用户登录

登录请求:

```
Method:POST
url:http://localhost:8080/oauth/token
headers:{
    Authorization:'Basic YXBwOmFwcA=='
}
body:{
    username:'',//用户名
    password:'',//密码
    grant_type:'password',//默认为密码认证
}
```

返回结果(JSON):

```
{
    "access_token": "d307839c-d9fd-47ed-8791-e61d9914ae88",//使用此值访问
    "token_type": "bearer",
    "refresh_token": "4fea61d0-968d-47f9-9e22-64e61524325b",
    "expires_in": 603347,
    "scope": "read write"
}
```

查询成绩

token请求:

```
Method:GET
url:"http://localhost:8080/user/grade"
headers:{
    Authorization:'access_token' //使用登录请求返回的token
}
```

用户名密码请求:

```
Method:POST
url:"http://localhost:8080/api/user/grade"
headers:{
    username:'',
    passwrod:'',
}
```

返回结果(JSON):

```json
{
  "code":200,
  "msg":"success",
  "result":{
    "studsentid":studsentid,
    "termGradeList": [
      {
        "term":term,//学期
        "gradeList":[
          {
            "courseid": "CH101",
              "courseName": "化学原理",
              "grade": "86",
              "credit": 4,
              "courseAttribute": "必修"
          },
          //...
        ]
      },
    ]
  }
}
```

sakai作业查询

token请求:

```
Method:GET
url:"http://localhost:8080/sakai/homework?refresh=true"
headers:{
  Authorization:'access_token' //使用登录请求返回的token
}
```

用户名与密码请求:

```
Method:POST
url:"http://localhost:8080/api/sakai/homework?refresh=true"
headers:{
  username:'',
  password:'',
}
```

课表查询

token请求:

```
Method:GET
url:"http://localhost:8080/user/courseTable?refresh=true"
headers:{
   Authorization:'access_token' //使用登录请求返回的token
}
```

用户名与密码请求:

```
Method:POST
url:"http://localhost:8080/api/user/courseTable?refresh=true"
headers:{
   username:'',
   password:'',
}
```

返回结果(JSON):

```
{
   "code": 200,
   "result": {
      "studentid": studentid,
      "courses": [
         {
            "weekly": 4,
            "section": 2,
            "courseName": "软件工程",
            "teachers": "张煜群",
            "classRoom": "一教108"
         },
         {
            "weekly": 4,
            "section": 3,
            "courseName": "软件工程",
            "teachers": "朱悦铭",
            "classRoom": "二教205机房"
         },
      ]
   },
   "msg": "success"
}
```