态 | Number | 9 | 9:逻辑删除，默认0:没有删除 |
| remark | 备注 | String | ‘备注’ |  |

5、课程Course

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| property | propose | | type | value | remark |
| id | ID | ObjectId | |  |  |
| name | 课程名称 | String | | ‘程序设计基础’ |  |
| remark | 备注 | String | | ‘备注’ |  |
| teacher | 老师 | Object | | ‘{name:””,email:””,phone:””,gender:1}’ | 1:男 0:女（gender） |
| status | 课程状态 | Number | | 0 | 默认0：没有状态，9：删除 |
| createdAt | 创建时间 | Date | | 1403149671951 |  |
| UpdatedAt | 更新时间 | Date | | 1403149671951 |  |
| detail | 课程明晰 | String | | ‘’ |  |
| startDateTime | 开始日期时间 | String | | ‘’ | 日期时间都带得字段 |
| endDateTime | 结束日期时间 | String | | ‘’ | 日期时间都带得字段 |
| courseDate | 开始日期 | String | | ‘’ | 只有日期 |
| startTime | 开始时间 | String | | ‘’ | 只有时间 |
| endTime | 结束时间 | String | | ‘’ | 只有时间 |
| courser | 预约人ID | Array | | ［id,id］ |  |
| room | 教室ID | ObjectId | | id（room） |  |