

# 用户端接口

## ☑ 用户相关

@bp\_user.route('/user-api/v1/user/login', methods=['POST'])

### 登录接口

params:

```
{
  "code": "<code>"
}
```

ret:

```
{
  "jwt": "jwt",
  "errCode": "errcode", #0表示成功, 1表示出错
  "errMsg": "errMsg"
}
```

@bp\_user.route('/user-api/v1/user/bind', methods=['POST'])

@login\_required

### 绑定接口

params:

```
{
  "token": "ticket", #后端利用token获取学生信息
}
```

ret:

```
{
  "errCode": "errcode", #0表示成功, 1表示出错
  "errMsg": "errMsg"
}
```

@bp\_user.route('/user-api/v1/user/getBindStatus', methods=['GET'])

@login\_required

ret:

```
{
  "errCode": "errcode", #0表示成功, 1表示出错, 2表示jwt过期
  "errMsg": "errMsg",
  "isBind": BOOL
}
```

@bp\_user('/user-api/v1/user/getIdentity', methods=['GET'])

@login\_required

ret:

```
{
  "errCode": "errcode", #0表示成功, 1表示出错, 2表示jwt过期
  "errMsg": "errMsg",
  "identity": "xxx"
}
```

@bp\_user('/user-api/v1/user/getStudentInfo', methods=['GET'])

@login\_required

ret:

```
{
  "errCode": "errcode", #0表示成功, 1表示出错, 2表示jwt过期
  "errMsg": "errMsg",
  "stuID": "2018****010",
  "department": "xxx"
}
```

@bp\_instruction('/user-api/v1/instruction/getInstructionList', method=['GET'])

@login\_required

ret:

```
{
  "instructionList":
  [
    {
      "instructionID": number,
      "instructionName": "",
      "instructionTags":
      [
        "", ""
      ],
      "instructionCoverURL": ""
    }
  ]
}
```

@bp\_instruction('/user-api/v1/instruction/getSingleInstruction', method=['POST'])

@login\_required

params:

```
{
    "instructionID": number
}
```

ret:

```
{
    "instructionContent": "",
}
```

@bp\_instruction.route('/user-api/v1/instruction/getFreezeStatus', method=['GET'])

@login\_required

ret:

```
{
    "freezeStatus": bool,
    "freezeDate": ""
}
```

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### 预约相关

@bp\_reserve.route('/user-api/v1/reserve/getAllEquipmentStatus', methods=['POST'])

@login\_required

获取全部设备信息

params

```
{
    "year": number,
    "month": number,
    "day": number
}
```

ret:

```
{
    "errCode": number,
    "errMsg": "",
    "status":
    [
        {
            "equipmentType": number,
            "equipmentName": "name",

```

```
        "equipmentID": number,
        "equipmentStatus": number, #0空闲, 1拥挤, 2已满
        "equipmentImageURL": ""
    }
]
}
```

@bp\_reserve.route('/user-api/v1/reserve/getEquipmentStatus', methods=['POST'])

@login\_required

获取某一台设备信息

params

```
{
    "year": number,
    "month": number,
    "day": number,
    "equipmentType": number,
    "equipmentID": number
}
```

ret:

```
{
    "errCode": number,
    "errMsg": "",
    "equipmentName": "name",
    "equipmentDescription": "",
    "equipmentImageURL": "",
    "equipmentSpareTime":
    [
        {
            "startTime": "", #时间格式: hh:mm
            "endTime": ""
        } # 保证返回正确的时间
    ]
}
```

@bp\_reserve.route('/user-api/v1/reserve/reserveEquipment', methods=['POST'])

@login\_required

预约设备

params:

```
{
  "startTime": "",
  "endTime": "",
  "year": number,
  "month": number,
  "date": number,
  "equipmentType": number,
  "equipmentID": number
}
```

ret:

```
{
  "errCode": number,
  "errMsg": ""
}
```

@bp\_reserve.route('/user-api/v1/reserve/getCurrentReserveInfo', methods=['GET'])

@login\_required

获取当前预约信息，今天及以后

ret:

```
{
  "errCode": number,
  "info":
    [
      {
        "reserveID": number,
        "equipmentName": "",
        "equipmentID": number,
        "startTime": "",
        "endTime": "",
        "year": number,
        "month": number,
        "date": number,
        "status": ""
      }
    ]
}
```

@bp\_reserve.route('/user-api/v1/reserve/getHistoryReserveInfo', methods=['GET'])

@login\_required

获取历史预约信息

ret:

```
{
  "errCode": number,
  "info":
    [
      {

```

```
        "reserveID": number,
        "equipmentName": "",
        "equipmentID": number,
        "startTime": "",
        "endTime": "",
        "year": number,
        "month": number,
        "date": number,
        "status": ""
    }
]
}
```

@bp\_reserve.route('/user-api/v1/checkIn', methods=['POST'])

@login\_required

params:

```
{
    "hashCode": "", #已加密
}
```

ret:

```
{
    "errCode": number,
    "checkInStatus": number,    #0为签到成功, 1为码无效, 2为无相关记录
    "errMsg": ""
}
```

@bp\_reserve.route('/user-api/v1/reserve/cancelReserve', methods=['POST'])

@login\_required

取消某次预约

params:

```
{
    "reserveID": number
}
```

ret:

```
{
    "errCode": number
}
```

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☒ 公告相关

@bp\_notice.route('/user-api/v1/reserve/getNotice', methods=['GET'])

@login\_required

ret:

```
{  
  "errCode": number,  
  "errMsg": "",  
  "noticeContent": "",  
  "noticeDate": "", #格式的样例: "2021-11-09"  
  "expireDate": "", #格式的样例: "2021-11-12"  
}
```