

GatCoin 前后端接口文档

1. Student 操作

服务器数据库集合Student形式

```
{
  "_id" : ObjectId("5146bb52d8524270060001f3"),
  "openid": "xxxxxxxxxxxxxxxxxx",
  "stuId": "1500012758",
  "stuName": "xxxx"
}
```

接口

1. 完善信息

前端：

```
url : /student/complete
method: post
```

字段：

openid

stuId — 学生填写的学号 (String) ,可以复用我在util.js里写的islegal () 函数判断是否合法

stuName — 学生填写的姓名

后端：

```
response_code : 0|1
```

2. 查看信息(学号和姓名)

前端：

```
URL : /student/personalinfo
post
openid
```

后端：

```

{
  "response_code" : 0
}

{
  "response_code": 1,
  "_id" : ObjectId("5146bb52d8524270060001f3"),
  "openid": "xxxxxxxxxxxxxxxx",
  "stuId": "1500012758",
  "stuName": "xxxx"
}

```

3. 登录

前端:

```

URL: /student/login
post
code

```

后端:

```

{
  "openid ":" " ,
  "exist":0|1
}

```

4. 查看签到(返回的是签到记录列表)

前端:

url: /student/registerinfo

post

字段:

openid

后端:

```

{
  "response_code":0
}

{
  "response_code":1,
  [{
    "registerId": 123, "stuName": "zzy",
    "openid": "asdads", "stuId": "1111",
    "courseId": 1223, "courseName": "ICS",
    "timestamp":...
  },
  {
    "registerId": 124,
    "openid": "asdads",
    "courseId": 1223,
    "timestamp":...
  },
  ...
]
}

```

5. 签到

前端：

URL:/student/register

post

字段：

openid

courseId

timestamp (签到的时间)

begin_timestamp(二维码生成时间)

后端：

```

response_code
-2 : 学生不存在
-1 : 课程不存在
0  : 迟到
1  : 成功

```

2. Teacher操作

服务器数据库集合Teacher形式

```
{
  "_id": ObjectId("21214313131311313113313"),
  "teacherId": "213131",
  "password": "admin",
  "teacherName": "边凯归",
  "courses": [
    "Computer Networks",
    "ICS"
  ]
}
```

1. 教师登录

前端:

URL:/teacher/login

post

字段:

teacherId

password(别加密)

后端

```
response_code : 0|1
```

查看所教授的所有课程以及对应的
courseId

2. 查看教师信息

前端: /teacher/info

post

字段:

teacherId

后端:

前端URL: /teacher/courseInfo, POST
传teacherId

后端返回:

```
{"response_code": 0}
```

或

```
{"response_code": 1,
  [
    {
      "courseId": ,
      "courseName":
    },
    {
    },
    .....
  ]
}
```

```
{
  "response_code": 1,
  "_id": ObjectId("21214313131311313113313"),
  "teacherId": "213131",
  "password": "admin",
  "teacherName": "边凯归",
  "courses": [
    "Computer Networks",
    "ICS"
  ]
}

{
  "response_code": 0
}
```

3. 修改密码

前端:

URL:/teacher/resetPassword

post

字段:

teacherId

new_password

old_password

后端:

```
{
  "response_code": -1 (老师不存在) 1 (成功) 0 (密码不正确)
}
```

4. 添加课程

前端:

URL:/teacher/addCourse

post

字段

teacherId

course_name

后端:

```
{
  "response_code": -1(老师不存在) 0(课程已经存在) 1 (成功)
}
```

5. 删除课程

前端:

URL:/teacher/delCourse

post

字段

teacherId

courseId

后端: response_code :0 | 1

6. 查看课程签到记录

前端:

URL:/teacher/registerList

post

字段

course_id

后端:

```
{
  "response_code" :1,
  [{
    "stuName":"ycx",
    "stuID":"1222333",
    "courseName":"ICS",
    "timestamp":"xxx-xx-xx"
  },
  {
    "stuName":"ycx",
    "stuID":"1222333",
    "courseName":"ICS",
    "timestamp":"xxx-xx-xx"
  },
  {
    "stuName":"ycx",
    "stuID":"1222333",
    "courseName":"ICS",
    "timestamp":"xxx-xx-xx"
  },
  ....
}]
```

```
}
```

3. 签到记录操作

服务器数据库集合Register形式

```
{
  "_id": ObjectId("12347817894789147894718744"),
  "registerId": 12331,
  "openid": "xxxxxxx",
  "courseId": 1212,
  "timestamp": "xxx-xx-xx"
}
```

4. 课程集合Courses

服务器数据库集合Courses形式

```
{
  "_id": ObjectId("12122123133133133313133331"),
  "courseName": "Computer Networks",
  "courseId": 001,
  "teacherId": "233131"
}
```