

所有 id 和日期都为 Long 类型

其他都是 string

除了登录 其他请求都要携带 token，放在 headers 里

学生登录

Post <http://localhost:8080/student/login>

请求体内容:

```
{
  "account": "95358204@qq.com",
  "password": "12355555"
}
```

返回:

```
{
  "msg": "登录成功",
  "detail": {
    "id": 1,
    "student_name": "zhaoxuchu2",
    "password": "12355555",
    "email": null,
    "teacher_id": 1,
    "account": "95358204@qq.com"
  },
  "success": true,
  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0eXB1Ijoic3R1ZGVudCIsImV4cCI6MTY0NjYyOTQ3MH0.imSF6WsAVPZY8R1k0nS3QBYPIoepnWVbueT9IVAPLE4"
}
```

修改学生信息

Post <http://localhost:8080/student/update>

Headers 带上 token

请求体 (id 必填, 用登录返回的 id)

```
{
  "id": 1,
  "student_name": "zhaoxuchu2",
  "password": "12355555",
  "email": "953585@qq.com",
  "account": "95358204@qq.com"
}
```

返回值:

```
{
  "msg": "修改成功",
}
```

```

    "detail": {
      "id": 1,
      "student_name": "zhaoxuchu2",
      "password": "12355555",
      "email": "953585@qq.com",
      "teacher_id": 1,
      "account": "95358204@qq.com"
    },
    "success": true,
    "token": null
  }
}

```

学生申请 gpu

POST <http://localhost:8080/student/applyapplication>

请求体

```

{
  "name": "zhaoxuchu2",
  "reason": "做实验",
  "staus": "0",
  "start_time": "20220228",
  "end_time": "20220301"
}

```

(status 前端直接写死为 0)

```

{
  "msg": " ",
  "detail": {
    "id": 6,
    "name": "zhaoxuchu2",
    "reason": "做实验",
    "start_time": 20220228,
    "end_time": 20220301,
    "status": 0,
    "gpu_id": null
  },
  "success": true,
  "token": null
}

```

学生退出登录

Post <http://localhost:8080/student/logout>

```
{
  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0eXB1Ijoic3RlZGVudCIsImV4cCI6MTY0NjYyOTQ3MH0.imSF6WsAVPZY8R1k0nS3QBYPIoepnWVbueT9IVAPLE4"
}
```

返回:

```
{
  "msg": "退出成功",
  "detail": null,
  "success": false,
  "token": null
}
```

老师登录

Post <http://localhost:8080/teacher/login>

```
{
  "account": "123",
  "password": "111"
}
```

返回:

```
{
  "msg": "登录成功",
  "detail": {
    "id": 1,
    "teacher_name": "zzz",
    "password": "111",
    "email": null,
    "account": "123"
  },
  "success": true,
  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0eXB1Ijoic3RlZGVudCIsImV4cCI6MTY0NjYyOTQ3MH0.oZ7oPgaQneb5NfIaPnhO7wrFHJ_M1ueb9PSAshdlSMI"
}
```

老师修改个人信息

Post <http://localhost:8080/teacher/update>

请求体: (id 必填)

```
{
  "id": "1",
  "account": "123",
  "password": "111",
  "email": "999@qq.com"
}
```

返回

```
{
  "msg": "修改成功",
  "detail": {
    "id": 1,
    "teacher_name": "zzz",
    "password": "111",
    "email": "999@qq.com",
    "account": null
  },
  "success": true,
  "token": null
}
```

老师查看待审核申请

Post <http://localhost:8080/teacher/listtocheck>

返回:

```
{
  "msg": null,
  "detail": [
    {
      "id": 4,
      "name": "zxczz",
      "reason": "测试2",
      "start_time": null,
      "end_time": null,
      "status": 0,
      "gpu_id": null
    },
    {
      "id": 5,
      "name": "zxczz",
      "reason": "测试2",
      "start_time": null,

```

```

        "end_time": null,
        "status": 0,
        "gpu_id": null
    },
    {
        "id": 6,
        "name": "zhaoxuchu2",
        "reason": "做实验",
        "start_time": 20220228,
        "end_time": 20220301,
        "status": 0,
        "gpu_id": null
    }
],
"success": false,
"token": null
}

```

老师审核申请

Post <http://localhost:8080/teacher/check>

```

{
    "id" : "6",
    "status": "1"
}

```

(id 是对应的申请单的 id , status 前端写死, 直接传 1)

返回

```

{
    "msg": "修改成功",
    "detail": {
        "id": 6,
        "name": "zhaoxuchu2",
        "reason": "做实验",
        "start_time": 20220228,
        "end_time": 20220301,
        "status": 1,
        "gpu_id": null
    },
    "success": true,
    "token": null
}

```

管理员登录

Post <http://localhost:8080/admin/login>

```
{
  "account": "admin1",
  "password": "zxc123"
}
```

返回:

```
{
  "msg": "登录成功",
  "detail": {
    "id": 1,
    "account": "admin1",
    "password": "zxc123",
    "email": "953582049@qq.com",
    "admin_name": "admin"
  },
  "success": true,
  "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJ0eXB1IjoiYWRTaW4iLCJleHAiOjE2NDY2MzM3NDN9.VBcjWYQ8ZQSSQAlxgwSo_uKdDGd8p1VARz11BFqJsoE"
}
```

修改管理员信息

Post <http://localhost:8080/admin/updateadmin>

```
{
  "id": "1",
  "account": "admin1",
  "password": "zxc1243",
  "email": null,
}
```

(id 必带)

```
{
  "msg": "修改成功",
  "detail": {
    "id": 1,
    "account": null,
    "password": "zxc1243",
    "email": null,
    "admin_name": "admin"
  },
}
```

```
    "success": true,  
    "token": null  
}
```

录入管理员

Post <http://localhost:8080/admin/insertadmin>

```
{  
    "account": "admin2",  
    "password": "zxc1243",  
    "email": "999@qq.com",  
    "admin_name": "zxx"  
}
```

返回:

```
{  
    "msg": "录入成功",  
    "detail": {  
        "id": 2,  
        "account": "admin2",  
        "password": "zxc1243",  
        "email": "999@qq.com",  
        "admin_name": null  
    },  
    "success": true,  
    "token": null  
}
```

获取所有管理员

Post <http://localhost:8080/admin/getalladmin>

返回:

```
{  
    "msg": null,  
    "detail": [  
        {  
            "id": 1,  
            "account": "admin1",  
            "password": "zxc1243",  
            "email": null,  
            "admin_name": "admin"  
        },  
        {  
            "id": 2,  
            "account": "admin2",  
            "password": "zxc1243",  
            "email": null,  
            "admin_name": "zxx"  
        }  
    ]  
}
```

```
        "email": "999@qq.com",
        "admin_name": null
    }
],
"success": false,
"token": null
}
```

录入学生

Post <http://localhost:8080/admin/insertstudent>

```
{
    "student_name": "zzz",
    "password": "111",
    "email": "888@qq.com",
    "teacher_name": "zzz",
    "account": "8888"
}
```

返回:

```
{
    "msg": "录入成功",
    "detail": {
        "id": 3,
        "student_name": "zzz",
        "password": "111",
        "email": "888@qq.com",
        "teacher_id": 1,
        "account": "8888"
    },
    "success": true,
    "token": null
}
```

获取学生信息列表

Post <http://localhost:8080/admin/getallstudent>

返回:

```
{
    "msg": null,
    "detail": [
        {
            "id": 1,
```



```

        "student_name": "zhaoxuchu2",
        "password": "12355555",
        "email": "953585@qq.com",
        "teacher_id": 1,
        "account": "95358204@qq.com"
    },
    {
        "id": 2,
        "student_name": null,
        "password": "123",
        "email": null,
        "teacher_id": 0,
        "account": null
    },
    {
        "id": 3,
        "student_name": "zzz",
        "password": "111",
        "email": "888@qq.com",
        "teacher_id": 1,
        "account": "8888"
    }
],
"success": true,
"token": null
}

```

删除学生

Post <http://localhost:8080/admin/deletestudent>

Params key: id values: 1

返回:

```

{
    "msg": null,
    "detail": "删除成功",
    "success": true,
    "token": null
}

```

录入老师

Post <http://localhost:8080/admin/insertteacher>

```

{
    "teacher_name": "yy",

```

```
    "password": "zzz",
    "email": "cs_yy2018@126.com",
    "account": "111"
}
返回:
{
  "msg": "录入成功",
  "detail": {
    "id": 3,
    "teacher_name": "yy",
    "password": "zzz",
    "email": "cs_yy2018@126.com",
    "account": null
  },
  "success": true,
  "token": null
}
```

获取老师列表

Post <http://localhost:8080/admin/getallteacher>

返回:

```
{
  "msg": null,
  "detail": [
    {
      "id": 1,
      "teacher_name": "zzz",
      "password": "111",
      "email": "999@qq.com",
      "account": null
    },
    {
      "id": 2,
      "teacher_name": null,
      "password": "111",
      "email": null,
      "account": "123"
    },
    {
      "id": 3,
      "teacher_name": "yy",
      "password": "zzz",
      "email": "cs_yy2018@126.com",
      "account": null
    }
  ]
}
```

```
    }  
  ],  
  "success": false,  
  "token": null  
}
```

删除老师

Post <http://localhost:8080/admin/deleteteacher>

Params key: id values: 1

返回:

```
{  
  "msg": null,  
  "detail": "删除成功",  
  "success": true,  
  "token": null  
}
```

录入 gpu 信息

Post <http://localhost:8080/admin/insertgpu>

```
{  
  "resource_owner": "yy",  
  "resource_user": "yy",  
  "host_name": "111",  
  "ip": "111",  
  "gpu_resource": "1080t",  
  "username": "zzzz",  
  "password": "111",  
  "ssd": "256g",  
  "disk": "zzzzzz",  
  "memory": "1t",  
  "cpu": "i7",  
  "os": "intel",  
  "remarks": "test",  
  "user": null  
}
```

返回: {

```
  "msg": "录入成功",  
  "detail": {  
    "id": 2,
```

```

        "resource_owner": "yy",
        "resource_user": "yy",
        "host_name": "111",
        "ip": "111",
        "user": null,
        "gpu_resource": "1080t",
        "username": "zzzz",
        "password": "111",
        "ssd": "256g",
        "disk": "zzzzzz",
        "memory": "1t",
        "cpu": "i7",
        "os": "intel",
        "remarks": "test"
    },
    "success": true,
    "token": null
}

```

修改 gpu

Post <http://localhost:8080/admin/updategpu>

```

{
    "id": "1",
    "resource_owner": "yy",
    "resource_user": "yy",
    "host_name": "111",
    "ip": "111",
    "gpu_resource": "1080t",
    "username": "zzzz",
    "password": "111",
    "ssd": "256g",
    "disk": "zzzzzz",
    "memory": "1t",
    "cpu": "i7",
    "os": "intel",
    "remarks": "test222",
    "user": "zzzzzz1"
}

```

(id 必传)

返回:

```

{
    "msg": "修改成功",

```

```

    "detail": {
      "id": 1,
      "resource_owner": "yy",
      "resource_user": "yy",
      "host_name": "111",
      "ip": "111",
      "user": "zzzzzz1",
      "gpu_resource": "1080t",
      "username": "zzzz",
      "password": "111",
      "ssd": "256g",
      "disk": "zzzzzz",
      "memory": "1t",
      "cpu": "i7",
      "os": "intel",
      "remarks": "test222"
    },
    "success": true,
    "token": null
  }
}

```

获取 gpu 列表

Post <http://localhost:8080/admin/getallgpu>

```

{
  "id": "1",
  "resource_owner": "yy",
  "resource_user": "yy",
  "host_name": "111",
  "ip": "111",
  "gpu_resource": "1080t",
  "username": "zzzz",
  "password": "111",
  "ssd": "256g",
  "disk": "zzzzzz",
  "memory": "1t",
  "cpu": "i7",
  "os": "intel",
  "remarks": "test222",
  "user": "zzzzzz1"
}

```

返回:

```
{
  "msg": null,
  "detail": [
    {
      "id": 1,
      "resource_owner": "yy",
      "resource_user": "yy",
      "host_name": "111",
      "ip": "111",
      "user": "zzzzzz1",
      "gpu_resource": "1080t",
      "username": "zzzz",
      "password": "111",
      "ssd": "256g",
      "disk": "zzzzzz",
      "memory": "1t",
      "cpu": "i7",
      "os": "intel",
      "remarks": "test222"
    },
    {
      "id": 2,
      "resource_owner": "yy",
      "resource_user": "yy",
      "host_name": "111",
      "ip": "111",
      "user": null,
      "gpu_resource": "1080t",
      "username": "zzzz",
      "password": "111",
      "ssd": "256g",
      "disk": "zzzzzz",
      "memory": "1t",
      "cpu": "i7",
      "os": "intel",
      "remarks": "test"
    }
  ],
  "success": false,
  "token": null
}
```

删除 gpu

Post <http://localhost:8080/admin/deletegpu>

Params: key: id value: 1

```
{
  "msg": null,
  "detail": "删除成功",
  "success": true,
  "token": null
}
```

查看待分配申请单列表

Post <http://localhost:8080/admin/listtogive>

返回

```
{
  "msg": null,
  "detail": [
    {
      "id": 1,
      "name": "zxc",
      "reason": "测试",
      "start_time": null,
      "end_time": null,
      "status": 1,
      "gpu_id": null
    },
    {
      "id": 6,
      "name": "zhaoxuchu2",
      "reason": "做实验",
      "start_time": 20220228,
      "end_time": 20220301,
      "status": 1,
      "gpu_id": null
    }
  ],
  "success": false,
  "token": null
}
```

查看空闲 gpu (user 为空)

Post <http://localhost:8080/admin/availablegpu>

返回: {

```

    "msg": null,
    "detail": [
      {
        "id": 2,
        "resource_owner": "yy",
        "resource_user": "yy",
        "host_name": "111",
        "ip": "111",
        "user": null,
        "gpu_resource": "1080t",
        "username": "zzzz",
        "password": "111",
        "ssd": "256g",
        "disk": "zzzzzz",
        "memory": "1t",
        "cpu": "i7",
        "os": "intel",
        "remarks": "test"
      }
    ],
    "success": false,
    "token": null
  }
}

```

分配 gpu

Post <http://localhost:8080/admin/givegpu>

```

{
  "id": "2",
  "gpu_id": "2",
  "status": "2"
}

```

(id 是申请单 id, gpu_id 是空闲 gpu 的 id 从上一个接口取, status 直接前端写死为 2)

返回:

```

{
  "msg": "修改成功",
  "detail": {
    "id": 2,
    "name": "zxcz",
    "reason": "测试",
    "start_time": null,
    "end_time": null,
    "status": 2,
    "gpu_id": 2
  },
}

```



```
"success": true,  
"token": null  
}
```