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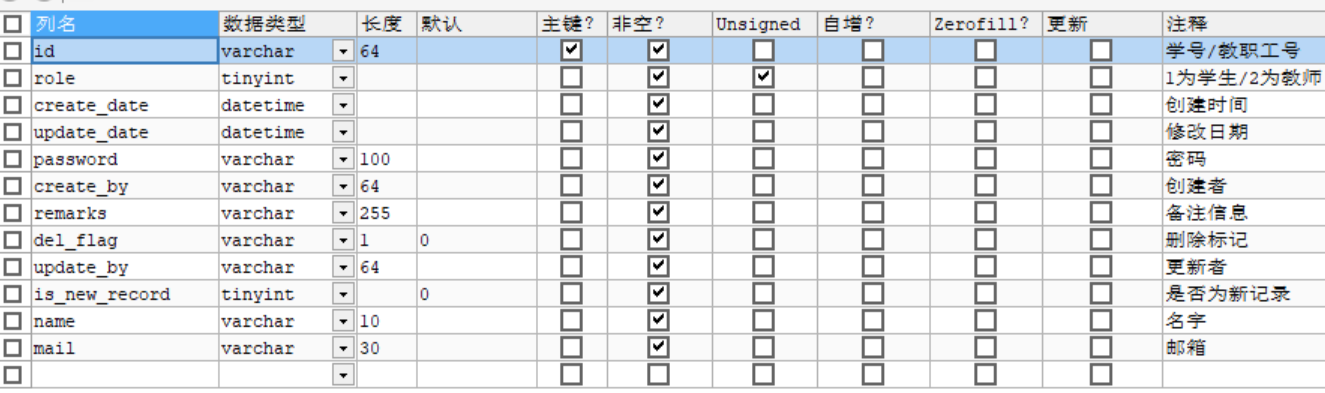
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# 考试服务系统数据库设计

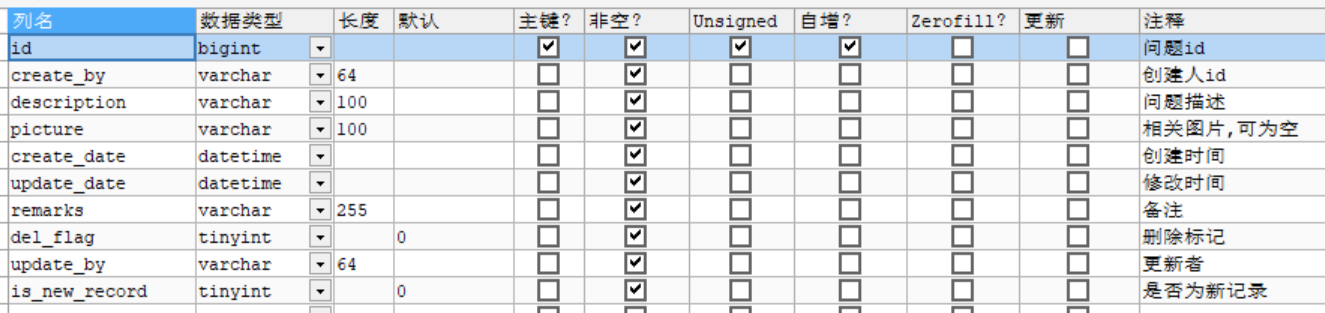
## 用户信息表-表user\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | varchar(64) | 64 | 是 | 是 | 学号/教职工号 |
| role | tinyint unsigned |  | 是 |  | 1为学生/2为教师 |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改日期 |
| password | varchar | 100 | 是 |  | 密码 |
| create\_by | varchar | 64 | 是 |  | 创建者 |
| remarks | varchar | 255 | 是 |  | 备注信息 |
| del\_flag | varchar | 1 | 是 |  | 删除标记 |
| update\_by | varchar | 64 | 是 |  | 更新者 |
| is\_new\_record | tinyint |  | 是 |  | 是否为新记录 |
| name | varchar | 10 | 是 |  | 名字 |
| mail | varchar | 30 | 是 |  | 邮箱 |



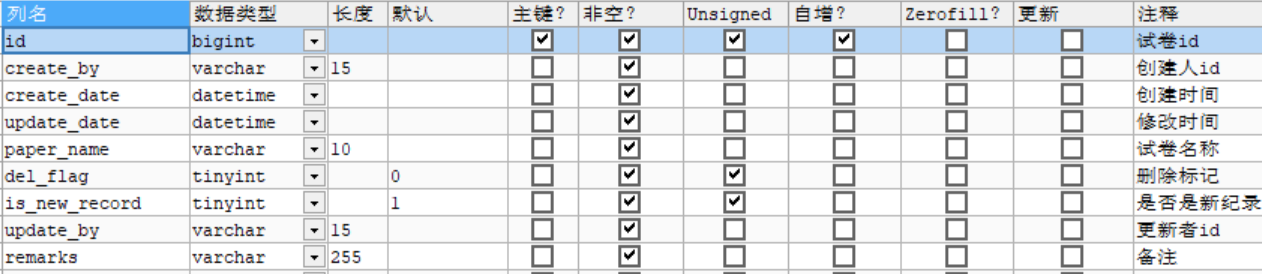
## 题目信息表-表question\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | bigint unsigned |  | 是 | 是 | 问题id |
| create\_by | varchar | 64 | 是 |  | 创建人id |
| description | varchar | 100 | 是 |  | 问题描述 |
| picture | varchar | 100 | 是 |  | 相关图片,可为空 |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改时间 |
| remarks | varchar | 255 | 是 |  | 备注 |
| del\_flag | tinyint |  | 是 |  | 删除标记 |
| update\_by | varchar | 64 | 是 |  | 更新者 |
| is\_new\_record | tinyint |  | 是 |  | 是否为新记录 |



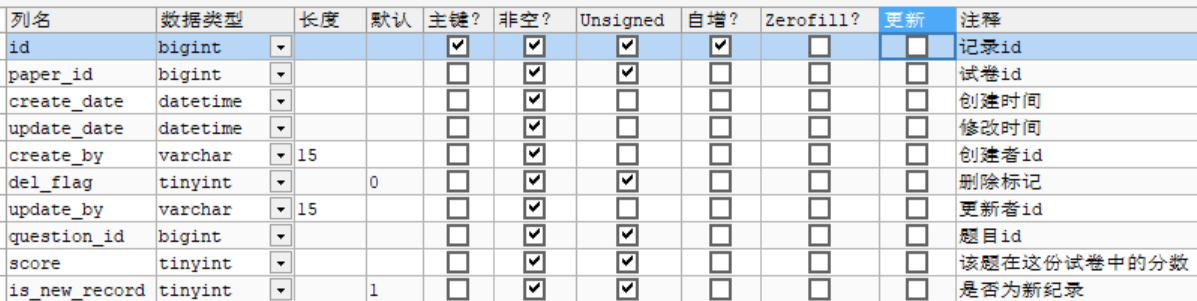
## 试卷信息表-表test\_paper\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | bigint unsigned |  | 是 | 是 | 试卷id |
| create\_by | varchar | 15 | 是 |  | 创建人id |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改时间 |
| paper\_name | varchar | 10 | 是 |  | 试卷名称 |
| del\_flag | tinyint unsigned |  | 是 |  | 删除标记 |
| is\_new\_record | tinyint unsigned |  | 是 |  | 是否是新纪录 |
| update\_by | varchar | 15 | 是 |  | 更新者id |
| remarks | varchar | 255 | 是 |  | 备注 |



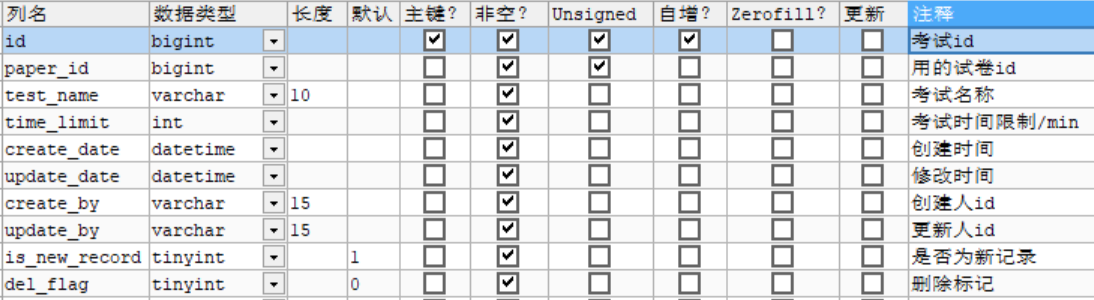
## 题目分组表-表question\_group

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | bigint unsigned |  | 是 | 是 | 记录id |
| paper\_id | bigint unsigned |  | 是 |  | 试卷id |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改时间 |
| create\_by | varchar | 15 | 是 |  | 创建者id |
| del\_flag | tinyint unsigned |  | 是 |  | 删除标记 |
| update\_by | varchar | 15 | 是 |  | 更新者id |
| question\_id | bigint unsigned |  | 是 |  | 题目id |
| score | tinyint unsigned |  | 是 |  | 该题在这份试卷中的分数 |
| is\_new\_record | tinyint unsigned |  | 是 |  | 是否为新纪录 |



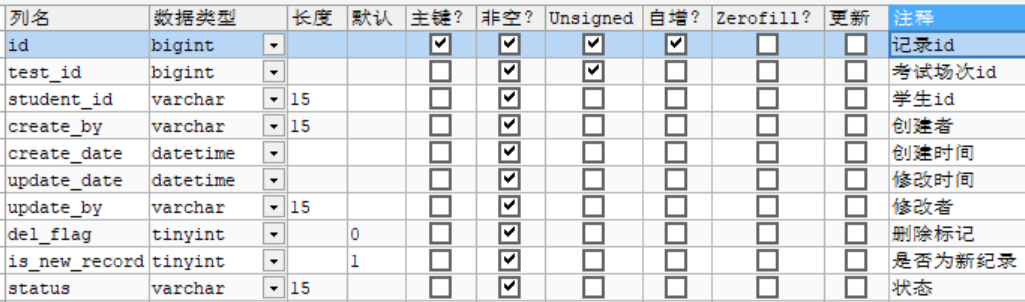
## 考试信息表-表test\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | bigint unsigned |  | 是 | 是 | 考试id |
| paper\_id | bigint unsigned |  | 是 |  | 用的试卷id |
| test\_name | varchar | 10 | 是 |  | 考试名称 |
| time\_limit | int |  | 是 |  | 考试时间限制/min |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改时间 |
| create\_by | varchar | 15 | 是 |  | 创建人id |
| update\_by | varchar | 15 | 是 |  | 更新人id |
| is\_new\_record | tinyint |  | 是 |  | 是否为新记录 |
| del\_flag | tinyint |  | 是 |  | 删除标记 |



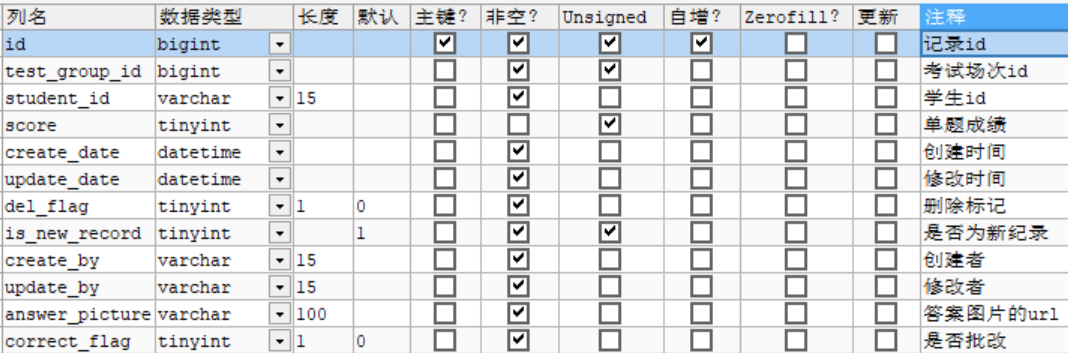
## 考试分组表-表test\_group

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | bigint unsigned |  | 是 | 是 | 记录id |
| test\_id | bigint unsigned |  | 是 |  | 考试场次id |
| student\_id | varchar | 15 | 是 |  | 学生id |
| create\_by | varchar | 15 | 是 |  | 创建者 |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改时间 |
| update\_by | varchar | 15 | 是 |  | 修改者 |
| del\_flag | tinyint |  | 是 |  | 删除标记 |
| is\_new\_record | tinyint |  | 是 |  | 是否为新纪录 |
| status | varchar | 15 | 是 |  | 状态 |



## 批改试卷信息表-表correct\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 字段名 | 类型 | 长度 | 是否非空 | 主键 | 注释 |
| id | bigint unsigned |  | 是 | 是 | 记录id |
| test\_group\_id | bigint unsigned |  | 是 |  | 考试场次id |
| student\_id | varchar | 15 | 是 |  | 学生id |
| score | tinyint unsigned |  | 是 |  | 单题成绩 |
| create\_date | datetime |  | 是 |  | 创建时间 |
| update\_date | datetime |  | 是 |  | 修改时间 |
| del\_flag | tinyint | 1 | 是 |  | 删除标记 |
| is\_new\_record | tinyint unsigned |  | 是 |  | 是否为新纪录 |
| create\_by | varchar | 15 | 是 |  | 创建者 |
| update\_by | varchar | 15 | 是 |  | 修改者 |
| answer\_picture | varchar | 100 | 是 |  | 答案图片的url |
| correct\_flag | tinyint | 1 | 是 |  | 是否批改 |



# 考试服务系统接口设计

## [用户接口](http://localhost:98/swagger-ui.html" \l "!/26234330213492021333319953247920219211532550921475) : User Controller

### 学生列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 学生列表 | | | | |
| 接口描述 | 仅限老师查询学生列表 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| pageNo | int | body | Y | 要获取的页码 |
| **password** | string | header | Y | 密码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | **{**  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-28 21:22:06",  "returnDateTime": "2022-10-28 21:22:07",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 2,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "studentId": "10001",  "name": "李四"  },  {  "studentId": "10002",  "name": "王五"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 学生考试列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 学生考试列表 | | | | |
| 接口描述 | 学生所参加的考试列表 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| pageNo | int | body | Y | 要获取的页码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-28 21:26:18",  "returnDateTime": "2022-10-28 21:26:18",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 3,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "testId": 2,  "testGroupId": 1,  "testName": "大物期中考",  "status": "end"  },  {  "testId": 1,  "testGroupId": 4,  "testName": "大物",  "status": "waitCorrect"  },  {  "testId": 5,  "testGroupId": 5,  "testName": "测试测试测试",  "status": "end"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 教师考试列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 教师考试列表 | | | | |
| 接口描述 | 根据id获取相应task | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| pageNo | int | body | Y | 要获取的页码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-28 21:28:31",  "returnDateTime": "2022-10-28 21:28:32",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 5,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "testId": 1,  "testName": "大物",  "timeLimit": 60,  "createDate": "2022-10-08 18:41:39"  },  {  "testId": 2,  "testName": "大物期中考",  "timeLimit": 2,  "createDate": "2022-10-15 11:30:18"  },  {  "testId": 3,  "testName": "测试用的",  "timeLimit": 60,  "createDate": "2022-10-28 10:01:50"  },  {  "testId": 4,  "testName": "测试用的哈哈哈",  "timeLimit": 60,  "createDate": "2022-10-28 10:03:16"  },  {  "testId": 5,  "testName": "测试测试测试",  "timeLimit": 3,  "createDate": "2022-10-28 15:27:47"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 更改个人邮箱

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 更改个人邮箱 | | | | |
| 接口描述 | 学生老师都可以改 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| newMail | string | body | Y | 新邮箱 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-28 21:40:55",  "requesterId": "未登录",  "item": {  "userInfo": {  "id": "10000",  "updateBy": "10000",  "updateDate": "2022-10-28 21:40:55",  "delFlag": "0",  "mail": "xxxx@qq.com"  }  },  "success": true}  } | | | |

## [考试接口](http://localhost:98/swagger-ui.html" \l "!/26234330213492021333319953247920219211532550921475) : Test Controller

### 新建考试

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 新建考试 | | | | |
| 接口描述 | 仅限教师创建考试 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| paperId | string | body | Y | 选用的试卷id |
| testName | string | body | Y | 考试名称 |
| remarks | string | body | Y | 备注 |
| timeLimit | int | body | Y | 时间限制 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-28 21:55:42",  "requesterId": "未登录",  "item": {  "testInfo": {  "remarks": "测试",  "createBy": "10000",  "createDate": "2022-10-28 21:55:42",  "updateBy": "10000",  "updateDate": "2022-10-28 21:55:42",  "delFlag": "0",  "paperId": 1,  "testName": "测试使用啦啦啦",  "timeLimit": 60  }  },  "success": true}  } | | | |

### 撤销发布考试

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 撤销发布考试 | | | | |
| 接口描述 | 仅限教师撤销发布考试 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testGroupId | long | body | Y | 考试组号 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-28 22:08:38",  "requesterId": "未登录",  "item": {},  "success": true}  } | | | |

### 判断是否发布过

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 判断是否发布过 | | | | |
| 接口描述 | 选择发布的学生时进行判断（单人） | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testId | long | body | Y | 考试id |
| studentId | string | body | Y | 学生id |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 14:14:24",  "requesterId": "未登录",  "item": {  "isExist": true  },  "success": true  } | | | |

### 试卷信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 试卷信息 | | | | |
| 接口描述 | 从考试查看试卷，学生老师均可查看，学生可以提交答案 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testId | long | body | Y | 考试id |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "paperId": 1,  "paperName": "大物A第三章",  "remarks": "小测卷",  "questionList": [  {  "questionId": 1,  "description": "1+1等于几",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/ae8fcd71b407428cb3102cb9cb93ecfc.png",  "score": 10,  "groupId": 1  },  {  "questionId": 2,  "description": "1+666=?",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/34f330e1ff854b0ab9bc937692c7481f.png",  "score": 10,  "groupId": 2  },  {  "questionId": 3,  "description": "2+6=？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/adf13ad5b93c409886cc9c172d16c0d7.png",  "score": 80,  "groupId": 5  },  {  "questionId": 4,  "description": "2+8=？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/c37bb154c0a741b7b69a79860b1c9db4.png",  "score": 20,  "groupId": 6  },  {  "questionId": 5,  "description": "啦啦啦哈哈哈",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/cb7070ea5036467d959e5ea63b57d23f.png",  "score": 30,  "groupId": 7  },  {  "questionId": 6,  "description": "哈哈哈lalala",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/e1388960b0604303b72770e61f66c253.png",  "score": 40,  "groupId": 8  }  ],  "isTeacher": true} | | | |

### 教师查看自己发布的考试

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 教师查看自己发布的考试 | | | | |
| 接口描述 | 仅限教师查看自己发布的考试信息 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| pageNo | Int | body | Y | 要获得的页码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 14:24:09",  "returnDateTime": "2022-10-29 14:24:10",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 4,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "testGroupId": 1,  "testName": "大物期中考",  "stuName": "李四",  "stuId": "10001",  "status": "end"  },  {  "testGroupId": 2,  "testName": "大物期中考",  "stuName": "王五",  "stuId": "10002",  "status": "waitCorrect"  },  {  "testGroupId": 4,  "testName": "大物",  "stuName": "李四",  "stuId": "10001",  "status": "waitCorrect"  },  {  "testGroupId": 5,  "testName": "测试测试测试",  "stuName": "李四",  "stuId": "10001",  "status": "end"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 发布考试

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 发布考试 | | | | |
| 接口描述 | 仅限教师发布考试 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testId | long | body | Y | 考试id |
| idList | array[string] | body | Y | 学生id数组 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-28 22:08:38",  "requesterId": "未登录",  "item": {},  "success": true}  } | | | |

### 学生开始考试

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 学生开始考试 | | | | |
| 接口描述 | 学生开始考试接口 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testGroupId | long | body | Y | 考试组号 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-28 22:08:38",  "requesterId": "未登录",  "item": {},  "success": true}  } | | | |

### 提交答案

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 提交答案 | | | | |
| 接口描述 | 学生提交答案接口 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testGroupId | long | body | Y | 考试组号 |
| file | file | body | Y | 答案图片 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-28 22:08:38",  "requesterId": "未登录",  "item": {},  "success": true}  } | | | |

### 已提交答案的试卷信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 已提交答案的试卷信息 | | | | |
| 接口描述 | 获得已提交答案的试卷信息，若correctFlag为true，显示批改完，可显示成绩，false为待批改，不显示成绩 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| testGroupId | long | body | Y | 考试组号 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "detailedTestPaperVO": {  "paperId": 1,  "paperName": "大物A第三章",  "remarks": "小测卷",  "questionList": [  {  "questionId": 1,  "description": "1+1等于几",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/ae8fcd71b407428cb3102cb9cb93ecfc.png",  "score": 10,  "groupId": 1  },  {  "questionId": 2,  "description": "1+666=?",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/34f330e1ff854b0ab9bc937692c7481f.png",  "score": 10,  "groupId": 2  },  {  "questionId": 3,  "description": "2+6=？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/adf13ad5b93c409886cc9c172d16c0d7.png",  "score": 80,  "groupId": 5  },  {  "questionId": 4,  "description": "2+8=？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/c37bb154c0a741b7b69a79860b1c9db4.png",  "score": 20,  "groupId": 6  },  {  "questionId": 5, | | | |

## [试卷批改接口](http://localhost:98/swagger-ui.html" \l "!/26234330213492021333319953247920219211532550921475) : Correct Controller

### 待批改试卷列表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 待批改试卷列表 | | | | |
| 接口描述 | 获得待批改试卷的列表 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| pageNo | Int | body | Y | 要获得的页码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 14:46:48",  "returnDateTime": "2022-10-29 14:46:48",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 5,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "testGroupId": 2,  "stuName": "王五",  "stuId": "10002",  "testName": "大物期中考",  "submitTime": "2022-10-16 20:41:21"  },  {  "testGroupId": 5,  "stuName": "李四",  "stuId": "10001",  "testName": "测试测试测试",  "submitTime": "2022-10-28 15:37:12"  },  {  "testGroupId": 4,  "stuName": "李四",  "stuId": "10001",  "testName": "大物",  "submitTime": "2022-10-28 15:44:43"  },  {  "testGroupId": 4,  "stuName": "李四",  "stuId": "10001",  "testName": "大物",  "submitTime": "2022-10-28 15:47:58"  },  {  "testGroupId": 6,  "stuName": "李四",  "stuId": "10001",  "testName": "测试用的哈哈哈",  "submitTime": "2022-10-29 14:33:30"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 评分

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 评分 | | | | |
| 接口描述 | 为学生的答案评分 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| correctId | long | body | Y | 改的试卷id |
| score | int | body | Y | 成绩 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-29 14:54:47",  "requesterId": "未登录",  "item": {},  "success": true} | | | |

## [试卷接口](http://localhost:98/swagger-ui.html" \l "!/26234330213492021333319953247920219211532550921475) : Test Paper Controller

### 新建试卷

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 新建试卷 | | | | |
| 接口描述 | 仅限教师创建试卷 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数类型 | 是否必填 | 说明 |
| paperName | string | body | Y | 试卷名称 |
| remarks | string | body | Y | 备注 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 15:01:27",  "requesterId": "未登录",  "item": {  "testPaperInfo": {  "remarks": "测试创建的",  "createBy": "10000",  "createDate": "2022-10-29 15:01:27",  "updateBy": "10000",  "updateDate": "2022-10-29 15:01:27",  "delFlag": "0",  "paperName": "c++笔试卷"  }  },  "success": true} | | | |

### 对试卷增加题目

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 对试卷增加题目 | | | | |
| 接口描述 | 仅教师增加试题 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| idList | array[long] | body | Y | 题目id数组 |
| scoreList | array[int] | body | Y | 题目分数数组 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-29 15:08:00",  "requesterId": "未登录",  "item": {},  "success": true} | | | |

### 对试卷删除题目

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 对试卷删除题目 | | | | |
| 接口描述 | 仅限教师删除试题 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| groupIdList | array[long] | body | Y | 题目groupId数组 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-29 15:08:00",  "requesterId": "未登录",  "item": {},  "success": true} | | | |

### 试卷信息

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 试卷信息 | | | | |
| 接口描述 | 教师查看试卷通道 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| paperId | long | body | Y | 试卷id |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "paperId": 5,  "paperName": "c++笔试卷",  "remarks": "测试创建的",  "questionList": [  {  "questionId": 1,  "description": "1+1等于几",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/ae8fcd71b407428cb3102cb9cb93ecfc.png",  "score": 25,  "groupId": 13  },  {  "questionId": 2,  "description": "1+666=?",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/34f330e1ff854b0ab9bc937692c7481f.png",  "score": 25,  "groupId": 14  }  ],  "isTeacher": true} | | | |

### 判断试题添加

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 判断试题添加 | | | | |
| 接口描述 | 往试卷里头添加试题时进行判断（单题） | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| paperId | long | body | Y | 试卷id |
| **password** | string | header | Y | 密码 |
| **questionId** | long | body | Y | 题目id |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 15:32:42",  "requesterId": "未登录",  "item": {  "isExist": true  },  "success": true} | | | |

### 试卷库

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 试卷库 | | | | |
| 接口描述 | 仅限教师查询试卷库 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| pageNo | Int | body | Y | 要获得的页码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 15:36:01",  "returnDateTime": "2022-10-29 15:36:01",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 5,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "paperId": 1,  "teacherName": "张三",  "testName": "大物A第三章"  },  {  "paperId": 2,  "teacherName": "张三",  "testName": "垃圾试卷"  },  {  "paperId": 3,  "teacherName": "张三",  "testName": "高考模拟试卷"  },  {  "paperId": 4,  "teacherName": "张三",  "testName": "啊啊啊很垃圾"  },  {  "paperId": 5,  "teacherName": "张三",  "testName": "c++笔试卷"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 修改试卷题目分数

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 修改试卷题目分数 | | | | |
| 接口描述 | 仅限教师修改试题分数 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| groupIdList | array[long] | body | Y | 题目所属id数组 |
| scoreList | array[int] | body | Y | 题目分数数组 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-29 15:08:00",  "requesterId": "未登录",  "item": {},  "success": true} | | | |

## [题目接口](http://localhost:98/swagger-ui.html" \l "!/26234330213492021333319953247920219211532550921475) : Question Controller

### 新建题目

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 新建题目 | | | | |
| 接口描述 | 仅限教师创建题目 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| description | string | body | Y | 问题描述 |
| file | file | body | N | 图片 |
| remarks | string | body | Y | 备注 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 15:47:07",  "returnDateTime": "2022-10-29 15:47:11",  "requesterId": "未登录",  "item": {  "questionInfo": {  "remarks": "测试",  "createBy": "10000",  "createDate": "2022-10-29 15:47:11",  "updateBy": "10000",  "updateDate": "2022-10-29 15:47:11",  "delFlag": "0",  "description": "我帅不帅？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/ce154e11ccd34eaa9b0f81d22d0034a1.png"  }  },  "success": true} | | | |

### 删除题目

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 删除题目 | | | | |
| 接口描述 | 仅限教师删除题目 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| questionId | string | body | Y | 题目id |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "receiptDateTime": "2022-10-29 15:08:00",  "requesterId": "未登录",  "item": {},  "success": true} | | | |

### 单题题目详情

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 单题题目详情 | | | | |
| 接口描述 | 根据id查询题目详情 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| questionId | string | body | Y | 题目id |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "id": 1,  "description": "1+1等于几",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/ae8fcd71b407428cb3102cb9cb93ecfc.png",  "creator": "10000",  "isTeacher": true,  "createDate": "2022-10-03 20:21:36"} | | | |

### 题库

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 题库 | | | | |
| 接口描述 | 仅限教师查询题库 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| pageNo | Int | body | Y | 要获得的页码 |
| pageSize | int | body | Y | 要获得的页面数据数量 |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 15:58:03",  "returnDateTime": "2022-10-29 15:58:03",  "requesterId": "未登录",  "page": {  "pageNo": 1,  "pageSize": 5,  "count": 9,  "first": 0,  "last": 0,  "prev": 0,  "next": 0,  "firstPage": false,  "lastPage": false,  "length": 8,  "slider": 1,  "list": [  {  "questionId": 1,  "description": "1+1等于几",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/ae8fcd71b407428cb3102cb9cb93ecfc.png"  },  {  "questionId": 2,  "description": "1+666=?",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/34f330e1ff854b0ab9bc937692c7481f.png"  },  {  "questionId": 3,  "description": "2+6=？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/adf13ad5b93c409886cc9c172d16c0d7.png"  },  {  "questionId": 4,  "description": "2+8=？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/c37bb154c0a741b7b69a79860b1c9db4.png"  },  {  "questionId": 5,  "description": "啦啦啦哈哈哈",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/cb7070ea5036467d959e5ea63b57d23f.png"  }  ],  "orderBy": "",  "maxResults": 5,  "firstResult": 0  },  "success": true} | | | |

### 修改题目

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 修改题目 | | | | |
| 接口描述 | 仅限教师修改试题 | | | |
| URL |  | | | |
| 参数名 | 数据类型 | 参数名 | 是否必填 | 说明 |
| description | string | body | Y | 问题描述 |
| file | file | body | N | 图片 |
| remarks | string | body | Y | 备注 |
| questionId | long | body | Y | 修改的题目id |
| **password** | string | header | Y | 密码 |
| **userId** | string | header | Y | 用户id |
| 示例 | | | | |
| 请求参数 |  | | | |
| 返回值 | {  "msgCode": 0,  "errMsg": "请求成功.",  "receiptDateTime": "2022-10-29 15:59:56",  "returnDateTime": "2022-10-29 15:59:59",  "requesterId": "未登录",  "item": {  "questionInfo": {  "id": "4",  "remarks": "测试",  "updateBy": "10000",  "updateDate": "2022-10-29 15:59:59",  "delFlag": "0",  "description": "我帅不帅？",  "picture": "https://bucketofpicture.oss-cn-hangzhou.aliyuncs.com/be76874c1898422596a7749331b3f25f.png"  }  },  "success": true} | | | |