

一、未授权处理

以下 api 均是库存品操作 api，若未授权，即用户没有登录，则无法执行任何操作，则统一返回如下数据：

```
{
  "detail": "Authentication credentials were not provided."
}
```

二、入库

URL: http://118.89.20.122:8888/api/equipment_input/

Method: post

1. 正常

```
{
  "id": 3,
  "inputEquipment": {
    "id": 2,
    "equipmentID": "3",
    "equipmentType": "2333",
    "equipmentStoreState": "在用",
    "equipmentMark": "233333",
    "equipmentHour": 0,
    "equipmentBand": "3",
    "equipmentOriginal": "3",
    "equipmentYear": "1111-11-11",
    "equipmentState": "2333",
    "equipmentPosition": "2333",
    "equipmentUnit": "1.00",
    "description": "123"
  },
  "inputDateTime": "2017-08-29",
  "inputOperator": "xxz",
  "inputNum": 1
}
```

2. 空缺

```
{
  "inputEquipment": {
    "equipmentID": [
      "This field may not be blank."
    ]
  },
  "inputDateTime": [
    "Date has wrong format. Use one of these formats instead: YYYY[-MM[-DD]]."
  ],
  "inputOperator": [
    "This field may not be blank."
  ],
  "inputNum": [
    "A valid integer is required."
  ]
}
```

3. 长字符串

```
{
```

```

"inputEquipment": {
  "equipmentID": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentType": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentMark": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentBand": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentOriginal": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentState": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentPosition": [
    "Ensure this field has no more than 100 characters."
  ],
  "equipmentUnit": [
    "String value too large."
  ]
},
"inputOperator": [
  "Ensure this field has no more than 100 characters."
],
"inputNum": [
  "A valid integer is required."
]
}

```

4. 各类输入格式错误

```

{
  "inputEquipment": {
    "equipmentHour": [//输入小数
      "A valid integer is required."
    ],
    "equipmentHour": [//负数
      "equipment Hour is negative!"
    ],
    "equipmentHour": [//数字过大
      "Ensure this value is less than or equal to 2147483647."
    ],
    "equipmentYear": [
      "Date has wrong format. Use one of these formats instead: YYYY[-MM[-DD]]."
    ],
    "equipmentUnit": [//输入负数
      "equipment Unit is negative!"
    ],
    "equipmentUnit": [//输入非数
      "A valid number is required."
    ],
    "equipmentUnit": [//输入大数
      "Ensure that there are no more than 8 digits in total."
    ]
  ]
}

```

```

    },
    },
    "inputDateTime": [
        "Date has wrong format. Use one of these formats instead: YYYY[-MM[-DD]]."
    ],
    "inputNum": [//输入负数
        "Input Number is negative!"
    ],
    "inputNum": [//输入小数/非数/空
        "A valid integer is required."
    ],
    "inputNum": [//输入大数
        "Ensure this value is less than or equal to 2147483647."
    ]
}

```

三、拿到所有库存品信息

URL: <http://118.89.20.122:8888/api/equipment/>

Method: get

正常:

```

{
  "count": 12,
  "next": "http://118.89.20.122:8888/api/equipment/?limit=10&offset=10",
  "previous": null,
  "results": [
    {
      "id": 2,
      "equipmentID": "3",
      "equipmentType": "2333",
      "equipmentStoreState": "在用",
      "equipmentMark": "233333",
      "equipmentNum": 3,
      "equipmentHour": 30,
      "equipmentBand": "3",
      "equipmentOriginal": "3",
      "equipmentYear": "1111-11-11",
      "equipmentState": "2333",
      "equipmentPosition": "2333",
      "equipmentUnit": "5.00",
      "description": "123",
      "company": null
    },
    {
      "id": 3,
      "equipmentID": "1",
      "equipmentType": "2333",
      "equipmentStoreState": "在用",
      "equipmentMark": "233333",
      "equipmentNum": 3,
      "equipmentHour": 0,
      "equipmentBand": "3",
      "equipmentOriginal": "3",
      "equipmentYear": "1111-11-11",
      "equipmentState": "2333",
      "equipmentPosition": "2333",
      "equipmentUnit": "3.26",
      "description": "123",

```

```
"company": null
},
{
  "id": 8,
  "equipmentID": "a",
  "equipmentType": "2333",
  "equipmentStoreState": "在用",
  "equipmentMark": "2333",
  "equipmentNum": 2333,
  "equipmentHour": 123,
  "equipmentBand": "123",
  "equipmentOriginal": "123",
  "equipmentYear": "1111-11-11",
  "equipmentState": "123",
  "equipmentPosition": "123",
  "equipmentUnit": "123.00",
  "description": "",
  "company": null
},
{
  "id": 9,
  "equipmentID": "b",
  "equipmentType": "2333",
  "equipmentStoreState": "在用",
  "equipmentMark": "2333",
  "equipmentNum": 7029,
  "equipmentHour": 123,
  "equipmentBand": "123",
  "equipmentOriginal": "123",
  "equipmentYear": "1111-11-11",
  "equipmentState": "123",
  "equipmentPosition": "123",
  "equipmentUnit": "123.00",
  "description": "",
  "company": null
},
{
  "id": 10,
  "equipmentID": "c",
  "equipmentType": "2333",
  "equipmentStoreState": "在用",
  "equipmentMark": "2333",
  "equipmentNum": 2333,
  "equipmentHour": 123,
  "equipmentBand": "123",
  "equipmentOriginal": "123",
  "equipmentYear": "1111-11-11",
  "equipmentState": "123",
  "equipmentPosition": "123",
  "equipmentUnit": "123.00",
  "description": "",
  "company": null
},
{
  "id": 11,
  "equipmentID": "t2",
  "equipmentType": "2",
  "equipmentStoreState": "在用",
  "equipmentMark": "2",
```

```
"equipmentNum": 2000,
"equipmentHour": 2,
"equipmentBand": "2",
"equipmentOriginal": "2",
"equipmentYear": "2222-11-11",
"equipmentState": "2",
"equipmentPosition": "2",
"equipmentUnit": "2.00",
"description": "2",
"company": null
},
{
  "id": 12,
  "equipmentID": "23",
  "equipmentType": "2",
  "equipmentStoreState": "在用",
  "equipmentMark": "2",
  "equipmentNum": 2000,
  "equipmentHour": 2,
  "equipmentBand": "2",
  "equipmentOriginal": "2",
  "equipmentYear": "2222-11-11",
  "equipmentState": "2",
  "equipmentPosition": "2",
  "equipmentUnit": "2.00",
  "description": "2",
  "company": null
},
{
  "id": 13,
  "equipmentID": "??",
  "equipmentType": "2",
  "equipmentStoreState": "在用",
  "equipmentMark": "2",
  "equipmentNum": 2000,
  "equipmentHour": 2,
  "equipmentBand": "2",
  "equipmentOriginal": "2",
  "equipmentYear": "2222-11-11",
  "equipmentState": "2",
  "equipmentPosition": "2",
  "equipmentUnit": "2.00",
  "description": "2",
  "company": null
},
{
  "id": 14,
  "equipmentID": "???",
  "equipmentType": "2",
  "equipmentStoreState": "在用",
  "equipmentMark": "2",
  "equipmentNum": 2000,
  "equipmentHour": 2,
  "equipmentBand": "2",
  "equipmentOriginal": "2",
  "equipmentYear": "2222-11-11",
  "equipmentState": "2",
  "equipmentPosition": "2",
  "equipmentUnit": "2.00",
```

```

        "description": "2",
        "company": null
    },
    {
        "id": 16,
        "equipmentID": "d",
        "equipmentType": "2",
        "equipmentStoreState": "在用",
        "equipmentMark": "2",
        "equipmentNum": 2000,
        "equipmentHour": 2,
        "equipmentBand": "2",
        "equipmentOriginal": "2",
        "equipmentYear": "2222-11-11",
        "equipmentState": "2",
        "equipmentPosition": "2",
        "equipmentUnit": "2.00",
        "description": "2",
        "company": null
    }
]
}

```

四、查看单个库存品的详细信息，可进行删除、修改、查看操作

URL: <http://118.89.20.122:8888/api/equipment/2/> 其中2是id

Method: get delete

1.正常

```

{
    "id": 2,
    "equipmentID": "3",
    "equipmentType": "2333",
    "equipmentStoreState": "在用",
    "equipmentMark": "233333",
    "equipmentNum": 4,
    "equipmentHour": 30,
    "equipmentBand": "3",
    "equipmentOriginal": "3",
    "equipmentYear": "1111-11-11",
    "equipmentState": "2333",
    "equipmentPosition": "2333",
    "equipmentUnit": "5.00",
    "description": "123"
}

```

2.重复

```

{
    "equipmentID": "This ID has been used!"
}

```

3.未找到

```

{
    "detail": "Not found."
}

```

4.各类格式错误报错信息同入库

五、获得某一库存品入库记录

URL: <http://118.89.20.122:8888/api/equipment/inputlist?id=13>其中13是id

Method: get

1.正常

```
[
  {
    "id": 13,
    "inputDateTime": "1111-11-11",
    "inputOperator": "123",
    "inputNum": 2333,
    "inputEquipment": {
      "id": 9,
      "equipmentID": "b",
      "equipmentType": "2333",
      "equipmentStoreState": "在用",
      "equipmentMark": "2333",
      "equipmentNum": 9332,
      "equipmentHour": 123,
      "equipmentBand": "123",
      "equipmentOriginal": "123",
      "equipmentYear": "1111-11-11",
      "equipmentState": "123",
      "equipmentPosition": "123",
      "equipmentUnit": "123.00",
      "description": "",
      "owner": 10
    }
  },
  {
    "id": 14,
    "inputDateTime": "1111-11-11",
    "inputOperator": "123",
    "inputNum": 2333,
    "inputEquipment": {
      "id": 9,
      "equipmentID": "b",
      "equipmentType": "2333",
      "equipmentStoreState": "在用",
      "equipmentMark": "2333",
      "equipmentNum": 9332,
      "equipmentHour": 123,
      "equipmentBand": "123",
      "equipmentOriginal": "123",
      "equipmentYear": "1111-11-11",
      "equipmentState": "123",
      "equipmentPosition": "123",
      "equipmentUnit": "123.00",
      "description": "",
      "owner": 10
    }
  },
  {
    "id": 15,
    "inputDateTime": "1111-11-11",
    "inputOperator": "123",
    "inputNum": 2333,
    "inputEquipment": {
      "id": 9,
      "equipmentID": "b",
      "equipmentType": "2333",
      "equipmentStoreState": "在用",
      "equipmentMark": "2333",
```

```

        "equipmentNum": 9332,
        "equipmentHour": 123,
        "equipmentBand": "123",
        "equipmentOriginal": "123",
        "equipmentYear": "1111-11-11",
        "equipmentState": "123",
        "equipmentPosition": "123",
        "equipmentUnit": "123.00",
        "description": "",
        "owner": 10
    }
},
{
    "id": 16,
    "inputDateTime": "1111-11-11",
    "inputOperator": "123",
    "inputNum": 2333,
    "inputEquipment": {
        "id": 9,
        "equipmentID": "b",
        "equipmentType": "2333",
        "equipmentStoreState": "在用",
        "equipmentMark": "2333",
        "equipmentNum": 9332,
        "equipmentHour": 123,
        "equipmentBand": "123",
        "equipmentOriginal": "123",
        "equipmentYear": "1111-11-11",
        "equipmentState": "123",
        "equipmentPosition": "123",
        "equipmentUnit": "123.00",
        "description": "",
        "owner": 10
    }
}
]

```

2.不存在的id

不报错，返回空

六、查看详细入库记录

URL: http://118.89.20.122:8888/api/equipment_input_detail/23/ 其中23为入库记录的数据库id，前一api已经返回

Method: get

1.正常

```

{
    "id": 15,
    "inputDateTime": "1111-11-01",
    "inputOperator": "123",
    "inputNum": 2333,
    "inputEquipment": {
        "id": 9,
        "equipmentID": "b",
        "equipmentType": "2333",
        "equipmentStoreState": "在用",
        "equipmentMark": "2333",
        "equipmentNum": 9332,

```



```
    "equipmentHour": 123,
    "equipmentBand": "123",
    "equipmentOriginal": "123",
    "equipmentYear": "1111-11-11",
    "equipmentState": "123",
    "equipmentPosition": "123",
    "equipmentUnit": "123.00",
    "description": "",
    "owner": 10
  }
}
```

2.没有相关记录

```
{
  "detail": "Not found."
}
```

七、出库

URL: http://118.89.20.122:8888/api/equipment_output/

Method: post

1.正常

```
{
  "id": 3,
  "outputEquipment": {
    "equipmentID": "3"
  },
  "outputDateTime": "2017-07-07",
  "equipmentUser": "x",
  "outputOperator": "xxz2",
  "leftNum": 3,
  "outputNum": 1
}
```

2.空缺

```
{
  "outputEquipment": {
    "equipmentID": [
      "This field may not be blank."
    ]
  },
  "outputDateTime": [
    "Date has wrong format. Use one of these formats instead: YYYY[-MM[-DD]]."
  ],
  "equipmentUser": [
    "This field may not be blank."
  ],
  "outputOperator": [
    "This field may not be blank."
  ],
  "outputNum": [
    "A valid integer is required."
  ]
}
```

3.各类格式问题

```
{
  "outputDateTime": [//日期
    "Date has wrong format. Use one of these formats instead: YYYY[-MM[-DD]]."
  ],
  "outputNum": [//输入小数
```

```

    "A valid integer is required."
  ],
  "outputNum": [//输入负数
    "Output Number is negative!"
  ],

  "outputNum": [//输入过大的数
    "Ensure this value is less than or equal to 2147483647."
  ]
}

```

4.数量不够

```

{
  "equipmentNum": "Left Number is insufficient!"
}

```

5.货物不存在

```

{
  "detail": "There is no such goods!"
}

```

6.长字符串

```

{
  "outputEquipment": {
    "equipmentID": [
      "Ensure this field has no more than 100 characters."
    ]
  },
  "equipmentUser": [
    "Ensure this field has no more than 100 characters."
  ],
  "outputOperator": [
    "Ensure this field has no more than 100 characters."
  ]
}

```

八、获取出库记录

URL: <http://118.89.20.122:8888/api/equipment/outputlist?id=2> 其中2是id

Method: get

1.正常

```

{
  "count": 1,
  "next": null,
  "previous": null,
  "results": [
    {
      "id": 3,
      "outputDateTime": "2017-07-07",
      "equipmentUser": "x",
      "outputOperator": "xxz2",
      "leftNum": 3,
      "outputNum": 1,
      "outputDescription": ""
    }
  ]
}

```

2. 没有相关记录:

返回空，不报错

九、查看详细出货记录

URL: http://118.89.20.122:8888/api/equipment_output_detail/6/

Method: update, delete, get

1.正常

```
{
  "id": 4,
  "outputDateTime": "2000-01-01",
  "equipmentUser": "1",
  "outputOperator": "xxz",
  "leftNum": 9331,
  "outputNum": 1,
  "outputEquipment": {
    "id": 9,
    "equipmentID": "b",
    "equipmentType": "2333",
    "equipmentStoreState": "在用",
    "equipmentMark": "2333",
    "equipmentNum": 7029,
    "equipmentHour": 123,
    "equipmentBand": "123",
    "equipmentOriginal": "123",
    "equipmentYear": "1111-11-11",
    "equipmentState": "123",
    "equipmentPosition": "123",
    "equipmentUnit": "123.00",
    "description": "",
    "owner": 10
  }
}
```

2.没找到相关记录

```
{
  "detail": "Not found."
}
```

3.格式问题同之前

十、有条件查找

URL: <http://118.89.20.122:8888/api/equipment/search?equipmentID=C>

Method: get

Parameter: equipmentID equipmentType equipmentBand equipmentOriginal equipmentPostion
equipmentYearStart equipmentYearEnd 可以按照上述字段查找库存品

日期格式错误

```
{
  "detail": "Invalid time format!"
}
```