Welcome to the Git@OSC wiki!

####1.统计用户、商品、订单数量

/manage/statistic/base_count.do

    request

无

    response

success

```
{
    "status": 0,
    "data": {
        userCount: 123,
        productCount: 456,
        orderCount: 789
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```
或
```
{
    "status": 1,
    "msg": "出错啦"
}
```

####1.后台管理员登录

/manage/user/login.do

    request

String username,
String password

    response

success

```
{
    "status": 0,
    "data": {
        "id": 12,
        "username": "aaa",
        "email": "aaa@163.com",
        "phone": null,
        "role": 0,
        "createTime": 1479048325000,
        "updateTime": 1479048325000
    }
}
```

fail

```
{
    "status": 1,
    "msg": "密码错误"
}
```

####2.用户列表

/manage/user/list.do

    request

pageSize(default=10)
pageNum(default=1)

response

success

```
{
    "status": 0,
    "data": {
        "pageNum": 1,
        "pageSize": 3,
        "size": 3,
        "orderBy": null,
        "startRow": 1,
        "endRow": 3,
        "total": 16,
        "pages": 6,
        "list": [
            {
                "id":17,
                "username":"rosen",
                "password":"",
                "email":"rosen1@happymmall.com",
                "phone":"15011111111",
                "question":"啊哈哈",
                "answer":"服不服",
                "role":0,
                "createTime":1489719093000,
                "updateTime":1513682138000
            },
            {
                "id":17,
                "username":"rosen",
                "password":"",
                "email":"rosen1@happymmall.com",
                "phone":"15011111111",
                "question":"啊哈哈",
                "answer":"服不服",
                "role":0,
                "createTime":1489719093000,
                "updateTime":1513682138000
            }
        ],
        "firstPage": 1,
        "prePage": 0,
        "nextPage": 2,
        "lastPage": 6,
        "isFirstPage": true,
        "isLastPage": false,
        "hasPreviousPage": false,
        "hasNextPage": true,
        "navigatePages": 8,
        "navigatepageNums": [
            1,
            2,
            3,
            4,
            5,
            6
        ]
    }
}
```

fail

```
{
 "status": 10,
 "msg": "用户未登录,请登录"
}
```

或

```
{
 "status": 1,
 "msg": "没有权限"
}
```

####3.模板

/REPLACE/.do

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

2.产品搜索

/manage/product/search.do

request

```
productName
productId
pageNum(default=1)
pageSize(default=10)
```

response

success

```
{
    "status": 0,
    "data": {
        "pageNum": 1,
        "pageSize": 10,
        "size": 1,
        "orderBy": null,
        "startRow": 1,
        "endRow": 1,
        "total": 1,
        "pages": 1,
        "list": [
            {
                "id": 1,
                "categoryId": 3,
                "name": "iphone7",
                "subtitle": "双十一促销",
                "mainImage": "mainimage.jpg",
                "price": 7199.22
            }
        ],
        "firstPage": 1,
        "prePage": 0,
        "nextPage": 0,
        "lastPage": 1,
        "isFirstPage": true,
        "isLastPage": true,
        "hasPreviousPage": false,
        "hasNextPage": false,
        "navigatePages": 8,
        "navigatepageNums": [
            1
        ]
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

3.图片上传

/manage/product/upload.do

request

```
<form name="form2" action="/manage/product/upload.do" method="post"  enctype="multipart/form-data">
```

```
    <input type="file" name="upload_file">
    <input type="submit" value="upload"/>
</form>
```

response

success

```
{
    "status": 0,
    "data": {
        "uri": "e6604558-c0ff-41b9-b6e1-30787a1e3412.jpg",
        "url": "http://img.happymmall.com/e6604558-c0ff-41b9-b6e1-30787a1e3412.jpg"
    }
}
```

fail

status!=0的时候

4.产品详情

http://localhost:8080/manage/product/detail.do?productId=2

/manage/product/detail.do

request

productId

response

success

```
{
    "status": 0,
    "data": {
        "id": 2,
        "categoryId": 2,
        "parentCategoryId":1,
        "name": "oppo R8",
        "subtitle": "oppo促销进行中",
        "imageHost": "http://img.happymmall.com/",
        "mainImage": "mainimage.jpg",
        "subImages": "[\"mmall/aa.jpg\",\"mmall/bb.jpg\",\"mmall/cc.jpg\",\"mmall/dd.jpg\",\"mmall/ee.jpg\"]",
        "detail": "richtext",
        "price": 2999.11,
        "stock": 71,
        "status": 1,
        "createTime": "2016-11-20 14:21:53",
        "updateTime": "2016-11-20 14:21:53"
    }
}
```

fail

```
{
    "status": 1,
    "msg": "没有权限"
}
```

5.产品上下架

http://localhost:8080/manage/product/set_sale_status.do?productId=1&status=1

/manage/product/set_sale_status.do

request

productId
status

response

success

```
{
    "status": 0,
    "data": "修改产品状态成功"
}
```

fail

```
{
    "status": 1,
    "data": "修改产品状态失败"
}
```

####6.新增OR更新产品

新增

新增 http://localhost:8080/manage/product/save.do?categoryId=1&name=三星洗衣机,&subtitle=三星大促销&subImages=test.jpg,11.jpg,2.jpg,3.jpg&detail=detailtext&price=1000&stock=100&status=1

更新 http://localhost:8080/manage/product/save.do?categoryId=1&name=三星洗衣机,&subtitle=三星大促销&subImages=test.jpg&detail=detailtext&price=1000&stock=100&status=1&id=3

/manage/product/save.do

   request

categoryId=1&name=三星洗衣机&subtitle=三星大促销&mainImage=sss.jpg&subImages=test.jpg&detail=detailtext&price=1000&stock=100&status=1&id=3

   response

success

```
{
    "status": 0,
    "data": "更新产品成功"
}
```

或

```
{
    "status": 0,
    "data": "新增产品成功"
}
```

fail

```
{
    "status": 1,
    "data": "更新产品失败"
}
```

####7.富文本上传图片

/manage/product/richtext_img_upload.do

   request

```
<form name="form2" action="/manage/product/upload.do" method="post"  enctype="multipart/form-data">
    <input type="file" name="upload_file">
    <input type="submit" value="upload"/>
</form>
```

   response

success

```
{
    "file_path": "http://img.happymmall.com/5fb239f2-0007-40c1-b8e6-0dc11b22779c.jpg",
    "msg": "上传成功",
    "success": true
}
```

fail

```
{
```

```
    "success": false,
    "msg": "error message",
    "file_path": "[real file path]"
}
```

[MENU]

####1.获取品类子节点(平级)

http://localhost:8080/manage/category/get_category.do http://localhost:8080/manage/category/get_category.do?categoryId=0

http://localhost:8080/manage/category/get_category.do?categoryId=2

/manage/category/get_category.do

      request

categoryId(default=0)

      response

success

```
{
    "status": 0,
    "data": [
        {
            "id": 2,
            "parentId": 1,
            "name": "手机",
            "status": true,
            "sortOrder": 3,
            "createTime": 1479622913000,
            "updateTime": 1479622913000
        },
        {
            "id": 4,
            "parentId": 1,
            "name": "移动座机",
            "status": true,
            "sortOrder": 5,
            "createTime": 1480059936000,
            "updateTime": 1480491941000
        }
    ]
}
```

http://localhost:8080/manage/category/get_category.do?categoryId=19

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```
或
```
{
    "status": 1,
    "msg": "未找到该品类"
}
```

####2.增加节点

/manage/category/add_category.do

      request

parentId(default=0)
categoryName

      response

success

```
{
```

```
    "status": 0,
    "msg": "添加品类成功"
}
```

fail

```
{
    "status":1,
    "msg": "添加品类失败"
}
```

3.修改品类名字

http://localhost:8080/manage/category/set_category_name.do?categoryId=999&categoryName=%E5%98%BB%E5%98%BB
http://localhost:8080/manage/category/set_category_name.do?categoryId=1&categoryName=%E5%98%BB%E5%98%BB

/manage/category/set_category_name.do

request

categoryId
categoryName

response

success

```
{
    "status": 0,
    "msg": "更新品类名字成功"
}
```

fail

```
{
    "status": 1,
    "msg": "更新品类名字失败"
}
```

4.获取当前分类id及递归子节点categoryId

http://localhost:8080/manage/category/get_deep_category.do?categoryId=100001

/manage/category/get_deep_category.do

request

categoryId

response

success

```
{
    "status": 0,
    "data": [
        100009,
        100010,
        100001,
        100006,
        100007,
        100008
    ]
}
```

fail

```
{
    "status": 1,
    "msg": "无权限"
}
```

[MENU]

1.订单List

http://localhost:8080/manage/order/list.do?pageSize=3

/manage/order/list.do

request

pageSize(default=10)
pageNum(default=1)

response

success

```
{
  "status": 0,
  "data": {
    "pageNum": 1,
    "pageSize": 3,
    "size": 3,
    "orderBy": null,
    "startRow": 1,
    "endRow": 3,
    "total": 16,
    "pages": 6,
    "list": [
      {
        "orderNo": 1485158676346,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
        "createTime": "2017-01-23 16:04:36",
        "orderItemVoList": [
          {
            "orderNo": 1485158676346,
            "productId": 2,
            "productName": "oppo R8",
            "productImage": "mainimage.jpg",
            "currentUnitPrice": 2999.11,
            "quantity": 1,
            "totalPrice": 2999.11,
            "createTime": "2017-01-23 16:04:36"
          }
        ],
        "imageHost": "http://img.happymmall.com/",
        "shippingId": 5,
        "shippingVo": null
      },
      {
        "orderNo": 1485158675516,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
        "createTime": "2017-01-23 16:04:35",
        "orderItemVoList": [
          {
            "orderNo": 1485158675516,
            "productId": 2,
            "productName": "oppo R8",
            "productImage": "mainimage.jpg",
            "currentUnitPrice": 2999.11,
            "quantity": 1,
            "totalPrice": 2999.11,
            "createTime": "2017-01-23 16:04:35"
          }
        ],
        "imageHost": "http://img.happymmall.com/",
        "shippingId": 5,
        "receiverName": "geely",
        "shippingVo": null
      },
      {
```

```
      "orderNo": 1485158675316,
      "payment": 2999.11,
      "paymentType": 1,
      "paymentTypeDesc": "在线支付",
      "postage": 0,
      "status": 10,
      "statusDesc": "未支付",
      "paymentTime": "2017-02-11 12:27:18",
      "sendTime": "2017-02-11 12:27:18",
      "endTime": "2017-02-11 12:27:18",
      "closeTime": "2017-02-11 12:27:18",
      "createTime": "2017-01-23 16:04:35",
      "orderItemVoList": [
        {
          "orderNo": 1485158675316,
          "productId": 2,
          "productName": "oppo R8",
          "productImage": "mainimage.jpg",
          "currentUnitPrice": 2999.11,
          "quantity": 1,
          "totalPrice": 2999.11,
          "createTime": "2017-01-23 16:04:35"
        }
      ],
      "imageHost": "http://img.happymmall.com/",
      "shippingId": 5,
      "receiverName": "geely",
      "shippingVo": null
    }
  ],
  "firstPage": 1,
  "prePage": 0,
  "nextPage": 2,
  "lastPage": 6,
  "isFirstPage": true,
  "isLastPage": false,
  "hasPreviousPage": false,
  "hasNextPage": true,
  "navigatePages": 8,
  "navigatepageNums": [
    1,
    2,
    3,
    4,
    5,
    6
  ]
 }
}
```

fail

```
{
  "status": 10,
  "msg": "用户未登录,请登录"
}
```

或

```
{
  "status": 1,
  "msg": "没有权限"
}
```

####2.按订单号查询

http://localhost:8080/manage/order/search.do?orderNo=1480515829406

/manage/order/search.do

request

orderNo

response

success

```json
{
  "status": 0,
  "data": {
    "pageNum": 1,
    "pageSize": 3,
    "size": 3,
    "orderBy": null,
    "startRow": 1,
    "endRow": 3,
    "total": 16,
    "pages": 6,
    "list": [
      {
        "orderNo": 1485158676346,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
        "createTime": "2017-01-23 16:04:36",
        "orderItemVoList": [
          {
            "orderNo": 1485158676346,
            "productId": 2,
            "productName": "oppo R8",
            "productImage": "mainimage.jpg",
            "currentUnitPrice": 2999.11,
            "quantity": 1,
            "totalPrice": 2999.11,
            "createTime": "2017-01-23 16:04:36"
          }
        ],
        "imageHost": "http://img.happymmall.com/",
        "shippingId": 5,
        "shippingVo": null
      },
      {
        "orderNo": 1485158675516,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
        "createTime": "2017-01-23 16:04:35",
        "orderItemVoList": [
          {
            "orderNo": 1485158675516,
            "productId": 2,
            "productName": "oppo R8",
            "productImage": "mainimage.jpg",
            "currentUnitPrice": 2999.11,
            "quantity": 1,
            "totalPrice": 2999.11,
            "createTime": "2017-01-23 16:04:35"
          }
        ],
        "imageHost": "http://img.happymmall.com/",
        "shippingId": 5,
        "receiverName": "geely",
        "shippingVo": null
      },
      {
        "orderNo": 1485158675316,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
```

```
      "createTime": "2017-01-23 16:04:35",
      "orderItemVoList": [
        {
          "orderNo": 1485158675316,
          "productId": 2,
          "productName": "oppo R8",
          "productImage": "mainimage.jpg",
          "currentUnitPrice": 2999.11,
          "quantity": 1,
          "totalPrice": 2999.11,
          "createTime": "2017-01-23 16:04:35"
        }
      ],
      "imageHost": "http://img.happymmall.com/",
      "shippingId": 5,
      "receiverName": "geely",
      "shippingVo": null
    }
  ],
  "firstPage": 1,
  "prePage": 0,
  "nextPage": 2,
  "lastPage": 6,
  "isFirstPage": true,
  "isLastPage": false,
  "hasPreviousPage": false,
  "hasNextPage": true,
  "navigatePages": 8,
  "navigatepageNums": [
    1,
    2,
    3,
    4,
    5,
    6
  ]
  }
}
```

fail

```
{
  "status": 1,
  "msg": "没有找到订单"
}
```

####3.订单详情

http://localhost:8080/manage/order/detail.do?orderNo=1480515829406

/**manage/order/detail.do**

> request

orderNo

> response

success

```
{
  "status": 0,
  "data": {
    "orderNo": 1480515829406,
    "payment": 30000.00,
    "paymentType": 1,
    "paymentTypeDesc": "在线支付",
    "postage": 0,
    "status": 10,
    "statusDesc": "未支付",
    "paymentTime": "",
    "sendTime": "",
    "endTime": "",
    "closeTime": "",
    "createTime": "2016-11-30 22:23:49",
    "orderItemVoList": [
      {
        "orderNo": 1480515829406,
        "productId": 1,
        "productName": "iphone7",
        "productImage": "mainimage.jpg",
```

```
      "currentUnitPrice": 10000.00,
      "quantity": 1,
      "totalPrice": 10000.00,
      "createTime": "2016-11-30 22:23:49"
    },
    {
      "orderNo": 1480515829406,
      "productId": 2,
      "productName": "oppo R8",
      "productImage": "mainimage.jpg",
      "currentUnitPrice": 20000.00,
      "quantity": 1,
      "totalPrice": 20000.00,
      "createTime": "2016-11-30 22:23:49"
    }
  ],
  "imageHost": "http://img.happymmall.com/",
  "shippingId": 3,
  "receiverName": "geely",
  "shippingVo": {
    "receiverName": "geely",
    "receiverPhone": "0100",
    "receiverMobile": "186",
    "receiverProvince": "北京",
    "receiverCity": "北京",
    "receiverDistrict": "昌平区",
    "receiverAddress": "矩阵小区",
    "receiverZip": "100000"
  }
 }
}
```

fail

```
{
  "status": 1,
  "msg": "没有找到订单"
}
```

4.订单发货

http://localhost:8080/manage/order/send_goods.do?orderNo=1480515829406

/manage/order/send_goods.do

request

orderNo

response

success

```
{
  "status": 0,
  "data": "发货成功"
}
```

fail

```
{
  "status": 1,
  "msg": "发货失败"
}
```

[MENU]

1.产品搜索及动态排序List

/product/list.do

http://localhost:8080/product/list.do?keyword=&categoryId=1&orderBy=price_desc

request

categoryId
keyword
pageNum(default=1)

pageSize(default=10)
orderBy(default="")：排序参数：例如price_desc，price_asc

response

success

```
{
    "status": 0,
    "data": {
        "pageNum": 1,
        "pageSize": 10,
        "size": 2,
        "orderBy": null,
        "startRow": 1,
        "endRow": 2,
        "total": 2,
        "pages": 1,
        "list": [
            {
                "id": 1,
                "categoryId": 3,
                "name": "iphone7",
                "subtitle": "双十一促销",
                "mainImage": "mainimage.jpg",
                "status":1,
                "price": 7199.22
            },
            {
                "id": 2,
                "categoryId": 2,
                "name": "oppo R8",
                "subtitle": "oppo促销进行中",
                "mainImage": "mainimage.jpg",
                "status":1,
                "price": 2999.11
            }
        ],
        "firstPage": 1,
        "prePage": 0,
        "nextPage": 0,
        "lastPage": 1,
        "isFirstPage": true,
        "isLastPage": true,
        "hasPreviousPage": false,
        "hasNextPage": false,
        "navigatePages": 8,
        "navigatepageNums": [
            1
        ]
    }
}
```

fail

```
{
    "status": 1,
    "msg": "参数错误"
}
```

2.产品detail

/product/detail.do

http://localhost:8080/product/detail.do?productId=2

request

productId

response

success

```
{
    "status": 0,
    "data": {
        "id": 2,
        "categoryId": 2,
        "name": "oppo R8",
```

```
  "subtitle": "oppo促销进行中",
  "mainImage": "mainimage.jpg",
  "subImages": "[\"mmall/aa.jpg\",\"mmall/bb.jpg\",\"mmall/cc.jpg\",\"mmall/dd.jpg\",\"mmall/ee.jpg\"]",
  "detail": "richtext",
  "price": 2999.11,
  "stock": 71,
  "status": 1,
  "createTime": "2016-11-20 14:21:53",
  "updateTime": "2016-11-20 14:21:53"
 }
}
```

fail

```
{
  "status": 1,
  "msg": "该商品已下架或删除"
}
```

####模板

/product/.do

> request

k

> response

success

k

fail

k

[MENU]

####1.支付

/order/pay.do

http://localhost:8080/order/pay.do?orderNo=1485158676346

> request

orderNo

> response

success

```
{
  "status": 0,
  "data": {
    "orderNo": "1485158676346",
    "qrPath": "http://img.happymmall.com/qr-1492329044075.png"
  }
}
```

fail

```
{
  "status": 1,
  "msg": "支付宝生成订单失败"
}
```

####2.查询订单支付状态

/order/query_order_pay_status.do

http://localhost:8080/order/query_order_pay_status.do?orderNo=1485158676346

> request

> request

orderNo

　　response

success

```
{
    "status": 0,
    "data": true
}
```

fail

```
{
    "status": 1,
    "msg": "该用户并没有该订单,查询无效"
}
```

3.支付宝回调

参考支付宝回调文档： https://support.open.alipay.com/docs/doc.htm?spm=a219a.7629140.0.0.mFogPC&treeId=193&articleId=103296&docType=1

/order/alipay_callback.do

　　request

HttpServletRequest

　　response

success

success

fail

failed

0.模板

/REPLACE/.do

　　request

k

　　response

success

k

fail

k

[MENU]

1.添加地址

/shipping/add.do

http://localhost:8080/shipping/add.do?userId=1&receiverName=geely&receiverPhone=010&receiverMobile=18688888888&receiverProvince=%E5%8C%97%E4%BA%AC&receiverCity=

　　request

```
userId=1
receiverName=geely
receiverPhone=010
receiverMobile=18688888888
receiverProvince=北京
receiverCity=北京市
receiverAddress=中关村
```

receiverZip=100000

response

success

```
{
    "status": 0,
    "msg": "新建地址成功",
    "data": {
        "shippingId": 28
    }
}
```

fail

```
{
    "status": 1,
    "msg": "新建地址失败"
}
```

####2.删除地址

/shipping/del.do

request

shippingId

response

success

```
{
    "status": 0,
    "msg": "删除地址成功"
}
```

fail

```
{
    "status": 1,
    "msg": "删除地址失败"
}
```

####3.登录状态更新地址

/shipping/update.do

http://localhost:8080/shipping/update.do?
id=5&receiverName=AAA&receiverPhone=010&receiverMobile=18688888888&receiverProvince=%E5%8C%97%E4%BA%AC&receiverCity=%E5%

request

id=1
receiverName=geely
receiverPhone=010
receiverMobile=18688888888
receiverProvince=北京
receiverCity=北京市
receiverAddress=中关村
receiverZip=100000

response

success

```
{
    "status": 0,
    "msg": "更新地址成功"
}
```

fail

```
{
    "status": 1,
    "msg": "更新地址失败"
}
```

####4.选中查看具体的地址

/shipping/select.do

      request

shippingId

      response

success

```
{
    "status": 0,
    "data": {
        "id": 4,
        "userId": 13,
        "receiverName": "geely",
        "receiverPhone": "010",
        "receiverMobile": "18688888888",
        "receiverProvince": "北京",
        "receiverCity": "北京市",
        "receiverAddress": "中关村",
        "receiverZip": "100000",
        "createTime": 1485066385000,
        "updateTime": 1485066385000
    }
}
```

fail

```
{
    "status": 1,
    "msg": "请登录之后查询"
}
```

####5.地址列表

/shipping/list.do

http://localhost:8080/shipping/list.do

      request

pageNum(默认1),pageSize(默认10)

      response

success

```
{
    "status": 0,
    "data": {
        "pageNum": 1,
        "pageSize": 10,
        "size": 2,
        "orderBy": null,
        "startRow": 1,
        "endRow": 2,
        "total": 2,
        "pages": 1,
        "list": [
            {
                "id": 4,
                "userId": 13,
                "receiverName": "geely",
                "receiverPhone": "010",
                "receiverMobile": "18688888888",
                "receiverProvince": "北京",
                "receiverCity": "北京市",
                "receiverAddress": "中关村",
                "receiverZip": "100000",
                "createTime": 1485066385000,
                "updateTime": 1485066385000
            },
            {
                "id": 5,
                "userId": 13,
                "receiverName": "AAA",
```

```
                "receiverPhone": "010",
                "receiverMobile": "18688888888",
                "receiverProvince": "北京",
                "receiverCity": "北京市",
                "receiverAddress": "中关村",
                "receiverZip": "100000",
                "createTime": 1485066392000,
                "updateTime": 1485075875000
            }
        ],
        "firstPage": 1,
        "prePage": 0,
        "nextPage": 0,
        "lastPage": 1,
        "isFirstPage": true,
        "isLastPage": true,
        "hasPreviousPage": false,
        "hasNextPage": false,
        "navigatePages": 8,
        "navigatepageNums": [
            1
        ]
    }
}
```

fail

```
{
    "status": 1,
    "msg": "请登录之后查询"
}
```

模板

/product/.do

    request

k

    response

success

k

fail

k

[MENU]

1.登录

/user/login.do post(代码需要post方式请求),开放get，方便调试

    request

username,password

    response

fail

```
{
    "status": 1,
    "msg": "密码错误"
}
```

success

```
{
    "status": 0,
    "data": {
        "id": 12,
        "username": "aaa",
        "email": "aaa@163.com",
        "phone": null,
        "role": 0,
```

```
      "createTime": 1479048325000,
      "updateTime": 1479048325000
    }
}
```

2.注册 **/user/register.do**

request

username,password,email,phone,question,answer

response

success

```
{
    "status": 0,
    "msg": "校验成功"
}
```

fail

```
{
    "status": 1,
    "msg": "用户已存在"
}
```

3.检查用户名是否有效

/user/check_valid.do

/check_valid.do?str=admin&type=username就是检查用户名。

request

str,type
str可以是用户名也可以是email。对应的type是username和email

response

success

```
{
    "status": 0,
    "msg": "校验成功"
}
```

fail

```
{
    "status": 1,
    "msg": "用户已存在"
}
```

4.获取登录用户信息 **/user/get_user_info.do**

request

无参数

response

success

```
{
    "status": 0,
    "data": {
        "id": 12,
        "username": "aaa",
        "email": "aaa@163.com",
        "phone": null,
        "role": 0,
        "createTime": 1479048325000,
        "updateTime": 1479048325000
    }
```

```
}
```

fail

```
{
    "status": 1,
    "msg": "用户未登录,无法获取当前用户信息"
}
```

5.忘记密码 **/user/forget_get_question.do**

localhost:8080/user/forget_get_question.do?username=geely

     request

username

     response

success

```
{
    "status": 0,
    "data": "这里是问题"
}
```

fail

```
{
    "status": 1,
    "msg": "该用户未设置找回密码问题"
}
```

6.提交问题答案 **/user/forget_check_answer.do**

localhost:8080/user/forget_check_answer.do?username=aaa&question=aa&answer=sss

     request

username,question,answer

     response

正确的返回值里面有一个token，修改密码的时候需要用这个。传递给下一个接口

success

```
{
    "status": 0,
    "data": "531ef4b4-9663-4e6d-9a20-fb56367446a5"
}
```

fail

```
{
    "status": 1,
    "msg": "问题答案错误"
}
```

7.忘记密码的重设密码 **/user/forget_reset_password.do**

localhost:8080/user/forget_reset_password.do?username=aaa&passwordNew=xxx&forgetToken=531ef4b4-9663-4e6d-9a20-fb56367446a5

     request

username,passwordNew,forgetToken

     response

success

```
{
    "status": 0,
    "msg": "修改密码成功"
}
```

fail

```
{
    "status": 1,
    "msg": "修改密码操作失效"
}
```

或

```
{
    "status": 1,
    "msg": "token已经失效"
}
```

8.登录中状态重置密码 **/user/reset_password.do**

      request

passwordOld,passwordNew

      response

success

```
{
    "status": 0,
    "msg": "修改密码成功"
}
```

fail

```
{
    "status": 1,
    "msg": "旧密码输入错误"
}
```

9.登录状态更新个人信息 **/user/update_information.do**

      request

email,phone,question,answer

      response

success

```
{
    "status": 0,
    "msg": "更新个人信息成功"
}
```

fail

```
{
    "status": 1,
    "msg": "用户未登录"
}
```

10.获取当前登录用户的详细信息，并强制登录 **/user/get_information.do**

      request

无参数

      response

success

```
{
    "status": 0,
    "data": {
        "id": 1,
        "username": "admin",
        "password": "",
        "email": "admin@163.com",
        "phone": "13800138000",
        "question": "question",
        "answer": "answer",
        "role": 1,
        "createTime": 1478422605000,
```

```
      "updateTime": 1491305256000
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,无法获取当前用户信息,status=10,强制登录"
}
```

11.退出登录 **/user/logout.do**

      request

无

      response

success

```
{
    "status": 0,
    "msg": "退出成功"
}
```

fail

```
{
    "status": 1,
    "msg": "服务端异常"
}
```

模板

/user/.do

      request

k

      response

success

k

fail

k

[MENU]

1.创建订单

/order/create.do

引用已存在的收货地址id http://localhost:8080/order/create.do?shippingId=5

      request

shippingId

      response

success

```
{
    "status": 0,
    "data": {
        "orderNo": 1485158223095,
        "payment": 2999.11,
        "paymentType": 1,
        "postage": 0,
        "status": 10,
        "paymentTime": null,
```

```
        "sendTime": null,
        "endTime": null,
        "closeTime": null,
        "createTime": 1485158223095,
        "orderItemVoList": [
            {
                "orderNo": 1485158223095,
                "productId": 2,
                "productName": "oppo R8",
                "productImage": "mainimage.jpg",
                "currentUnitPrice": 2999.11,
                "quantity": 1,
                "totalPrice": 2999.11,
                "createTime": null
            }
        ],
        "shippingId": 5,
        "shippingVo": null
    }
}
```

fail

```
{
    "status": 1,
    "msg": "创建订单失败"
}
```

2.获取订单的商品信息

/order/get_order_cart_product.do

http://localhost:8080/order/get_order_cart_product.do

      request

无

      response

success

```
{
    "status": 0,
    "data": {
        "orderItemVoList": [
            {
                "orderNo": null,
                "productId": 1,
                "productName": "iphone7",
                "productImage": "mmall/aa.jpg",
                "currentUnitPrice": 7999,
                "quantity": 10,
                "totalPrice": 79990,
                "createTime": ""
            }
        ],
        "imageHost": "http://img.happymmall.com/",
        "productTotalPrice": 79990
    }
}
```

fail

```
{
    "status": 1,
    "msg": "用户未登录"
}
```

3.订单List

http://localhost:8080/order/list.do?pageSize=3

/order/list.do

      request

pageSize(default=10)
pageNum(default=1)

response

success

```json
{
  "status": 0,
  "data": {
    "pageNum": 1,
    "pageSize": 3,
    "size": 3,
    "orderBy": null,
    "startRow": 1,
    "endRow": 3,
    "total": 16,
    "pages": 6,
    "list": [
      {
        "orderNo": 1485158676346,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
        "createTime": "2017-01-23 16:04:36",
        "orderItemVoList": [
          {
            "orderNo": 1485158676346,
            "productId": 2,
            "productName": "oppo R8",
            "productImage": "mainimage.jpg",
            "currentUnitPrice": 2999.11,
            "quantity": 1,
            "totalPrice": 2999.11,
            "createTime": "2017-01-23 16:04:36"
          }
        ],
        "imageHost": "http://img.happymmall.com/",
        "shippingId": 5,
        "receiverName": "geely",
        "shippingVo": null
      },
      {
        "orderNo": 1485158675516,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
        "statusDesc": "未支付",
        "paymentTime": "2017-02-11 12:27:18",
        "sendTime": "2017-02-11 12:27:18",
        "endTime": "2017-02-11 12:27:18",
        "closeTime": "2017-02-11 12:27:18",
        "createTime": "2017-01-23 16:04:35",
        "orderItemVoList": [
          {
            "orderNo": 1485158675516,
            "productId": 2,
            "productName": "oppo R8",
            "productImage": "mainimage.jpg",
            "currentUnitPrice": 2999.11,
            "quantity": 1,
            "totalPrice": 2999.11,
            "createTime": "2017-01-23 16:04:35"
          }
        ],
        "imageHost": "http://img.happymmall.com/",
        "shippingId": 5,
        "receiverName": "geely",
        "shippingVo": null
      },
      {
        "orderNo": 1485158675316,
        "payment": 2999.11,
        "paymentType": 1,
        "paymentTypeDesc": "在线支付",
        "postage": 0,
        "status": 10,
```

```
      "statusDesc": "未支付",
      "paymentTime": "2017-02-11 12:27:18",
      "sendTime": "2017-02-11 12:27:18",
      "endTime": "2017-02-11 12:27:18",
      "closeTime": "2017-02-11 12:27:18",
      "createTime": "2017-01-23 16:04:35",
      "orderItemVoList": [
        {
          "orderNo": 1485158675316,
          "productId": 2,
          "productName": "oppo R8",
          "productImage": "mainimage.jpg",
          "currentUnitPrice": 2999.11,
          "quantity": 1,
          "totalPrice": 2999.11,
          "createTime": "2017-01-23 16:04:35"
        }
      ],
      "imageHost": "http://img.happymmall.com/",
      "shippingId": 5,
      "receiverName": "geely",
      "shippingVo": null
    }
  ],
  "firstPage": 1,
  "prePage": 0,
  "nextPage": 2,
  "lastPage": 6,
  "isFirstPage": true,
  "isLastPage": false,
  "hasPreviousPage": false,
  "hasNextPage": true,
  "navigatePages": 8,
  "navigatepageNums": [
    1,
    2,
    3,
    4,
    5,
    6
  ]
 }
}
```

fail

```
{
 "status": 10,
 "msg": "用户未登录,请登录"
}
```

或

```
{
 "status": 1,
 "msg": "没有权限"
}
```

####4.订单详情detail

http://localhost:8080/order/detail.do?orderNo=1480515829406

/order/detail.do

request

orderNo

response

success

```
{
 "status": 0,
 "data": {
  "orderNo": 1480515829406,
  "payment": 30000.00,
```

```
  "paymentType": 1,
  "paymentTypeDesc": "在线支付",
  "postage": 0,
  "status": 10,
  "statusDesc": "未支付",
  "paymentTime": "",
  "sendTime": "",
  "endTime": "",
  "closeTime": "",
  "createTime": "2016-11-30 22:23:49",
  "orderItemVoList": [
    {
      "orderNo": 1480515829406,
      "productId": 1,
      "productName": "iphone7",
      "productImage": "mainimage.jpg",
      "currentUnitPrice": 10000.00,
      "quantity": 1,
      "totalPrice": 10000.00,
      "createTime": "2016-11-30 22:23:49"
    },
    {
      "orderNo": 1480515829406,
      "productId": 2,
      "productName": "oppo R8",
      "productImage": "mainimage.jpg",
      "currentUnitPrice": 20000.00,
      "quantity": 1,
      "totalPrice": 20000.00,
      "createTime": "2016-11-30 22:23:49"
    }
  ],
  "imageHost": "http://img.happymmall.com/",
  "shippingId": 3,
  "receiverName": "geely",
  "shippingVo": {
    "receiverName": "geely",
    "receiverPhone": "0100",
    "receiverMobile": "186",
    "receiverProvince": "北京",
    "receiverCity": "北京",
    "receiverDistrict": "昌平区",
    "receiverAddress": "矩阵小区",
    "receiverZip": "100000"
  }
 }
}
```

fail

```
{
 "status": 1,
 "msg": "没有找到订单"
}
```

####5.取消订单

http://localhost:8080/order/cancel.do?orderNo=1480515829406

/order/cancel.do

request

orderNo

response

success

```
{
 "status": 0
}
```

fail

```
{
 "status": 1,
 "msg": "该用户没有此订单"
}
```

或
```
{
  "status": 1,
  "msg": "此订单已付款，无法被取消"
}
```

5.模板

/REPLACE/.do

     request

k

     response

success

k

fail

k

[MENU]

1.购物车List列表

/cart/list.do

http://localhost:8080/cart/list.do

注意点：

1. 需要先登录,所有的密码都是123
2. NEED_LOGIN(10, "NEED_LOGIN"),//需要登录的错误编码
3. 价格的单位是元,保留小数后2位

     request

无参数,需要登录状态

     response

success

```
{
    "status": 0,
    "data": {
        "cartProductVoList": [
            {
                "id": 1,
                "userId": 13,
                "productId": 1,
                "quantity": 1,
                "productName": "iphone7",
                "productSubtitle": "双十一促销",
                "productMainImage": "mainimage.jpg",
                "productPrice": 7199.22,
                "productStatus": 1,
                "productTotalPrice": 7199.22,
                "productStock": 86,
                "productChecked": 1,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            },
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 1,
```

```
          "limitQuantity": "LIMIT_NUM_SUCCESS"
        }
      ],
      "allChecked": true,
      "cartTotalPrice": 10198.33
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

####2.购物车添加商品

/cart/add.do

请注意这个字段，超过数量会返回这样的标识"limitQuantity"

失败的：LIMIT_NUM_FAIL 成功的：LIMIT_NUM_SUCCESS

request

productId,count

response

success

```
{
    "status": 0,
    "data": {
      "cartProductVoList": [
        {
          "id": 1,
          "userId": 13,
          "productId": 1,
          "quantity": 12,
          "productName": "iphone7",
          "productSubtitle": "双十一促销",
          "productMainImage": "mainimage.jpg",
          "productPrice": 7199.22,
          "productStatus": 1,
          "productTotalPrice": 86390.64,
          "productStock": 86,
          "productChecked": 1,
          "limitQuantity": "LIMIT_NUM_SUCCESS"
        },
        {
          "id": 2,
          "userId": 13,
          "productId": 2,
          "quantity": 1,
          "productName": "oppo R8",
          "productSubtitle": "oppo促销进行中",
          "productMainImage": "mainimage.jpg",
          "productPrice": 2999.11,
          "productStatus": 1,
          "productTotalPrice": 2999.11,
          "productStock": 86,
          "productChecked": 1,
          "limitQuantity": "LIMIT_NUM_SUCCESS"
        }
      ],
      "allChecked": true,
      "cartTotalPrice": 89389.75
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

####3.更新购物车某个产品数量

/cart/update.do

http://localhost:8080/cart/update.do?productId=1&count=2

request

productId,count

response

响应同2

success

```
{
    "status": 0,
    "data": {
        "cartProductVoList": [
            {
                "id": 1,
                "userId": 13,
                "productId": 1,
                "quantity": 12,
                "productName": "iphone7",
                "productSubtitle": "双十一促销",
                "productMainImage": "mainimage.jpg",
                "productPrice": 7199.22,
                "productStatus": 1,
                "productTotalPrice": 86390.64,
                "productStock": 86,
                "productChecked": 1,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            },
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 1,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            }
        ],
        "allChecked": true,
        "cartTotalPrice": 89389.75
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

####4.移除购物车某个产品

/cart/delete_product.do

http://localhost:8080/cart/delete_product.do?productIds=1,3

request

productIds

response

success

```
{
    "status": 0,
    "data": {
```

```
        "cartProductVoList": [
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 1,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            }
        ],
        "allChecked": true,
        "cartTotalPrice": 2999.11
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

####5.购物车选中某个商品

/cart/select.do

http://localhost:8080/cart/select.do?productId=1

request

productId

response

success

```
{
    "status": 0,
    "data": {
        "cartProductVoList": [
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 1,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            }
        ],
        "allChecked": true,
        "cartTotalPrice": 2999.11
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

####6.购物车取消选中某个商品

/cart/un_select.do

http://localhost:8080/cart/un_select.do?productId=2

注意返回值中的cartTotalPrice，如果反选之后总价的变化

request

productId

response

success

```
{
    "status": 0,
    "data": {
        "cartProductVoList": [
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 0,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            }
        ],
        "allChecked": true,
        "cartTotalPrice": 0
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

7.查询在购物车里的产品数量

/cart/get_cart_product_count.do

http://localhost:8080/cart/get_cart_product_count.do

未登录返回0

request

无

response

success

```
{
    "status": 0,
    "data": 0
}
```

fail

```
{
    "status": 10,
    "msg": "出现异常"
}
```

8.购物车全选

/cart/select_all.do

http://localhost:8080/cart/select_all.do

注意返回值中的cartTotalPrice的变化

request

无

        response

success

```
{
    "status": 0,
    "data": {
        "cartProductVoList": [
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 0,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            }
        ],
        "allChecked": true,
        "cartTotalPrice": 2999.11
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```

9.购物车取消全选

/cart/un_select_all.do

http://localhost:8080/cart/un_select_all.do

        注意返回值中的cartTotalPrice总价的变化

        request

无

        response

success

```
{
    "status": 0,
    "data": {
        "cartProductVoList": [
            {
                "id": 2,
                "userId": 13,
                "productId": 2,
                "quantity": 1,
                "productName": "oppo R8",
                "productSubtitle": "oppo促销进行中",
                "productMainImage": "mainimage.jpg",
                "productPrice": 2999.11,
                "productStatus": 1,
                "productTotalPrice": 2999.11,
                "productStock": 86,
                "productChecked": 0,
                "limitQuantity": "LIMIT_NUM_SUCCESS"
            }
        ],
        "allChecked": true,
        "cartTotalPrice": 0
    }
}
```

fail

```
{
    "status": 10,
    "msg": "用户未登录,请登录"
}
```