

家教平台前后端接口

Base URLs:

Authentication

UserInfoController - 用户信息管理控制器

GET 查询用户个人信息接口

GET /api/user/info/user

返回示例

200 Response

```
1 {
2   "userId": "",
3   "username": "",
4   "email": "",
5   "userType": "",
6   "createTime": ""
7 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityUserInfoVO

GET 获取学生信息

GET /api/user/info/student

请求参数

名称	位置	类型	必选	说明
userId	query	integer	否	none

返回示例

200 Response

```
1 {
2   "name": "",
3   "gender": "",
4   "grade": "",
5   "subject": "",
6   "address": "",
7   "phone": "",
8   "score": 0,
9   "hobby": "",
10  "goal": "",
11  "addition": ""
12 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityStudentInfoVO

GET 获取教师信息

GET /api/user/info/teacher

请求参数

名称	位置	类型	必选	说明
userId	query	integer	否	none

返回示例

200 Response

```
1 {
2   "name": "",
3   "gender": "",
4   "education": "",
5   "teachGrade": "",
6   "subject": "",
7   "address": "",
8   "phone": "",
9   "experience": 0,
10  "score": 0,
11  "hobby": "",
12  "school": "",
13  "addition": ""
14 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityTeacherInfoVO

POST 修改用户个人信息接口

POST /api/user/update/user

Body 请求参数

```
1 {
2     "userId": 0,
3     "username": "string",
4     "password": "string",
5     "email": "user@example.com",
6     "userType": "TEACHER"
7 }
```

请求参数

名称	位置	类型	必选	说明
body	body	UserInfoUpdateDTO	否	none

返回示例

200 Response

```
1 {
2     "userId": "",
3     "username": "",
4     "email": "",
5     "userType": "",
6     "createTime": ""
7 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityUserInfoVO

POST 修改教师个人信息接口

POST /api/user/update/teacher

Body 请求参数

```
1 {
2     "userId": 0,
3     "name": "string",
4 }
```

```

4    "gender": "MALE",
5    "education": "string",
6    "teachGrade": "string",
7    "subject": "string",
8    "address": "string",
9    "phone": "string",
10   "experience": 0,
11   "score": 0,
12   "hobby": "string",
13   "school": "string",
14   "addition": "string"
15 }

```

请求参数

名称	位置	类型	必选	说明
body	body	TeacherInfoUpdateDTO	否	none

返回示例

200 Response

```

1  {
2    "name": "",
3    "gender": "",
4    "education": "",
5    "teachGrade": "",
6    "subject": "",
7    "address": "",
8    "phone": "",
9    "experience": 0,
10   "score": 0,
11   "hobby": "",
12   "school": "",
13   "addition": ""
14 }

```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityTeacherInfoVO

POST 修改学生个人信息接口

POST /api/user/update/student

Body 请求参数

```
1  {
2    "userId": 0,
3    "name": "string",
4    "gender": "MALE",
5    "grade": "string",
6    "subject": "string",
7    "address": "string",
8    "phone": "string",
9    "score": 0,
10   "hobby": "string",
11   "goal": "string",
12   "addition": "string"
13 }
```

请求参数

名称	位置	类型	必选	说明
body	body	StudentInfoUpdateDTO	否	none

返回示例

200 Response

```
1 {
2   "name": "",
3   "gender": "",
4   "grade": "",
5   "subject": "",
6   "address": "",
7   "phone": "",
8   "score": 0,
9   "hobby": "",
10  "goal": "",
11  "addition": ""
12 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityStudentInfoVO

UserInteractionController-用户状态管理类

POST 评价，不关心id，要提供被评价的id

POST /api/interaction/judge

Body 请求参数

```
1 {
2   "userId": 0,
3   "judgeId": 0,
4   "content": "string"
5 }
```

请求参数

名称	位置	类型	必选	说明
body	body	JudgeUserDTO	否	none

返回示例

200 Response

```
1 true
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	boolean

GET 查询评价,id=-1代表当前用户

GET /api/interaction/queryjudge

请求参数

名称	位置	类型	必选	说明
id	query	integer	是	评价对象id

返回示例

200 Response

```
1 [
2   {
3     "fromId": 0,
4     "content": ""
5   }
6 ]
```


返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	Inline

返回数据结构

状态码 **200**

评价信息

名称	类型	必选	约束	中文名	说明
<i>anonymous</i>	[ListUserCommentVO]	false	none		评价信息
» fromId	integer(int64)	false	none		none
» content	string	false	none		none

ChatController - 聊天控制器

POST 创建或进入私聊会话

POST /api/chat/sessions

请求参数

名称	位置	类型	必选	说明
targetUserId	query	integer	是	目标用户ID（必须传）

返回示例

200 Response

```
1  {
2    "sessionId": 0,
3    "teacherUserId": 0,
4    "studentUserId": 0,
5    "teacherName": "",
6    "studentName": "",
7    "createTime": "",
8    "lastMessageContent": "",
9    "lastMessageTime": "",
10   "unreadMsgCount": 0
11 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityChatSessionVO

GET 获取用户的会话列表

GET /api/chat/sessions

请求参数

名称	位置	类型	必选	说明
page	query	integer	是	none
size	query	integer	是	none

返回示例

200 Response

```
1  {
2    "content": [
3      {
4        "sessionId": 0,
5        "teacherUserId": 0,
6        "studentUserId": 0,
7        "teacherName": "",
8        "studentName": "",
```

```
9      "createTime": "",
10      "lastMessageContent": "",
11      "lastMessageTime": "",
12      "unreadMsgCount": 0
13    }
14  ],
15  "pageable": {
16    "paged": false,
17    "unpaged": false,
18    "pageNumber": 0,
19    "pageSize": 0,
20    "offset": 0,
21    "sort": [
22      {
23        "direction": "",
24        "property": "",
25        "ignoreCase": false,
26        "nullHandling": "",
27        "ascending": false,
28        "descending": false
29      }
30    ]
31  },
32  "total": 0,
33  "empty": false,
34  "number": 0,
35  "size": 0,
36  "numberOfElements": 0,
37  "sort": [
38    {
39      "direction": "",
40      "property": "",
41      "ignoreCase": false,
42      "nullHandling": "",
43      "ascending": false,
44      "descending": false
45    }
46  ],
47  "first": false,
48  "last": false,
49  "totalPages": 0,
50  "totalElements": 0
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityPageChatSessionVO

POST 发送消息

POST /api/chat/messages

Body 请求参数

```
1 {
2   "sessionId": 0,
3   "senderId": 0,
4   "receiverId": 0,
5   "content": "string"
6 }
```

请求参数

名称	位置	类型	必选	说明
body	body	ChatMessageDTO	否	none

返回示例

200 Response

```
1  {
2    "messageId": 0,
3    "sessionId": 0,
4    "senderId": 0,
5    "receiverId": 0,
6    "senderName": "",
7    "receiverName": "",
8    "content": "",
9    "createTime": "",
10   "pos": ""
11 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityChatMessageVO

GET 获取会话消息历史

GET /api/chat/messages

请求参数

名称	位置	类型	必选	说明
sessionId	query	integer	是	none
page	query	integer	是	none
size	query	integer	是	none

返回示例

200 Response

```
1  {
2    "content": [
3      {
4        "messageId": 0,
5        "sessionId": 0,
6        "senderId": 0,
7        "receiverId": 0,
```

```
8      "senderName": "",
9      "receiverName": "",
10     "content": "",
11     "createTime": "",
12     "pos": ""
13   }
14 ],
15   "pageable": {
16     "paged": false,
17     "unpaged": false,
18     "pageNumber": 0,
19     "pageSize": 0,
20     "offset": 0,
21     "sort": [
22       {
23         "direction": "",
24         "property": "",
25         "ignoreCase": false,
26         "nullHandling": "",
27         "ascending": false,
28         "descending": false
29       }
30     ]
31   },
32   "total": 0,
33   "empty": false,
34   "number": 0,
35   "size": 0,
36   "numberOfElements": 0,
37   "sort": [
38     {
39       "direction": "",
40       "property": "",
41       "ignoreCase": false,
42       "nullHandling": "",
43       "ascending": false,
44       "descending": false
45     }
46   ],
47   "first": false,
48   "last": false,
49   "totalPages": 0,
```

```
50     "totalElements": 0
51 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityPageChatMessageVO

GET 获取当前用户所有未读消息

GET /api/chat/UnreadMsgCount

返回示例

200 Response

```
1 0
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	integer

DELETE 删除会话

DELETE /api/chat/deleteSession

Body 请求参数

```
1 0
```

请求参数

名称	位置	类型	必选	说明
body	body	integer	否	none

返回示例

200 Response

```
1 {}
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	Inline

返回数据结构

AiController - AI接口

GET 获取AI的回答,输入提问，返回答案

GET /api/deepseek/ask

请求参数

名称	位置	类型	必选	说明
question	query	string	是	none

返回示例

200 Response

```
1 "string"
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	string

POST 获取AI的回答,输入提问，返回答案

POST /api/deepseek/generate

Body 请求参数

```
1 {
2   "prompt": "string"
3 }
```

请求参数

名称	位置	类型	必选	说明
body	body	AiRequestDTO	否	none

返回示例

200 Response

```
1 "string"
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	string

GET ai评价文本，生成-1号用户给当前用户的评价

GET /api/deepseek/fetch-ai-data

异步处理数据，生成用户的评价文本，保存数据到数据库,使用python脚本这个评价作为-1号用户给当前用户的评价，参考了用户的信息

返回示例

200 Response

```
1 "string"
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	string

FileUploadController - 文件上传控制器

POST 多文件上传接口

POST /api/file/uploadfile

Body 请求参数

```
1 files: string
2
```

请求参数

名称	位置	类型	必选	说明
body	body	object	否	none
» files	body	string(binary)	是	要上传的文件数组

返回示例

200 Response

```
1 [
2     ....
3 ]
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	Inline

返回数据结构

状态码 **200**

文件访问URL列表

名称	类型	必选	约束	中文名	说明
----	----	----	----	-----	----

POST 上传头像

POST /api/file/uploadavatar

Body 请求参数

```
1 file: string
2
```

请求参数

名称	位置	类型	必选	说明
body	body	object	否	none
» file	body	string(binary)	是	none

返回示例

200 Response

```
1 "string"
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	string

GET 获取用户文件列表接口

GET /api/file/list

请求参数

名称	位置	类型	必选	说明
userId	query	integer	否	none

返回示例

200 Response

```
1  [  
2    ""  
3  ]
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	Inline

返回数据结构

状态码 **200**

文件访问URL列表

名称	类型	必选	约束	中文名	说明
----	----	----	----	-----	----

GET listUserAvatar

GET /api/file/listavatar

请求参数

名称	位置	类型	必选	说明
userId	query	integer	是	none

返回示例

200 Response

```
1 "string"
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	string

MatchController - 匹配相关

GET 保存带有向量的用户信息。

GET /api/match/save

返回示例

200 Response

```
1 "string"
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	string

POST 根据学生信息获取 AI 排序后的教师列表。

POST /api/match/teachers/ai

Body 请求参数

```
1 {
2   "userId": 0,
3   "subject": "string",
4   "grade": "string",
5   "minScore": 80,
6   "page": 0,
7   "size": 10
8 }
```

请求参数

名称	位置	类型	必选	说明
body	body	MatchStudentDTO	否	none

返回示例

200 Response

```
1 {
2   "content": [
3     {
4       "userId": 0,
5       "username": "",
6       "gender": "",
7       "education": "",
8       "teachGrade": "",
9       "subject": "",
10      "score": 0,
11      "experience": 0,
12      "hobby": ""
13    }
14  ],
15  "pageable": {
16    "paged": false,
17    "unpaged": false,
18    "pageNumber": 0,
```

```

19     "pageSize": 0,
20     "offset": 0,
21     "sort": [
22         {
23             "direction": "",
24             "property": "",
25             "ignoreCase": false,
26             "nullHandling": "",
27             "ascending": false,
28             "descending": false
29         }
30     ],
31 },
32 "total": 0,
33 "empty": false,
34 "number": 0,
35 "size": 0,
36 "numberOfElements": 0,
37 "sort": [
38     {
39         "direction": "",
40         "property": "",
41         "ignoreCase": false,
42         "nullHandling": "",
43         "ascending": false,
44         "descending": false
45     }
46 ],
47 "first": false,
48 "last": false,
49 "totalPages": 0,
50 "totalElements": 0
51 }

```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityPageMatchTeacherVO

POST 根据教师信息获取 AI 排序后的学生列表。

POST /api/match/students/ai

Body 请求参数

```
1 {
2   "userId": 0,
3   "subject": "string",
4   "grade": "string",
5   "minScore": 4.5,
6   "page": 0,
7   "size": 10
8 }
```

请求参数

名称	位置	类型	必选	说明
body	body	MatchTeacherDTO	否	none

返回示例

200 Response

```
1 {
2   "content": [
3     {
4       "userId": 0,
5       "username": "",
6       "gender": "",
7       "grade": "",
8       "subject": "",
9       "score": 0,
10      "hobby": "",
11      "goal": ""
12    }
13  ],
14  "pageable": {
15    "paged": false,
16    "unpaged": false,
17    "pageNumber": 0,
18    "pageSize": 0,
```



```

19     "offset": 0,
20     "sort": [
21         {
22             "direction": "",
23             "property": "",
24             "ignoreCase": false,
25             "nullHandling": "",
26             "ascending": false,
27             "descending": false
28         }
29     ],
30 },
31 "total": 0,
32 "empty": false,
33 "number": 0,
34 "size": 0,
35 "numberOfElements": 0,
36 "sort": [
37     {
38         "direction": "",
39         "property": "",
40         "ignoreCase": false,
41         "nullHandling": "",
42         "ascending": false,
43         "descending": false
44     }
45 ],
46 "first": false,
47 "last": false,
48 "totalPages": 0,
49 "totalElements": 0
50 }

```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityPageMatchStudentVO

AuthController - 统一认证控制器

POST 用户注册接口

POST /api/auth/register

Body 请求参数

```
1 {
2   "username": "string",
3   "password": "string",
4   "email": "user@example.com",
5   "userType": "TEACHER"
6 }
```

请求参数

名称	位置	类型	必选	说明
body	body	RegisterDTO	否	none

返回示例

200 Response

```
1 {
2   "userId": 0,
3   "username": "",
4   "userType": "",
5   "token": ""
6 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityAuthResponseVO

POST 用户登录接口

POST /api/auth/login

Body 请求参数

```
1 {
2   "username": "string",
3   "password": "string"
4 }
```

请求参数

名称	位置	类型	必选	说明
body	body	LoginDTO	否	none

返回示例

200 Response

```
1 {
2   "userId": 0,
3   "username": "",
4   "userType": "",
5   "token": ""
6 }
```

返回结果

状态码	状态码含义	说明	数据模型
200	OK	none	ResponseEntityAuthResponseVO

数据模型

ResponseEntityUserInfoVO

```
1 {
2   "userId": "string",
3   "username": "string",
4   "email": "string",
5   "userType": "TEACHER",
6   "createTime": "string"
7 }
8
```

属性

名称	类型	必选	约束	中文名	说明
userId	string	false	none		用户唯一标识
username	string	false	none		登录用户名
email	string	false	none		电子邮箱
userType	string	false	none		用户角色类型
createTime	string	false	none		注册时间或创建时间

枚举值

属性	值
userType	TEACHER
userType	STUDENT

AiRequestDTO

```
1 {
2   "prompt": "string"
3 }
4
```

属性

名称	类型	必选	约束	中文名	说明
prompt	string	true	none		用户输入的提示词（问题或指令） 非空且长度限制在 1~1000 字符之间 { "prompt": "请解释什么是机器学习？" }

User

```
1 {
2   "userId": 0,
3   "username": "string",
4   "password": "string",
5   "email": "string",
6   "userType": "TEACHER",
7   "createTime": "string"
8 }
9
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
username	string	false	none		none
password	string	false	none		加密后的密码
email	string	false	none		none
userType	string	false	none		用户角色类型
createTime	string	false	none		账号创建时间

枚举值

属性	值
userType	TEACHER
userType	STUDENT

ResponseEntityStudentInfoVO

```
1  {
2    "name": "string",
3    "gender": "MALE",
4    "grade": "string",
5    "subject": "string",
6    "address": "string",
7    "phone": "string",
8    "score": 0,
9    "hobby": "string",
10   "goal": "string",
11   "addition": "string"
12 }
13
```

属性

名称	类型	必选	约束	中文名	说明
name	string	false	none		none
gender	string	false	none		none
grade	string	false	none		none
subject	string	false	none		none
address	string	false	none		none
phone	string	false	none		none
score	number	false	none		none
hobby	string	false	none		none
goal	string	false	none		none
addition	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

ResponseEntityStudent

```
1 {
2   "studentId": 0,
3   "user": {
4     "userId": 0,
5     "username": "string",
6     "password": "string",
7     "email": "string",
8     "userType": "TEACHER",
9     "createTime": "string"
```

```
10 },
11 "name": "string",
12 "gender": "MALE",
13 "grade": "string",
14 "subject": "string",
15 "address": "string",
16 "phone": "string",
17 "score": 0,
18 "hobby": "string",
19 "goal": "string",
20 "addition": "string",
21 "vector": "string"
22 }
23
```

属性

名称	类型	必选	约束	中文名	说明
studentId	integer(int64)	false	none		none
user	User	false	none		none
name	string	false	none		none
gender	string	false	none		none
grade	string	false	none		none
subject	string	false	none		none
address	string	false	none		none
phone	string	false	none		none
score	number	false	none		none
hobby	string	false	none		none
goal	string	false	none		none
addition	string	false	none		none
vector	string	false	none		用字符串保存 JSON 格式的向量

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

ResponseEntityTeacherInfoVO

```
1  {
2    "name": "string",
3    "gender": "MALE",
4    "education": "string",
5    "teachGrade": "string",
6    "subject": "string",
7    "address": "string",
8    "phone": "string",
9    "experience": 0,
10   "score": 0,
11   "hobby": "string",
12   "school": "string",
13   "addition": "string"
14 }
15
```

属性

名称	类型	必选	约束	中文名	说明
name	string	false	none		none
gender	string	false	none		none
education	string	false	none		none
teachGrade	string	false	none		none
subject	string	false	none		none
address	string	false	none		none

名称	类型	必选	约束	中文名	说明
phone	string	false	none		none
experience	integer	false	none		none
score	number	false	none		none
hobby	string	false	none		none
school	string	false	none		none
addition	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

Student

```
1 {
2   "studentId": 0,
3   "user": {
4     "userId": 0,
5     "username": "string",
6     "password": "string",
7     "email": "string",
8     "userType": "TEACHER",
9     "createTime": "string"
10  },
11  "name": "string",
12  "gender": "MALE",
13  "grade": "string",
14  "subject": "string",
15  "address": "string",
16  "phone": "string",
```

```
17     "score": 0,
18     "hobby": "string",
19     "goal": "string",
20     "addition": "string",
21     "vector": "string"
22 }
23
```

属性

名称	类型	必选	约束	中文名	说明
studentId	integer(int64)	false	none		none
user	User	false	none		none
name	string	false	none		none
gender	string	false	none		none
grade	string	false	none		none
subject	string	false	none		none
address	string	false	none		none
phone	string	false	none		none
score	number	false	none		none
hobby	string	false	none		none
goal	string	false	none		none
addition	string	false	none		none
vector	string	false	none		用字符串保存 JSON 格式的向量

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

UserInfoUpdateDTO

```
1 {
2   "userId": 0,
3   "username": "string",
4   "password": "string",
5   "email": "user@example.com",
6   "userType": "TEACHER"
7 }
8
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		用户唯一标识
username	string	true	none		登录用户名
password	string	true	none		登录密码
email	string(email)	true	none		电子邮箱
userType	string	false	none		用户角色类型

枚举值

属性	值
userType	TEACHER
userType	STUDENT

ResponseEntityTeacher

```
1 {
2   "teacherId": 0,
```

```
3  "user": {
4    "userId": 0,
5    "username": "string",
6    "password": "string",
7    "email": "string",
8    "userType": "TEACHER",
9    "createTime": "string"
10 },
11 "name": "string",
12 "gender": "MALE",
13 "education": "BACHELOR",
14 "teachGrade": "小学",
15 "subject": "string",
16 "address": "string",
17 "phone": "string",
18 "experience": 0,
19 "score": 0,
20 "hobby": "string",
21 "school": "string",
22 "addition": "string",
23 "vector": "string"
24 }
25
```

属性

名称	类型	必选	约束	中文名	说明
teacherId	integer(int64)	false	none		none
user	User	false	none		none
name	string	false	none		none
gender	string	false	none		none
education	string	false	none		none
teachGrade	string	false	none		none
subject	string	false	none		none
address	string	false	none		none
phone	string	false	none		none
experience	integer	false	none		none
score	number	false	none		none

名称	类型	必选	约束	中文名	说明
hobby	string	false	none		none
school	string	false	none		none
addition	string	false	none		none
vector	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER
education	BACHELOR
education	MASTER
education	DOCTOR
education	OTHER
teachGrade	小学
teachGrade	初中
teachGrade	高中

TeacherInfoUpdateDTO

```
1 {
2   "userId": 0,
3   "name": "string",
4   "gender": "MALE",
5   "education": "string",
6   "teachGrade": "string",
7   "subject": "string",
8   "address": "string",
9   "phone": "string",
10  "experience": 0,
```

```
11     "score": 0,  
12     "hobby": "string",  
13     "school": "string",  
14     "addition": "string"  
15 }  
16
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
name	string	true	none		none
gender	string	true	none		none
education	string	true	none		none
teachGrade	string	true	none		none
subject	string	true	none		none
address	string	true	none		none
phone	string	true	none		none
experience	integer	true	none		none
score	number	true	none		none
hobby	string	true	none		none
school	string	true	none		none
addition	string	true	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

Teacher

```
1  {
2    "teacherId": 0,
3    "user": {
4      "userId": 0,
5      "username": "string",
6      "password": "string",
7      "email": "string",
8      "userType": "TEACHER",
9      "createTime": "string"
10   },
11   "name": "string",
12   "gender": "MALE",
13   "education": "BACHELOR",
14   "teachGrade": "小学",
15   "subject": "string",
16   "address": "string",
17   "phone": "string",
18   "experience": 0,
19   "score": 0,
20   "hobby": "string",
21   "school": "string",
22   "addition": "string",
23   "vector": "string"
24 }
25
```

属性

名称	类型	必选	约束	中文名	说明
teacherId	integer(int64)	false	none		none
user	User	false	none		none
name	string	false	none		none
gender	string	false	none		none
education	string	false	none		none

名称	类型	必选	约束	中文名	说明
teachGrade	string	false	none		none
subject	string	false	none		none
address	string	false	none		none
phone	string	false	none		none
experience	integer	false	none		none
score	number	false	none		none
hobby	string	false	none		none
school	string	false	none		none
addition	string	false	none		none
vector	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER
education	BACHELOR
education	MASTER
education	DOCTOR
education	OTHER
teachGrade	小学
teachGrade	初中
teachGrade	高中

StudentInfoUpdateDTO

```
1 {
2   "userId": 0,
```

```
3  "name": "string",
4  "gender": "MALE",
5  "grade": "string",
6  "subject": "string",
7  "address": "string",
8  "phone": "string",
9  "score": 0,
10 "hobby": "string",
11 "goal": "string",
12 "addition": "string"
13 }
14
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
name	string	true	none		none
gender	string	true	none		none
grade	string	true	none		none
subject	string	true	none		none
address	string	true	none		none
phone	string	true	none		none
score	number	true	none		none
hobby	string	true	none		none
goal	string	true	none		none
addition	string	true	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

MatchTeacherVO

```
1  {
2    "userId": 0,
3    "username": "string",
4    "gender": "MALE",
5    "education": "string",
6    "teachGrade": "string",
7    "subject": "string",
8    "score": 0,
9    "experience": 0,
10   "hobby": "string"
11 }
12
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
username	string	false	none		none
gender	string	false	none		none
education	string	false	none		none
teachGrade	string	false	none		none
subject	string	false	none		none
score	number	false	none		none
experience	integer	false	none		none
hobby	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE

属性	值
gender	OTHER

ListMatchTeacherVO

```
1 {
2   "userId": 0,
3   "username": "string",
4   "gender": "MALE",
5   "education": "BACHELOR",
6   "teachGrade": "小学",
7   "subject": "string",
8   "score": 0,
9   "experience": 0,
10  "hobby": "string"
11 }
12
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
username	string	false	none		none
gender	string	false	none		none
education	string	false	none		none
teachGrade	string	false	none		none
subject	string	false	none		none
score	number	false	none		none
experience	integer	false	none		none
hobby	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER
education	BACHELOR
education	MASTER
education	DOCTOR
education	OTHER
teachGrade	小学
teachGrade	初中
teachGrade	高中

MatchTeacherDTO

```
1 {
2   "userId": 0,
3   "subject": "string",
4   "grade": "string",
5   "minScore": 4.5,
6   "page": 0,
7   "size": 10
8 }
9
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	true	none		none
subject	string	true	none		none
grade	string	true	none		none

名称	类型	必选	约束	中文名	说明
minScore	number	false	none		默认最低评分
page	integer	false	none		第几页，从0开始
size	integer	false	none		每页数量

ListMatchStudentVO

```
1 {
2   "userId": 0,
3   "username": "string",
4   "gender": "MALE",
5   "grade": "string",
6   "subject": "string",
7   "score": 0,
8   "hobby": "string",
9   "goal": "string"
10 }
11
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
username	string	false	none		none
gender	string	false	none		none
grade	string	false	none		none
subject	string	false	none		none
score	number	false	none		none
hobby	string	false	none		none
goal	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

ResponseEntityPageMatchTeacherVO

```
1  {
2    "content": "new ArrayList<>()",
3    "pageable": {
4      "paged": true,
5      "unpaged": true,
6      "pageNumber": 0,
7      "pageSize": 0,
8      "offset": 0,
9      "sort": [
10       {
11         "direction": "ASC",
12         "property": "string",
13         "ignoreCase": true,
14         "nullHandling": "NATIVE",
15         "ascending": true,
16         "descending": true
17       }
18     ]
19   },
20   "total": 0,
21   "empty": true,
22   "number": 0,
23   "size": 0,
24   "numberOfElements": 0,
25   "sort": [
26     {
27       "direction": "ASC",
```

```
28         "property": "string",
29         "ignoreCase": true,
30         "nullHandling": "NATIVE",
31         "ascending": true,
32         "descending": true
33     }
34 ],
35 "first": true,
36 "last": true,
37 "totalPages": 0,
38 "totalElements": 0
39 }
40
```

属性

名称	类型	必选	约束	中文名	说明
content	[MatchTeacherVO]	false	none		none
pageable	Pageable	false	none		none
total	integer(int64)	false	none		none
empty	boolean	false	none		Returns whether the current{@link Streamable} is empty.
number	integer	false	none		none
size	integer	false	none		none
numberOfElements	integer	false	none		none
sort	[Sort]	false	none		none
first	boolean	false	none		none
last	boolean	false	none		none
totalPages	integer	false	none		none
totalElements	integer(int64)	false	none		none

MatchStudentDTO

```
1 {
2   "userId": 0,
3   "subject": "string",
4   "grade": "string",
5   "minScore": 80,
6   "page": 0,
7   "size": 10
8 }
9
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	true	none		none
subject	string	true	none		none
grade	string	true	none		none
minScore	number	false	none		默认最低成绩
page	integer	false	none		第几页，从0开始
size	integer	false	none		每页数量

ResponseEntityChatSessionVO

```
1  {
2    "sessionId": 0,
3    "teacherUserId": 0,
4    "studentUserId": 0,
5    "teacherName": "string",
6    "studentName": "string",
7    "createTime": "string",
8    "lastMessageContent": "string",
9    "lastMessageTime": "string",
10   "unreadMsgCount": 0
11 }
12
```

属性

名称	类型	必选	约束	中文名	说明
sessionId	integer(int64)	false	none		none
teacherUserId	integer(int64)	false	none		none
studentUserId	integer(int64)	false	none		none
teacherName	string	false	none		none
studentName	string	false	none		none
createTime	string	false	none		none
lastMessageContent	string	false	none		none
lastMessageTime	string	false	none		none
unreadMsgCount	integer	false	none		针对当前用户返回的未读消息数

MatchStudentVO

```
1  {
2    "userId": 0,
3    "username": "string",
4    "gender": "MALE",
5    "grade": "string",
6    "subject": "string",
7    "score": 0,
8    "hobby": "string",
9    "goal": "string"
10 }
11
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
username	string	false	none		none
gender	string	false	none		none
grade	string	false	none		none
subject	string	false	none		none
score	number	false	none		none
hobby	string	false	none		none
goal	string	false	none		none

枚举值

属性	值
gender	MALE
gender	FEMALE
gender	OTHER

ChatSessionVO

```

1  {
2    "sessionId": 0,
3    "teacherUserId": 0,
4    "studentUserId": 0,
5    "teacherName": "string",
6    "studentName": "string",
7    "createTime": "string",
8    "lastMessageContent": "string",
9    "lastMessageTime": "string",
10   "unreadMsgCount": 0
11 }
12

```

属性

名称	类型	必选	约束	中文名	说明
sessionId	integer(int64)	false	none		none
teacherUserId	integer(int64)	false	none		none
studentUserId	integer(int64)	false	none		none
teacherName	string	false	none		none
studentName	string	false	none		none
createTime	string	false	none		none
lastMessageContent	string	false	none		none
lastMessageTime	string	false	none		none
unreadMsgCount	integer	false	none		针对当前用户返回的未读消息数

ResponseEntityPageMatchStudentVO

```

1  {
2    "content": "new ArrayList<>()",
3    "pageable": {
4      "paged": true,

```

```
5     "unpaged": true,
6     "pageNumber": 0,
7     "pageSize": 0,
8     "offset": 0,
9     "sort": [
10        {
11            "direction": "ASC",
12            "property": "string",
13            "ignoreCase": true,
14            "nullHandling": "NATIVE",
15            "ascending": true,
16            "descending": true
17        }
18    ],
19 },
20 "total": 0,
21 "empty": true,
22 "number": 0,
23 "size": 0,
24 "numberOfElements": 0,
25 "sort": [
26     {
27         "direction": "ASC",
28         "property": "string",
29         "ignoreCase": true,
30         "nullHandling": "NATIVE",
31         "ascending": true,
32         "descending": true
33     }
34 ],
35 "first": true,
36 "last": true,
37 "totalPages": 0,
38 "totalElements": 0
39 }
40
```

属性

名称	类型	必选	约束	中文名	说明
content	[MatchStudentVO]	false	none		none
pageable	Pageable	false	none		none
total	integer(int64)	false	none		none
empty	boolean	false	none		Returns whether the current{@link Streamable} is empty.
number	integer	false	none		none
size	integer	false	none		none
numberOfElements	integer	false	none		none
sort	[Sort]	false	none		none
first	boolean	false	none		none
last	boolean	false	none		none
totalPages	integer	false	none		none
totalElements	integer(int64)	false	none		none

Sort

```
1 {
2   "direction": "ASC",
3   "property": "string",
4   "ignoreCase": true,
5   "nullHandling": "NATIVE",
6   "ascending": true,
7   "descending": true
8 }
9
```

属性

名称	类型	必选	约束	中文名	说明
direction	string	false	none		none
property	string	false	none		none
ignoreCase	boolean	false	none		none
nullHandling	string	false	none		none
ascending	boolean	false	none		Returns whether sorting for this property shall be ascending.
descending	boolean	false	none		Returns whether sorting for this property shall be descending.

枚举值

属性	值
direction	ASC
direction	DESC
nullHandling	NATIVE
nullHandling	NULLS_FIRST
nullHandling	NULLS_LAST

Pageable

```
1 {
2   "paged": true,
3   "unpaged": true,
4   "pageNumber": 0,
5   "pageSize": 0,
6   "offset": 0,
7   "sort": [
8     {
9       "direction": "ASC",
```

```
10     "property": "string",
11     "ignoreCase": true,
12     "nullHandling": "NATIVE",
13     "ascending": true,
14     "descending": true
15 }
16 ]
17 }
18
```

属性

名称	类型	必选	约束	中文名	说明
paged	boolean	false	none		Returns whether the current{@link Pageable} contains pagination information.
unpaged	boolean	false	none		Returns whether the current{@link Pageable} does not contain pagination information.
pageNumber	integer	false	none		Returns the page to be returned.
pageSize	integer	false	none		Returns the number of items to be returned.
offset	integer(int64)	false	none		Returns the offset to be taken according to the underlying page and page size.
sort	[Sort]	false	none		Returns the sorting parameters.

ResponseEntityPageChatSessionVO

```
1 {
2   "content": "new ArrayList<>()",
3   "pageable": {
4     "paged": true,
5     "unpaged": true,
```



```
6     "pageNumber": 0,
7     "pageSize": 0,
8     "offset": 0,
9     "sort": [
10        {
11            "direction": "ASC",
12            "property": "string",
13            "ignoreCase": true,
14            "nullHandling": "NATIVE",
15            "ascending": true,
16            "descending": true
17        }
18    ],
19 },
20 "total": 0,
21 "empty": true,
22 "number": 0,
23 "size": 0,
24 "numberOfElements": 0,
25 "sort": [
26     {
27         "direction": "ASC",
28         "property": "string",
29         "ignoreCase": true,
30         "nullHandling": "NATIVE",
31         "ascending": true,
32         "descending": true
33     }
34 ],
35 "first": true,
36 "last": true,
37 "totalPages": 0,
38 "totalElements": 0
39 }
40
```

属性

名称	类型	必选	约束	中文名	说明
content	[ChatSessionVO]	false	none		none
pageable	Pageable	false	none		none
total	integer(int64)	false	none		none
empty	boolean	false	none		Returns whether the current{@link Streamable} is empty.
number	integer	false	none		none
size	integer	false	none		none
numberOfElements	integer	false	none		none
sort	[Sort]	false	none		none
first	boolean	false	none		none
last	boolean	false	none		none
totalPages	integer	false	none		none
totalElements	integer(int64)	false	none		none

PageDTO

```
1 {
2   "page": 0,
3   "size": 10
4 }
5
```

属性

名称	类型	必选	约束	中文名	说明
page	integer	false	none		none

名称	类型	必选	约束	中文名	说明
size	integer	false	none		none

ResponseEntityChatMessageVO

```
1  {
2    "messageId": 0,
3    "sessionId": 0,
4    "senderId": 0,
5    "receiverId": 0,
6    "senderName": "string",
7    "receiverName": "string",
8    "content": "string",
9    "createTime": "string",
10   "pos": "string"
11 }
12
```

属性

名称	类型	必选	约束	中文名	说明
messageId	integer(int64)	false	none		none
sessionId	integer(int64)	false	none		none
senderId	integer(int64)	false	none		none
receiverId	integer(int64)	false	none		none
senderName	string	false	none		none
receiverName	string	false	none		none
content	string	false	none		none
createTime	string	false	none		none
pos	string	false	none		"left" 或 "right", 用于标识消息显示位置

ChatMessageDTO

```
1 {
2   "sessionId": 0,
3   "senderId": 0,
4   "receiverId": 0,
5   "content": "string"
6 }
7
```

属性

名称	类型	必选	约束	中文名	说明
sessionId	integer(int64)	true	none		none
senderId	integer(int64)	true	none		none
receiverId	integer(int64)	true	none		none
content	string	true	none		none

ChatMessageVO

```
1 {
2   "messageId": 0,
3   "sessionId": 0,
4   "senderId": 0,
5   "receiverId": 0,
6   "senderName": "string",
7   "receiverName": "string",
8   "content": "string",
9   "createTime": "string",
10  "pos": "string"
11 }
12
```

属性

名称	类型	必选	约束	中文名	说明
messageId	integer(int64)	false	none		none
sessionId	integer(int64)	false	none		none
senderId	integer(int64)	false	none		none
receiverId	integer(int64)	false	none		none
senderName	string	false	none		none
receiverName	string	false	none		none
content	string	false	none		none
createTime	string	false	none		none
pos	string	false	none		"left" 或 "right", 用于标识消息显示位置

ResponseEntityPageChatMessageVO

```
1  {
2    "content": "new ArrayList<>()",
3    "pageable": {
4      "paged": true,
5      "unpaged": true,
6      "pageNumber": 0,
7      "pageSize": 0,
8      "offset": 0,
9      "sort": [
10     {
11       "direction": "ASC",
12       "property": "string",
13       "ignoreCase": true,
14       "nullHandling": "NATIVE",
15       "ascending": true,
16       "descending": true
17     }
18   ]
19 }
```

```

19 },
20 "total": 0,
21 "empty": true,
22 "number": 0,
23 "size": 0,
24 "numberOfElements": 0,
25 "sort": [
26   {
27     "direction": "ASC",
28     "property": "string",
29     "ignoreCase": true,
30     "nullHandling": "NATIVE",
31     "ascending": true,
32     "descending": true
33   }
34 ],
35 "first": true,
36 "last": true,
37 "totalPages": 0,
38 "totalElements": 0
39 }
40

```

属性

名称	类型	必选	约束	中文名	说明
content	[ChatMessageVO]	false	none		none
pageable	Pageable	false	none		none
total	integer(int64)	false	none		none
empty	boolean	false	none		Returns whether the current{@link Streamable} is empty.
number	integer	false	none		none
size	integer	false	none		none
numberOfElements	integer	false	none		none
sort	[Sort]	false	none		none

名称	类型	必选	约束	中文名	说明
first	boolean	false	none		none
last	boolean	false	none		none
totalPages	integer	false	none		none
totalElements	integer(int64)	false	none		none

GetSessionMsgDTO

```
1 {
2   "sessionId": 0,
3   "page": 0,
4   "size": 10
5 }
6
```

属性

名称	类型	必选	约束	中文名	说明
sessionId	integer(int64)	true	none		none
page	integer	false	none		默认值在字段定义,根据传入参数动态调整
size	integer	false	none		none

ResponseEntityAuthResponseVO

```
1 {
2   "userId": 0,
3   "username": "string",
4   "userType": "string",
5   "token": "string"
6 }
7
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		none
username	string	false	none		none
userType	string	false	none		none
token	string	false	none		none

RegisterDTO

```
1 {
2   "username": "string",
3   "password": "string",
4   "email": "user@example.com",
5   "userType": "TEACHER"
6 }
7
```

属性

名称	类型	必选	约束	中文名	说明
username	string	true	none		用户名
password	string	true	none		登录密码
email	string(email)	true	none		电子邮箱
userType	string	true	none		用户角色类型

枚举值

属性	值
userType	TEACHER
userType	STUDENT

LoginDTO

```
1 {
2   "username": "string",
3   "password": "string"
4 }
5
```

属性

名称	类型	必选	约束	中文名	说明
username	string	true	none		登录用户名
password	string	true	none		登录密码

JudgeUserDTO

```
1 {
2   "userId": 0,
3   "judgeId": 0,
4   "content": "string"
5 }
6
```

属性

名称	类型	必选	约束	中文名	说明
userId	integer(int64)	false	none		当前用户
judgeId	integer(int64)	true	none		评价对象
content	string	true	none		none

ListUserCommentVO

```
1 {
2     "fromId": 0,
3     "content": "string"
4 }
5
```

属性

名称	类型	必选	约束	中文名	说明
fromId	integer(int64)	false	none		none
content	string	false	none		none