

API

1.0

[Base URL: /api]

</api/swagger.json>

login

User login request



GET/ChangePassword

Change current user's password

Parameters

Try it out

Name	Description
current_pw * string (query)	Current password <div>current_pw - Current passwc</div>
new_pw * string (query)	New password <div>new_pw - New password</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

200

```
[
  {
    "success": true
  }
]
```

POST/login

Parameters

Try it out

Name	Description
username * string (query)	Username <div>username - Username</div>
password * string (query)	Raw password <div>password - Raw password</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{
  "success": true
}
```

GET/logout

Parameters

Try it out

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{  "success": true,  "data": "string"}
```

POST/register

Parameters

Try it out

Name	Description
username * string (query)	Username <div>username - Username</div>
password * string (query)	Raw password <div>password - Raw password</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- 200
- Example Value
 - Model

```
{
  "success": true
}
```

student

Students' manipulations



GET/student/queryAssignmentList

Get assignment list and their time span

Parameters

Try it out

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
[
  {
    "assignment_id": "string",
    "assignment_name": "string",
    "assignment_start_time": "string",
    "assignment_end_time": "string"
  }
]
```

GET/student/queryRecordList

Get record list

Parameters

Try it out

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
[
  {
    "record_id": "string",
    "record_time": "string",
    "assignment_id": "string",
    "question_type": "string",
    "assignment_name": "string",
    "question_id": "string",
    "question_name": "string",
    "record_status": "running",
    "running_time": "string"
  }
]
```

GET/student/selectQuestionById

Get question detail of the requested question id

Parameters

Try it out

Name	Description
question_id * string (query)	Requested question id question_id - Requested que
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{
  "question_id": "string",
  "question_name": "string",
  "question_type": "string",
  "question_description": "string",
  "question_output": "string",
  "question_answer": "string",
  "assignment_id": "string",
  "db_id": "string",
  "question_standard_header": "string",
  "question_standard_output": "string"
}
```

GET/student/selectQuestionsByAssignment

Get question list of the requested assignment

Parameters

Try it out

Name	Description
assignment_id * string (query)	Requested assignment id <div>assignment_id - Requested assignment id</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields mask</div>

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

```
200  [
    {
      "question_id": "string",
      "question_name": "string",
      "question_type": "string",
      "is_finished": true
    }
  ]
```

GET/student/selectRecordById

Get submitted code for a specific record

Parameters

Try it out

Name	Description
record_id * string (query)	Requested record id <div>record_id - Requested record</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

200

```
{
  "username": "string",
  "submit_time": "string",
  "finished_time": "string",
  "question_type": "string",
  "record_code": "string",
  "record_status": "running",
  "record_header": "string",
  "record_output": "string",
  "record_lack": "string",
  "record_err": "string"
}
```

POST/student/submit

Upload submitted code of the question to the judger

Parameters

Try it out

Name	Description
question_id * string (query)	Answered question id question_id - Answered ques
code * string (query)	Sql code to execute code - Sql code to execute
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- 200
- Example Value
 - Model

```
{
  "success": true
}
```

teacher

Students' manipulations



POST/teacher/AssignmentDetail

Parameters

Try it out

Name	Description
assignment_name *	
string (query)	assignment_name
assignment_start_time *	
string (query)	assignment_start_time
assignment_end_time *	
string (query)	assignment_end_time
X-Fields	
string(\$mask) (header)	An optional fields mask
	X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

200

```
{
  "success": true,
  "db_id": "string"
}
```

PATCH/teacher/AssignmentDetail

Parameters

Try it out

Name	Description
assignment_id *	
string (query)	assignment_id
assignment_name *	
string (query)	assignment_name
assignment_start_time *	
string (query)	assignment_start_time
assignment_end_time *	
string (query)	assignment_end_time
X-Fields	An optional fields mask
string(\$mask) (header)	X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{
  "success": true,
  "db_id": "string"
}
```

DELETE/teacher/AssignmentDetail

Parameters

Try it out

Name	Description
assignment_id * string (query)	assignment_id
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success	
200	<div><ul style="list-style-type: none">Example ValueModel<pre>{ "success": true, "db_id": "string"}</pre></div>

GET/teacher/AssignmentListQuery

Get assignment list and their time span

Parameters

Try it out

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

```
200  [
    {
      "assignment_id": "string",
      "assignment_name": "string",
      "assignment_start_time": "string",
      "assignment_end_time": "string"
    }
  ]
```

POST/teacher/DatabaseDetail

Parameters

Try it out

Name	Description
db_name * string (query)	<div>db_name</div>
db_description string (query)	<div>db_description</div>
file * file (formData)	<div><div>选择文件</div>未选择任何文件</div>
X-Fields string(\$mask) (header)	<div>An optional fields mask</div> <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

```
200  {
    "success": true,
    "db_id": "string"
  }
```

PATCH/teacher/DatabaseDetail

Parameters

Try it out

Name	Description
db_id * string (query)	db_id
db_name * string (query)	db_name
db_description string (query)	db_description
file file (formData)	Send the file only if it is updated <div>选择文件 未选择任何文件</div>
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{  "success": true,  "db_id": "string"}
```

GET/teacher/DatabaseDetail

Parameters

Try it out

Name	Description
db_id * string (query)	db_id

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

```
200 {
  "db_id": "string",
  "db_name": "string",
  "db_description": "string",
  "db_filename": "string",
  "upload_time": "string"
}
```

DELETE/teacher/DatabaseDetail

Parameters

Try it out

Name	Description
db_id * string (query)	<div>db_id</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

200

```
{
  "success": true,
  "db_id": "string"
}
```

GET/teacher/DatabaseListQuery

Parameters

Try it out

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{
  "db_id": "string",
  "db_name": "string",
  "db_description": "string",
  "upload_time": "string"
}
```

POST/teacher/QuestionDetail

Parameters

Try it out

Name	Description
question_name * string (query)	<div>question_name</div>

Name	Description
question_type *	
string	question_type
(query)	
question_description	
string	question_description
(query)	
question_output	
string	question_output
(query)	
question_answer	
string	question_answer
(query)	
assignment_id *	
string	assignment_id
(query)	
db_id	
string	db_id
(query)	
X-Fields	An optional fields mask
string(\$mask)	
(header)	X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{  "success": true,  "question_id": "string"}
```

PATCH/teacher/QuestionDetail

Parameters

Try it out

Name	Description
question_id *	
string	question_id
(query)	

Name	Description
question_name * string (query)	question_name
question_type * string (query)	question_type
question_description string (query)	question_description
question_answer string (query)	question_answer
question_output string (query)	question_output
assignment_id * string (query)	assignment_id
db_id string (query)	db_id
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{
  "success": true,
  "question_id": "string"
}
```

GET/teacher/QuestionDetail

Parameters

Try it out

Name	Description
------	-------------

Name	Description
question_id *	
string	question_id
(query)	
X-Fields	
string(\$mask)	An optional fields mask
(header)	X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{  "question_id": "string",  "question_name": "string",  "question_type": "string",  "question_description": "string",  "question_output": "string",  "question_answer": "string",  "assignment_id": "string",  "db_id": "string",  "question_standard_header": "string",  "question_standard_output": "string"}
```

DELETE/teacher/QuestionDetail

Parameters

Try it out

Name	Description
question_id *	
string	question_id
(query)	
X-Fields	
string(\$mask)	An optional fields mask
(header)	X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

200

```
{
  "success": true,
  "question_id": "string"
}
```

GET/teacher/QuestionList

Get question list of the requested assignment

Parameters

Try it out

Name	Description
assignment_id * string (query)	Requested assignment id <div>assignment_id - Requested assignment id</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields mask</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
[
  {
    "question_id": "string",
    "question_name": "string",
    "question_type": "string"
  }
]
```

GET/teacher/QuestionListFull

Get full question list

Parameters

Try it out

Name	Description
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

200

```
{
  "question_id": "string",
  "question_name": "string",
  "question_type": "string"
}
```

GET/teacher/RecordListQuery

Parameters

Try it out

Name	Description
question_id * string (query)	<div>question_id</div>
X-Fields string(\$mask) (header)	An optional fields mask <div>X-Fields - An optional fields r</div>

Responses

Response content type

application/json ▼

Code Description

Code Description

Success

- Example Value
- Model

```
200  [
    {
      "record_id": "string",
      "username": "string",
      "submit_time": "string"
    }
  ]
```

GET/teacher/RecordOutput

Parameters

Try it out

Name	Description
record_id * string (query)	record_id
X-Fields string(\$mask) (header)	An optional fields mask X-Fields - An optional fields r

Responses

Response content type

application/json ▼

Code Description

Success

- Example Value
- Model

```
200  {
    "username": "string",
    "submit_time": "string",
    "finished_time": "string",
    "question_type": "string",
    "record_code": "string",
    "record_status": "running",
    "record_header": "string",
    "record_output": "string",
    "record_lack": "string",
    "record_err": "string"
  }
```

Models ✓

Login{

boolean

success*

Change status

}

Logout{

boolean

success*

Login status

string

data*

User's role: student or teacher

}

Assignment list{

string

assignment_id*

Assignment unique id

string

assignment_name*

Assignment name

string

assignment_start_time*

Assignment start time

string

assignment_end_time*

Assignment deadline

}

Question status{

string

question_id*

Question unique id

string

question_name*

Question name for displaying

string

question_type*

Question type

is_finished*

boolean

Question finish status

```

}
Question detail{
    string
    question_id*      Question unique id
    string
    question_name*    Question name
    string
    question_type*    sql or text
    string
    question_description Question description
    string
    question_output    Required question output
    string
    question_answer    Standard question answer
    string
    assignment_id*     Assignment id the question belongs to
    string
    db_id              Database id the question uses
    string
    question_standard_header Header of standard answer
    string
    question_standard_output Output of standard answer
}
Answer submit status{
    boolean
    success* whether the code uploads successfully
}
Records list with details{
    record_id*    string
    record_time*  string

```

Time when record submitted

assignment_id* string
string
question_type* Sql or text

assignment_name* string
question_id* string
question_name* string
string
example: running

record_status Record status: RUNNING, AC, TLE, WA
Enum:
Array [4]
string

running_time Run time for the code, not included if code is running

}

Record detail{

username* string
string
submit_time* Code submitted time

string
finished_time Execution finished time

string
question_type* Sql or text

string
record_code* User submitted code

string
example: running

record_status Record status: RUNNING, AC, TLE, WA
Enum:
Array [4]
string

record_header Sql command header if latest


```

record_output  string
                Sql command output if latest
                string
record_lack    Missing line number
                string
record_err     Error line number
}
Assignment detail{
                string
assignment_id* Assignment unique id
                string
assignment_name* Assignment name
                string
assignment_start_time* Assignment start time
                string
assignment_end_time* Assignment deadline
}
Assignment adding status{
    boolean
success* Whether the database is modified successfully
    string
db_id    DB unique id
}
Finished records of requested question{
record_id*  string
            string
username*   Student name
            string
submit_time* Submitted time
}

```

```

Record output{
  username*      string
                  string
  submit_time*   Code submitted time
                  string
  finished_time  Execution finished time
                  string
  question_type* Sql or text
                  string
  record_code*   User submitted code
                  string
                  example: running
  record_status  Record status: RUNNING, AC, TLE, WA
                  Enum:
                  Array [ 4 ]
                  string
  record_header  Sql command header if latest
                  string
  record_output  Sql command output if latest
                  string
  record_lack    Missing line number
                  string
  record_err     Error line number
}
All questions{
  question_id*   Question unique id
                  string
  question_name* Question name for displaying
  question_type* string

```

sql or text

```
}
Question adding status{
    boolean
    success*    Whether the question is added successfully
    string
    question_id New question unique id
}
DB list{
    string
    db_id*      Database id
    string
    db_name*    Database name
    string
    db_description* Database description
    string
    upload_time* Database uploaded time
}
DB detail{
    string
    db_id*      Database id
    string
    db_name*    Database name
    string
    db_description Database description
    string
    db_filename* Database filename stored
    string
    upload_time* Database uploaded time
```

}