

一、权限不足

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

二、入库

URL: http://118.89.20.122:8888/api/part_input/

Method: post

1.正常

```
{
  "id": 3,
  "inputPart": {
    "id": 2,
    "partID": "1",
    "partType": "1",
    "partStoreState": "在用",
    "partMark": "1",
    "partBand": "1",
    "partOriginal": "1",
    "partYear": "2222-11-11",
    "partState": "1",
    "partPosition": "1",
    "partUnit": "1.00",
    "partName": "1",
    "partCompany": "1",
    "partMachineName": "1",
    "partMachineType": "1",
    "partMachineBand": "1",
    "partCondition": "",
    "partVulnerability": "",
    "description": ""
  },
  "inputDateTime": "2222-11-11",
  "inputOperator": "11",
  "inputNum": 11111
}
```

2.空缺

```
{
  "inputPart": {
    "partID": [
      "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

```
{
  "inputPart": {
    "partID": [
```

```

        "Ensure this field has no more than 100 characters."
    ],
    "partType": [
        "Ensure this field has no more than 100 characters."
    ],
    "partMark": [
        "Ensure this field has no more than 100 characters."
    ],
    "partBand": [
        "Ensure this field has no more than 100 characters."
    ],
    "partOriginal": [
        "Ensure this field has no more than 100 characters."
    ],
    "partState": [
        "Ensure this field has no more than 100 characters."
    ],
    "partPosition": [
        "Ensure this field has no more than 100 characters."
    ],
    "partName": [
        "Ensure this field has no more than 100 characters."
    ],
    "partCompany": [
        "Ensure this field has no more than 100 characters."
    ],
    "partMachineName": [
        "Ensure this field has no more than 100 characters."
    ],
    "partMachineType": [
        "Ensure this field has no more than 100 characters."
    ],
    "partMachineBand": [
        "Ensure this field has no more than 100 characters."
    ],
    "partCondition": [
        "Ensure this field has no more than 100 characters."
    ],
    "partVulnerability": [
        "Ensure this field has no more than 100 characters."
    ]
    ],
    "inputOperator": [
        "Ensure this field has no more than 100 characters."
    ]
    ],
}

```

4. 各类格式错误

```

{
    "inputPart": {
        "partUnit": [//负数
            "Part Unit is negative!"
        ],
        "partUnit": [//非数
            "A valid number is required."
        ],
        "partUnit": [//太长
            "Ensure that there are no more than 8 digits in total."
        ]
    },
}

```

```
"inputNum": [//负数 / 小数 / 非数
  "A valid integer is required."
],
"inputNum": [//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/part/>

Method: get

正常:

```
[
  {
    "id": 2,
    "partID": "1",
    "partType": "1",
    "partStoreState": "在用",
    "partMark": "1",
    "partNum": 11111,
    "partBand": "1",
    "partOriginal": "1",
    "partYear": "2222-11-11",
    "partState": "1",
    "partPosition": "1",
    "partUnit": "1.00",
    "partName": "1",
    "partCompany": "1",
    "partMachineName": "1",
    "partMachineType": "1",
    "partMachineBand": "1",
    "partCondition": "",
    "partVulnerability": "",
    "description": ""
  },
  {
    "id": 3,
    "partID": "aa",
    "partType": "aa",
    "partStoreState": "在用",
    "partMark": "aaa",
    "partNum": 13577,
    "partBand": "aaa",
    "partOriginal": "aaa",
    "partYear": "2222-11-11",
    "partState": "aaa",
    "partPosition": "aaa",
    "partUnit": "3.14",
    "partName": "aaa",
    "partCompany": "aaa",
    "partMachineName": "aaa",
    "partMachineType": "aaa",
    "partMachineBand": "aaa",
    "partCondition": "aaa",
    "partVulnerability": "aaa",
    "description": "aaa"
  },
]
```

```

{
  "id": 4,
  "partID": "aab",
  "partType": "aa",
  "partStoreState": "在用",
  "partMark": "aaa",
  "partNum": 12343,
  "partBand": "aaa",
  "partOriginal": "aaa",
  "partYear": "2222-11-11",
  "partState": "aaa",
  "partPosition": "aaa",
  "partUnit": "3.14",
  "partName": "aaa",
  "partCompany": "aaa",
  "partMachineName": "aaa",
  "partMachineType": "aaa",
  "partMachineBand": "aaa",
  "partCondition": "aaa",
  "partVulnerability": "aaa",
  "description": "aaa"
},
{
  "id": 5,
  "partID": "b",
  "partType": "aa",
  "partStoreState": "在用",
  "partMark": "aaa",
  "partNum": 49372,
  "partBand": "aaa",
  "partOriginal": "aaa",
  "partYear": "2222-11-11",
  "partState": "aaa",
  "partPosition": "aaa",
  "partUnit": "3.14",
  "partName": "aaa",
  "partCompany": "aaa",
  "partMachineName": "aaa",
  "partMachineType": "aaa",
  "partMachineBand": "aaa",
  "partCondition": "aaa",
  "partVulnerability": "aaa",
  "description": "aaa"
}
]

```

四、查看单个库存品的详细信息，可以增删改查

URL: <http://118.89.20.122:8888/api/part/Al001/> 其中Al001是材料标号

Method: get delete

1.正常

```

{
  "id": 3,
  "partID": "aa",
  "partType": "aa",
  "partStoreState": "在用",
  "partMark": "aaa",
  "partNum": 13577,

```

```
"partBand": "aaa",
"partOriginal": "aaa",
"partYear": "2222-11-11",
"partState": "aaa",
"partPosition": "aaa",
"partUnit": "3.14",
"partName": "aaa",
"partCompany": "aaa",
"partMachineName": "aaa",
"partMachineType": "aaa",
"partMachineBand": "aaa",
"partCondition": "aaa",
"partVulnerability": "aaa",
"description": "aaa"
}
```

2.重复

```
{
  "partID": "This ID has been used!"
}
```

3.未找到

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

4.各类格式错误同入库

五、获得某一库存品入库记录

URL: <http://118.89.20.122:8888/api/part/inputlist?partID=Cu001> 其中Cu001是材料标号

Method: get

1.正常

```
[
  {
    "id": 4,
    "inputDateTime": "2222-11-11",
    "inputOperator": "xxz",
    "inputNum": 1234,
    "inputPart": {
      "id": 3,
      "partID": "aa",
      "partType": "aa",
      "partStoreState": "在用",
      "partMark": "aaa",
      "partNum": 13577,
      "partBand": "aaa",
      "partOriginal": "aaa",
      "partYear": "2222-11-11",
      "partState": "aaa",
      "partPosition": "aaa",
      "partUnit": "3.14",
      "partName": "aaa",
      "partCompany": "aaa",
      "partMachineName": "aaa",
      "partMachineType": "aaa",
      "partMachineBand": "aaa",
      "partCondition": "aaa",
      "partVulnerability": "aaa",
      "description": "aaa",
      "owner": 10
    }
  }
]
```

```

    }
  },
  {
    "id": 5,
    "inputDateTime": "2222-11-11",
    "inputOperator": "xxz",
    "inputNum": 12343,
    "inputPart": {
      "id": 3,
      "partID": "aa",
      "partType": "aa",
      "partStoreState": "在用",
      "partMark": "aaa",
      "partNum": 13577,
      "partBand": "aaa",
      "partOriginal": "aaa",
      "partYear": "2222-11-11",
      "partState": "aaa",
      "partPosition": "aaa",
      "partUnit": "3.14",
      "partName": "aaa",
      "partCompany": "aaa",
      "partMachineName": "aaa",
      "partMachineType": "aaa",
      "partMachineBand": "aaa",
      "partCondition": "aaa",
      "partVulnerability": "aaa",
      "description": "aaa",
      "owner": 10
    }
  }
]

```

2.不存在的ID

不报错，返回为空

六、查看详细入库记录

URL: http://118.89.20.122:8888/api/part_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": 4,
  "inputDateTime": "2222-11-11",
  "inputOperator": "xxz",
  "inputNum": 1234,
  "inputPart": {
    "id": 3,
    "partID": "aa",
    "partType": "aa",
    "partStoreState": "在用",
    "partMark": "aaa",
    "partNum": 13577,
    "partBand": "aaa",
    "partOriginal": "aaa",
    "partYear": "2222-11-11",
    "partState": "aaa",
  }
}

```

```
    "partPosition": "aaa",
    "partUnit": "3.14",
    "partName": "aaa",
    "partCompany": "aaa",
    "partMachineName": "aaa",
    "partMachineType": "aaa",
    "partMachineBand": "aaa",
    "partCondition": "aaa",
    "partVulnerability": "aaa",
    "description": "aaa",
    "owner": 10
  }
}
```

2.没有相关记录

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

七、出库

URL: http://118.89.20.122:8888/api/part_output/

Method: post

1.正常

```
{
  "id": 3,
  "outputPart": {
    "partID": "aa"
  },
  "outputDateTime": "2222-11-11",
  "partUser": "2",
  "outputOperator": "xxz",
  "leftNum": 13575,
  "outputNum": 1
}
```

2.空缺

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

3.各类格式错误

```
{
  "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": [//输入大数
    "Ensure this value is less than or equal to 2147483647."
  ]
}

```

4.数量不足

```

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

```

5.货物不存在

```

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

```

6.长字符串

```

{
  "outputPart": {
    "partID": [
      "Ensure this field has no more than 100 characters."
    ]
  },
  "partUser": [
    "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/part/outputlist?partID=Cu001> 其中Cu001是材料标号

Method: get

1.正常

```

[
  {
    "id": 2,
    "outputDateTime": "2222-11-11",
    "partUser": "2",
    "outputOperator": "xxz",
    "leftNum": 13576,
    "outputNum": 1,
    "outputPart": {
      "id": 3,
      "partID": "aa",
      "partType": "aa",
      "partStoreState": "在用",
      "partMark": "aaa",

```



```

        "partNum": 1230,
        "partBand": "aaa",
        "partOriginal": "aaa",
        "partYear": "2222-11-11",
        "partState": "aaa",
        "partPosition": "aaa",
        "partUnit": "3.14",
        "partName": "aaa",
        "partCompany": "aaa",
        "partMachineName": "aaa",
        "partMachineType": "aaa",
        "partMachineBand": "aaa",
        "partCondition": "aaa",
        "partVulnerability": "aaa",
        "description": "aaa",
        "owner": 10
    }
},
{
    "id": 3,
    "outputDateTime": "2222-11-11",
    "partUser": "2",
    "outputOperator": "xxz",
    "leftNum": 13575,
    "outputNum": 1,
    "outputPart": {
        "id": 3,
        "partID": "aa",
        "partType": "aa",
        "partStoreState": "在用",
        "partMark": "aaa",
        "partNum": 1230,
        "partBand": "aaa",
        "partOriginal": "aaa",
        "partYear": "2222-11-11",
        "partState": "aaa",
        "partPosition": "aaa",
        "partUnit": "3.14",
        "partName": "aaa",
        "partCompany": "aaa",
        "partMachineName": "aaa",
        "partMachineType": "aaa",
        "partMachineBand": "aaa",
        "partCondition": "aaa",
        "partVulnerability": "aaa",
        "description": "aaa",
        "owner": 10
    }
},
{
    "id": 4,
    "outputDateTime": "2222-11-11",
    "partUser": "x",
    "outputOperator": "xxz",
    "leftNum": 1230,
    "outputNum": 12345,
    "outputPart": {
        "id": 3,
        "partID": "aa",
        "partType": "aa",

```

```

        "partStoreState": "在用",
        "partMark": "aaa",
        "partNum": 1230,
        "partBand": "aaa",
        "partOriginal": "aaa",
        "partYear": "2222-11-11",
        "partState": "aaa",
        "partPosition": "aaa",
        "partUnit": "3.14",
        "partName": "aaa",
        "partCompany": "aaa",
        "partMachineName": "aaa",
        "partMachineType": "aaa",
        "partMachineBand": "aaa",
        "partCondition": "aaa",
        "partVulnerability": "aaa",
        "description": "aaa",
        "owner": 10
    }
}
]

```

2.不存在时 返回空 不报错

九、查看详细出货记录

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

Method: update, delete, get

1.正常

```

{
    "id": 4,
    "outputDateTime": "2222-11-11",
    "partUser": "x",
    "outputOperator": "xxz",
    "leftNum": 1230,
    "outputNum": 12345,
    "outputPart": {
        "id": 3,
        "partID": "aa",
        "partType": "aa",
        "partStoreState": "在用",
        "partMark": "aaa",
        "partNum": 1230,
        "partBand": "aaa",
        "partOriginal": "aaa",
        "partYear": "2222-11-11",
        "partState": "aaa",
        "partPosition": "aaa",
        "partUnit": "3.14",
        "partName": "aaa",
        "partCompany": "aaa",
        "partMachineName": "aaa",
        "partMachineType": "aaa",
        "partMachineBand": "aaa",
        "partCondition": "aaa",
        "partVulnerability": "aaa",
        "description": "aaa",
        "owner": 10
    }
}

```

```
}
```

2.没有相关记录

```
{
```

```
  "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/part/search?partID=C>

Method: get

Parameter: partID partType partBand partOriginal partPostion partYearStart partYearEnd 可以按照上述字段查找库存品

日期格式错误

```
{
```

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

```
}
```