1. **Create a student**

POST /api/students

Example of create a student：

{

"username": "张羽",

"password": "123",

"nickname": "jerry",

"phoneNumber": "18510918365",

"identity": "1851091836511111",

"age": 25,

"birthday": 1427618967110,

"gender": "male",

"email": "sweet\_grape@126.com",

"address": "address",

"level": 8,

"coin": 9,

"point": 10,

"bookNum": 10,

"roles": [

{

"id": 3,

"name": "ROLE\_STUDENT",

"desc": "User"

}

],

"enabled": true,

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true

}

Return the details of booktag with status=200：

{

"id": 28,

"creationTime": "29-03-2015",

"username": "张羽",

"userId": "8089280746048233",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 25,

"phoneNumber": "18510918365",

"birthdayDB": "29-03-2015",

"birthday": 1427618967110,

"expireTimeDB": "01-01-1970",

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": "sweet\_grape@126.com",

"address": "address",

"identity": "1851091836511111",

"level": 8,

"coin": 9,

"point": 10,

"enrollmentTime": 0,

"classId": null,

"coinHistorySet": [],

"authorities": [],

"enabled": true,

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true

}

1. **Get a student by id**

GET /api/students/:id

Return the details of Student that is just deleted with status=200：

{

"id": 26,

"creationTime": "29-03-2015",

"username": "张羽",

"userId": "4660905457005907",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 25,

"phoneNumber": "18510918365",

"birthday": 0,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": "sweet\_grape@126.com",

"address": "address",

"identity": "1851091836511111",

"level": 8,

"coin": 9,

"point": 10,

"enrollmentTime": 0,

"classId": null,

"coinHistorySet": [],

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true,

"authorities": [],

"enabled": true

}

1. **Delete a student**

DELETE /api/students/:id

Return status=200：

{

"username": "张羽",

"password": "123",

"nickname": "jerry",

"phoneNumber": "18510918365",

"identity": "1851091836511111",

"age": 25,

"birthday": 1427618967110,

"gender": "male",

"email": "sweet\_grape@126.com",

"address": "address",

"workUnit":"Sony"

}

1. **Add parent by student Id**

POST /api/students/:studentId/parents

Return status=200：

{

"id": 34,

"creationTime": "29-03-2015",

"username": "张羽",

"userId": "8538382489962588",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 0,

"phoneNumber": "18510918365",

"birthday": 0,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": null,

"address": null,

"workUnit": null,

"children": [

{

"id": 25,

"creationTime": "29-03-2015",

"username": "张三",

"userId": "7444892503271201",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 25,

"phoneNumber": "18510918365",

"birthday": 0,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": "sweet\_grape@126.com",

"address": "address",

"identity": "1851091836511111",

"level": 8,

"coin": 9,

"point": 10,

"enrollmentTime": 0,

"classId": null,

"coinHistorySet": [],

"authorities": [],

"enabled": true,

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true

}

],

"authorities": [],

"enabled": true,

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true

}

1. **Parent add children by userId**

POST /parents/{id}/students/{userId}

{

"username": "张羽",

"password": "123",

"nickname": "jerry",

"phoneNumber": "18510918365",

"age": 25,

"birthday": 1427618967110,

"gender": "male",

"email": "sweet\_grape@126.com",

"address": "address",

"workUnit":"Sony"

}

Return status=200：

{

"id": 34,

"creationTime": "29-03-2015",

"username": "张羽",

"userId": "8538382489962588",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 0,

"phoneNumber": "18510918365",

"birthday": 0,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": null,

"address": null,

"workUnit": null,

"children": [

{

"id": 25,

"creationTime": "29-03-2015",

"username": "张三",

"userId": "7444892503271201",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 25,

"phoneNumber": "18510918365",

"birthday": 0,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": "sweet\_grape@126.com",

"address": "address",

"identity": "1851091836511111",

"level": 8,

"coin": 9,

"point": 10,

"enrollmentTime": 0,

"classId": null,

"coinHistorySet": [],

"authorities": [],

"enabled": true,

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true

}

],

"authorities": [],

"enabled": true,

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true

}

1. **Create a Teacher**

POST /api/teachers

Example of create a teacher：

{

"username": "张羽",

"password": "123",

"nickname": "jerry",

"phoneNumber": "18510918365",

"age": 25,

"birthday": 1427618967110,

"gender": "male",

"email": "sweet\_grape@126.com",

"address": "address",

"rank":1,

"experience":1,

"graduateSchool":"",

"clazzIds":[]

}

Return the details of teacher with status=200：

{

"id": 45,

"creationTime": "29-03-2015",

"username": "张羽",

"userId": "7929803615166470",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 25,

"phoneNumber": "18510918365",

"birthday": 1427618967110,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": "sweet\_grape@126.com",

"address": "address",

"rank": 1,

"experience": 1,

"graduateSchool": "",

"clazzIds": [

1,

2

],

"authorities": [],

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true,

"enabled": true

}

1. **get a Teacher**

GET /api/teachers/:teacherId

Return the details of teacher with status=200：

{

"id": 45,

"creationTime": "29-03-2015",

"username": "张羽",

"userId": "7929803615166470",

"picture": "",

"password": "123",

"nickname": "jerry",

"age": 25,

"phoneNumber": "18510918365",

"birthday": 1427618967110,

"expireTime": 0,

"status": null,

"gender": "male",

"roles": [],

"email": "sweet\_grape@126.com",

"address": "address",

"rank": 1,

"experience": 1,

"graduateSchool": "",

"clazzIds": null,

"authorities": [],

"accountNonExpired": true,

"accountNonLocked": true,

"credentialsNonExpired": true,

"enabled": true

}

1. **Delete a teacher**

DELETE /api/teachers/:id

Return status=200：

1. **Create a task**

POST /api/tasks

Example of create a task：

{ "studentId": 35, "teacherId": 40, "bookNum": 10, "point": 100 }

return of create a task：

{"id":1,"creationTime":"29-03-2015","teacherId":40,"studentId":35,"bookNum":10,"point":100 }

status=200：

1. **Get a task**

GET /api/tasks/:id

return of create a task：

{"id":1,"creationTime":"29-03-2015","teacherId":40,"studentId":35,"bookNum":10,"point":100 }

1. **delete task**

DELETE /api/tasks/:id

return of Status = 200

1. **User sign in**

post /oauth/token

|  |  |  |
| --- | --- | --- |
| argument | mean | comment |
| grant\_type | Oauth2 grant type | Fixed value “password” |
| username | User’s username |  |
| password | User’s password |  |

|  |  |  |
| --- | --- | --- |
| HEAD | mean | comment |
| Content-Type |  | application/json;charset=UTF-8 |
| Authorization | Client’username and password base64 encode value | Fixed value “Basic MzUzYjMwMmM0NDU3NGY1NjUwNDU2ODdlNTM0ZTdkNmE6Mjg2OTI0Njk3ZTYxNWE2NzJhNjQ2YTQ5MzU0NTY0NmM=” |

return of Status = 200

{  
    "user": {  
        "id": 49,  
        "creationTime": "03-04-2015",  
        "username": "testUserRole11",  
        "userId": "5665760434110558",  
        "picture": "",  
        "password": "1abc949e6d0f99f5431cc0c7da7df577afb062fc378a2ce6804292d40d016105e5c2c18e26a725cd",  
        "nickname": "zdp",  
        "age": 0,  
        "phoneNumber": "18510918365",  
        "birthday": 0,  
        "expireTime": 0,  
        "status": null,  
        "gender": "male",  
        "roles": [  
            {  
                "id": 1,  
                "name": "ROLE\_USER",  
                "desc": "User"  
            }  
        ],  
        "email": null,  
        "address": null,  
        "enabled": true,  
        "accountNonExpired": true,  
        "accountNonLocked": true,  
        "credentialsNonExpired": true,  
        "authorities": [  
            {  
                "authority": "ROLE\_USER"  
            }  
        ]  
    },  
    "token": {  
        "access\_token": "69172a0d-43ef-49c9-b0a0-141c9b4be577",  
        "token\_type": "bearer",  
        "refresh\_token": "6ed7a130-bd49-4d28-ae39-c15b0306c182",  
        "expires\_in": 43199,  
        "scope": "read write"  
    }  
}