# **接口设计**

## **3.1 状态码规定**

未登录：401  
未授权访问：403  
数据库操作失败：50001  
加密失败：50002  
参数错误：40001

## **3.2接口列表**

注：URL前均省略“/api/v1/”。

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| login | POST | { "uid": 学号, "password": 密码 } | { "code": 0, "data": { "uid": 学号, "identity":教师0、助教1、学生2 }, "msg": "Success" } { "code": 40001, "msg": "账号或密码错误" } | 用户登录 |
| user/information | GET | { "identity": 0、1 } | { "code": 0, "data": { "uid":教师工号或学生学号, "nickname": 昵称, "password":加密密码 }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 个人信息 |
| user/information | GET | { "identity": 2 } | { "code": 0, "data": { "nickname": 姓名, "uid":学号, "student1\_id":结对学生ID,没有则返回"尚未结对" "name":团队名,没有则返回"尚无团队" "password":加密密码 }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 个人信息 |
| user/pairing\_edit | GET | { "uid": 学号 } | { "code": 0, "msg": "结对成功！" } { "code": 0, "msg": "结对失败！对方已结对！" } { "code": 40001, "msg": "数据获取错误" } | 填写结对信息 |
| user/group\_create | GET | { "group\_name": 团队名称 } | { "code": 0, "msg": "创建团队成功！" } { "code": 0, "msg": "创建团队失败！该名称已被使用！" } { "code": 40001, "msg": "数据获取错误" } | 创建团队 |
| user/password\_edit | POST | { "uid": 学号, "password": 密码 } | { "code": 0, "msg": "修改成功！" } { "code": 40001, "msg": "出现错误" } | 修改密码 |
| logout | DELETE |  |  | 用户登出 |
| user/member\_add | GET | { "uid": 学号 } | { "code": 0, "msg": "增加组员成功！" } { "code": 0, "msg": "增加组员失败！该学生已有团队！" } { "code": 0, "msg": "增加组员失败！该用户不为学生！" } { "code": 40001, "msg": "数据获取错误" } | 增加组员 |
| user/member\_delete | GET | { "uid": 学号 } | { "code": 0, "msg": "删除成功！" } { "code": 40001, "msg": "数据出现错误" } | 删除组员 |
| user/evaluation\_create | GET | { "name": 团队名 } | { "code": 0, "ID":评审表ID, "msg": "创建成功！" } { "code": 40001, "msg": "数据出现错误" } | 创建评审表 |
| user/evaluation\_get | GET | { "name": 团队名, "ID":评审表ID } | { "code": 0, "data": { "content": 空, "score":空, "suggest":空, }, "msg": "Success" } { "code": 40001, "msg": "获取错误" } | 获取评审表 |
| user/evaluation\_edit | GET | { "content":内容, "score":分数, "suggest":建议, } | { "code": 0, "msg": "填写成功！" } { "code": 40001, "msg": "数据修改错误！" } | 填写评审表 |
| user/merit\_edit | GET |  | { "code": 0, "msg": "填写成功！" } { "code": 40001, "msg": "数据修改错误！" } | 填写绩效 |
| user/homework | GET | { "uid": 学号 } | { "code": 0, "data": { homework\_list:[ { "title":作业标题, "content":作业内容, "start\_time":开始时间, "end\_time":结束时间, }, { "title":作业标题, "content":作业内容, "start\_time":开始时间, "end\_time":结束时间,  } ] }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 查看作业列表 |
| user/homework\_score | GET | { "uid": 学号 } | { "code": 0, "data": { "total\_score":总分, "homework\_list":[ { "title":作业标题, "content":作业内容, "start\_time":开始时间, "end\_time":结束时间, "score":成绩 }, { "title":作业标题, "start\_time":开始时间, "end\_time":结束时间,  "score":成绩 } ] }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 获取作业列表与对应成绩及总成绩 |
| student/import | POST | PS：暂时不写 |  | 批量导入学生 |
| student/add | POST | { "uid":学号, "name":姓名, "class\_id":班级编号, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 批量添加学生 |
| teacher/create | POST | { "uid":教师编号, "name":姓名, "class\_id":班级编号, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 创建助教 |
| teacher/setclass | POST | { "uid":教师编号, "class\_id":班级编号, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 设置助教的班级 |
| homework/create | POST | { "class\_id":班级编号, "homework\_name":作业名, "homework\_item":[ { item\_id:"评分项编号", item\_name:"评分项名称", item\_comment:"评分项注释", item\_parentID:"评分项父级id",[ TODO ] }  ], } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 创建作业 |
| homework/preview/:id | GET | URL参数 | { "code": 0, "data": { { "homework\_id":作业编号, "item":[ { item\_id:"评分项编号", item\_name:"评分项名称", item\_comment:"评分项注释", item\_parentID:"评分项父级id", }  ], } "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 显示作业预览及评分项 |
| score/edit | POST | { "homework\_id":作业编号, "score":[ { item\_id:"评分项编号", item\_score:"评分项得分", item\_comment:"评分项备注", }  ], "homework\_comment":"作业备注", } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 提交评分结果及备注 |
| homeworkList/get | GET | { "class\_id":班级编号, } | { "code": 0, "data": { "homework\_list":[ { "title":作业标题, } ] }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 获取某班级的作业列表 |
| homework/import | POST | PS：暂时不写 |  | 批量导入作业 |
| admin/password/reset | POST | { "uid":用户账号, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 重置密码 |
| teacher/add | POST | { "uid":教师编号, "name":姓名, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 增加老师 |
| class/create | POST | { "class\_id":班级编号, "class\_name":班级名字, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 创建班级 |
| student/list/:class\_id | GET | URL参数 | { "code": 0, "data": { "stu\_list":[ { "stu\_name":"学生姓名", "stu\_id":"学号" } ] }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 查看班级学生列表 |
| student/class/change | POST | { "uid":学号, "class\_id":班级编号, } | { "code": 0, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 改变学生的班级 |
| teacher/list | GET |  | { "code": 0, "data": { "teacher\_list":[ { "teacher\_name":"老师姓名", "teacher\_id":"老师编号" } ] }, "msg": "Success" } { "code": 40001, "msg": "数据获取错误" } | 查看老师的账号 |