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# 

# 后台

## 统计接口

### 统计用户、商品、订单数量

|  |  |  |
| --- | --- | --- |
| URL | /manage/statistic/base\_count.do | |
| Method | - | |
| Parameters | - | |
| Response | SUCCESS | {  "status": 0,  "data": {  userCount: 123,  productCount: 456,  orderCount: 789  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  }  或  {  "status": 1,  "msg": "出错啦"  } |

## 用户接口

### 后台管理员登录

|  |  |  |
| --- | --- | --- |
| URL | /manage/user/login.do | |
| Method | GET | |
| Parameters | username,  password | |
| Response | SUCCESS | {  "status": 0,  "data": {  "id": 12,  "username": "aaa",  "email": "aaa@163.com",  "phone": null,  "role": 0,  "createTime": 1479048325000,  "updateTime": 1479048325000  }  } |
| FAILED | {  "status": 1,  "msg": "密码错误"  } |

### 用户列表

|  |  |  |
| --- | --- | --- |
| URL | /manage/user/list.do | |
| Method | GET | |
| Parameters | 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  ]  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  }  或  {  "status": 1,  "msg": "没有权限"  } |

## 产品接口

### 产品list

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/list.do | |
| Method | GET | |
| Parameters | pageNum(default=1)  pageSize(default=10) | |
| 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  ]  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 产品搜索

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/search.do  例子：  http://localhost:8080/manage/product/search.do?productName=p  http://localhost:8080/manage/product/search.do?productId=1 | |
| Method | GET | |
| Parameters | 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  ]  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 图片上传

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/upload.do | |
| Method | POST | |
| Response | SUCCESS | {  "status": 0,  "data": {  "uri": "e6604558-c0ff-41b9-b6e1-30787a1e3412.jpg",  "url": "http://img.happymmall.com/e6604558-c0ff-41b9-b6e1-30787a1e3412.jpg"  }  } |
| FAILED | status!=0的时候 |

测试页：

<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>

### 产品详情

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/detail.do | |
| Method | GET | |
| Parameters | 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"  }  } |
| FAILED | {  "status": 1,  "msg": "没有权限"  } |

### 产品上下架

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/set\_sale\_status.do | |
| Method | GET | |
| Parameters | productId  status | |
| Response | SUCCESS | {  "status": 0,  "data": "修改产品状态成功"  } |
| FAILED | {  "status": 1,  "data": "修改产品状态失败"  } |

### 新增OR更新产品

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/save.do  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 | |
| Method | GET | |
| Parameters |  | |
| Response | SUCCESS | 更新  {  "status": 0,  "data": "更新产品成功"  }  新增  {  "status": 0,  "data": "新增产品成功"  } |
| FAILED | {  "status": 1,  "data": "更新产品失败"  } |

### 富文本上传图片

|  |  |  |
| --- | --- | --- |
| URL | /manage/product/richtext\_img\_upload.do | |
| Method | POST | |
| Parameters |  | |
| Response | SUCCESS | {  "file\_path": "http://img.happymmall.com/5fb239f2-0007-40c1-b8e6-0dc11b22779c.jpg",  "msg": "上传成功",  "success": true  } |
| FAILED | {  "success": false,  "msg": "error message",  "file\_path": "[real file path]"  } |

## 品类接口

### 获取品类子节点(平级)

|  |  |  |
| --- | --- | --- |
| URL | /manage/category/get\_category.do | |
| Method | GET | |
| Parameters | 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  }  ]  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  }  {  "status": 1,  "msg": "未找到该品类"  } |

### 增加节点

|  |  |  |
| --- | --- | --- |
| URL | /manage/category/add\_category.do | |
| Method | GET | |
| Parameters | parentId(default=0)  categoryName | |
| Response | SUCCESS | {  "status": 0,  "msg": "添加品类成功"  } |
| FAILED | {  "status":1,  "msg": "添加品类失败"  } |

### 修改品类名字

|  |  |  |
| --- | --- | --- |
| URL | /manage/category/set\_category\_name.do | |
| Method | GET | |
| Parameters | categoryId  categoryName | |
| Response | SUCCESS | {  "status": 0,  "msg": "更新品类名字成功"  } |
| FAILED | {  "status": 1,  "msg": "更新品类名字失败"  } |

### 获取当前分类id及递归子节点categoryId

|  |  |  |
| --- | --- | --- |
| URL | /manage/category/get\_deep\_category.do | |
| Method | GET | |
| Parameters | categoryId | |
| Response | SUCCESS | {  "status": 0,  "data": [  100009,  100010,  100001,  100006,  100007,  100008  ]  } |
| FAILED | {  "status": 1,  "msg": "无权限"  } |

## 订单接口

### 订单List

|  |  |  |
| --- | --- | --- |
| URL | /manage/order/list.do | |
| Method | GET | |
| Parameters | 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  ]  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  }  或  {  "status": 1,  "msg": "没有权限"  } |

### 按订单号查询

|  |  |  |
| --- | --- | --- |
| URL | /manage/order/search.do | |
| Method | GET | |
| Parameters | orderNo | |
| 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  ]  }  } |
| FAILED | {  "status": 1,  "msg": "没有找到订单"  } |

### **订单**详情

|  |  |  |
| --- | --- | --- |
| URL | /manage/order/detail.do | |
| Method | GET | |
| Parameters | 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"  }  }  } |
| FAILED | {  "status": 1,  "msg": "没有找到订单"  } |

### 订单发货

|  |  |  |
| --- | --- | --- |
| URL | /manage/order/send\_goods.do | |
| Method | GET | |
| Parameters | orderNo | |
| Response | SUCCESS | {  "status": 0,  "data": "发货成功"  } |
| FAILED | {  "status": 1,  "msg": "发货失败"  } |

# 门户

## 产品接口

### 产品搜索及动态排序List

|  |  |  |
| --- | --- | --- |
| URL | /product/list.do | |
| Method | GET | |
| Parameters | 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  ]  }  } |
| FAILED | {  "status": 1,  "msg": "参数错误"  } |

### 产品detail

|  |  |  |
| --- | --- | --- |
| URL | /product/detail.do | |
| Method | GET | |
| Parameters | 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"  }  } |
| FAILED | {  "status": 1,  "msg": "该商品已下架或删除"  } |

## 支付接口

### 支付

|  |  |  |
| --- | --- | --- |
| URL | /order/pay.do | |
| Method | GET | |
| Parameters | orderNo | |
| Response | SUCCESS | {  "status": 0,  "data": {  "orderNo": "1485158676346",  "qrPath": "http://img.happymmall.com/qr-1492329044075.png"  }  } |
| FAILED | {  "status": 1,  "msg": "支付宝生成订单失败"  } |

### 查询订单支付状态

|  |  |  |
| --- | --- | --- |
| URL | /order/query\_order\_pay\_status.do | |
| Method | GET | |
| Parameters | orderNo | |
| Response | SUCCESS | {  "status": 0,  "data": true  } |
| FAILED | {  "status": 1,  "msg": "该用户并没有该订单,查询无效"  } |

### 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

|  |  |  |
| --- | --- | --- |
| URL | /order/alipay\_callback.do | |
| Method |  | |
| Parameters |  | |
| Response |  |  |
|  |  |

## 收货地址接口：

### 添加地址

|  |  |  |
| --- | --- | --- |
| URL | /shipping/add.do | |
| Method | GET | |
| Parameters | userId  receiverName  receiverPhone  receiverMobile  receiverProvince  receiverCity  receiverAddress  receiverZip | |
| Response | SUCCESS | {  "status": 0,  "msg": "新建地址成功",  "data": {  "shippingId": 28  }  } |
| FAILED | {  "status": 1,  "msg": "新建地址失败"  } |

### 删除地址

|  |  |  |
| --- | --- | --- |
| URL | /shipping/del.do | |
| Method | GET | |
| Parameters | shippingId | |
| Response | SUCCESS | {  "status": 0,  "msg": "删除地址成功"  } |
| FAILED | {  "status": 1,  "msg": "删除地址失败"  } |

### 登录状态更新地址

|  |  |  |
| --- | --- | --- |
| URL | /shipping/update.do | |
| Method | GET | |
| Parameters | id  receiverName  receiverPhone  receiverMobile  receiverProvince  receiverCity  receiverAddress  receiverZip | |
| Response | SUCCESS | {  "status": 0,  "msg": "更新地址成功"  } |
| FAILED | {  "status": 1,  "msg": "更新地址失败"  } |

### 选中查看具体的地址

|  |  |  |
| --- | --- | --- |
| URL | /shipping/select.do | |
| Method | GET | |
| Parameters | 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  }  } |
| FAILED | {  "status": 1,  "msg": "请登录之后查询"  } |

### 地址列表

|  |  |  |
| --- | --- | --- |
| URL | /shipping/list.do | |
| Method | GET | |
| Parameters | 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  ]  }  } |
| FAILED | {  "status": 1,  "msg": "请登录之后查询"  } |

## 用户接口

### 登录

|  |  |  |
| --- | --- | --- |
| URL | /user/login.do | |
| Method | POST | |
| Parameters | username  password | |
| Response | SUCCESS | {  "status": 0,  "data": {  "id": 12,  "username": "aaa",  "email": "aaa@163.com",  "phone": null,  "role": 0,  "createTime": 1479048325000,  "updateTime": 1479048325000  }  } |
| FAILED | {  "status": 1,  "msg": "密码错误"  } |

### 注册

|  |  |  |
| --- | --- | --- |
| URL | /user/register.do | |
| Method | POST | |
| Parameters | username  password  email  phone  question  answer | |
| Response | SUCCESS | {  "status": 0,  "msg": "校验成功"  } |
| FAILED | {  "status": 1,  "msg": "用户已存在"  } |

### 检查用户名是否有效

|  |  |  |
| --- | --- | --- |
| URL | /user/check\_valid.do | |
| Method | POST | |
| Parameters | 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"  } |
| FAILED | {  "status": 1,  "msg": "用户已存在"  } |

### 获取登录用户信息

|  |  |  |
| --- | --- | --- |
| URL | /user/get\_user\_info.do | |
| Method | POST | |
| Parameters | -- | |
| Response | SUCCESS | {  "status": 0,  "data": {  "id": 12,  "username": "aaa",  "email": "aaa@163.com",  "phone": null,  "role": 0,  "createTime": 1479048325000,  "updateTime": 1479048325000  }  } |
| FAILED | {  "status": 1,  "msg": "用户未登录,无法获取当前用户信息"  } |

### 忘记密码

|  |  |  |
| --- | --- | --- |
| URL | /user/forget\_get\_question.do | |
| Method | POST | |
| Parameters | username | |
| Response | SUCCESS | {  "status": 0,  "data": "这里是问题"  } |
| FAILED | {  "status": 1,  "msg": "该用户未设置找回密码问题"  } |

### 提交问题答案

|  |  |  |
| --- | --- | --- |
| URL | /user/forget\_check\_answer.do | |
| Method | POST | |
| Parameters | username,question,answer  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 | |
| Response | SUCCESS | {  "status": 0,  "data": "531ef4b4-9663-4e6d-9a20-fb56367446a5"  } |
| FAILED | {  "status": 1,  "msg": "问题答案错误"  } |

### 忘记密码的重设密码

|  |  |  |
| --- | --- | --- |
| URL | /user/forget\_reset\_password.do | |
| Method | GET | |
| Parameters | username,passwordNew,forgetToken | |
| Response | SUCCESS | {  "status": 0,  "msg": "修改密码成功"  } |
| FAILED | {  "status": 1,  "msg": "修改密码操作失效"  }  或  {  "status": 1,  "msg": "token已经失效"  } |

### 登录中状态重置密码

|  |  |  |
| --- | --- | --- |
| URL | /user/reset\_password.do | |
| Method | GET | |
| Parameters | passwordOld,passwordNew | |
| Response | SUCCESS | {  "status": 0,  "msg": "修改密码成功"  } |
| FAILED | {  "status": 1,  "msg": "旧密码输入错误"  } |

### 登录状态更新个人信息

|  |  |  |
| --- | --- | --- |
| URL | /user/update\_information.do | |
| Method | GET | |
| Parameters | email,phone,question,answer | |
| Response | SUCCESS | {  "status": 0,  "msg": "更新个人信息成功"  } |
| FAILED | {  "status": 1,  "msg": "用户未登录"  } |

### 获取当前登录用户的详细信息，并强制登录

|  |  |  |
| --- | --- | --- |
| URL | /user/get\_information.do | |
| Method | GET | |
| Parameters | -- | |
| 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,无法获取当前用户信息,status=10,强制登录"  } |

### 退出登录

|  |  |  |
| --- | --- | --- |
| URL | /user/logout.do | |
| Method | GET | |
| Parameters | -- | |
| Response | SUCCESS | {  "status": 0,  "msg": "退出成功"  } |
| FAILED | {  "status": 1,  "msg": "服务端异常"  } |

## 订单接口

### 创建订单

|  |  |  |
| --- | --- | --- |
| URL | /order/create.do | |
| Method | - | |
| Parameters | 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  }  } |
| FAILED | {  "status": 1,  "msg": "创建订单失败"  } |

### 获取订单的商品信息

|  |  |  |
| --- | --- | --- |
| URL | /order/get\_order\_cart\_product.do | |
| Method | - | |
| Parameters | - | |
| 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  }  } |
| FAILED | {  "status": 1,  "msg": "用户未登录"  } |

### 订单List

|  |  |  |
| --- | --- | --- |
| URL | /order/list.do | |
| Method | - | |
| Parameters | - | |
| 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,  "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  ]  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  }  或  {  "status": 1,  "msg": "没有权限"  } |

### 订单详情detail

|  |  |  |
| --- | --- | --- |
| URL | /order/detail.do | |
| Method | orderNo | |
| Parameters | - | |
| 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"  }  }  } |
| FAILED | {  "status": 1,  "msg": "没有找到订单"  } |

### 取消订单

|  |  |  |
| --- | --- | --- |
| URL | /order/cancel.do | |
| Method | orderNo | |
| Parameters | - | |
| Response | SUCCESS | {  "status": 0  } |
| FAILED | {  "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"  } |

## 购物车接口：

### 购物车List列表

|  |  |  |
| --- | --- | --- |
| URL | /cart/list.do | |
| Method | - | |
| Parameters | - | |
| 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  }  } |
| FAILED | fail  {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 购物车添加商品

|  |  |  |
| --- | --- | --- |
| URL | /cart/add.do | |
| Method | - | |
| Parameters | - | |
| 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 更新购物车某个产品数量

|  |  |  |
| --- | --- | --- |
| URL | /manage/statistic/base\_count.do | |
| Method | - | |
| Parameters | 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 移除购物车某个产品

|  |  |  |
| --- | --- | --- |
| URL | /cart/delete\_product.do | |
| Method | productIds | |
| Parameters | - | |
| 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 购物车选中某个商品

|  |  |  |
| --- | --- | --- |
| URL | /cart/select.do | |
| Method | productIds | |
| Parameters | - | |
| 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 购物车取消选中某个商品

|  |  |  |
| --- | --- | --- |
| URL | /cart/un\_select.do | |
| Method | - | |
| Parameters | 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 查询在购物车里的产品数量

|  |  |  |
| --- | --- | --- |
| URL | /cart/get\_cart\_product\_count.do | |
| Method | - | |
| Parameters | - | |
| Response | SUCCESS | {  "status": 0,  "data": 0  } |
| FAILED | {  "status": 10,  "msg": "出现异常"  } |

### 购物车全选

|  |  |  |
| --- | --- | --- |
| URL | /cart/select\_all.do | |
| Method | - | |
| Parameters | - | |
| Response | SUCCESS | 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |

### 购物车取消全选

|  |  |  |
| --- | --- | --- |
| URL | /cart/un\_select\_all.do | |
| Method | - | |
| Parameters | - | |
| Response | SUCCESS | 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  }  } |
| FAILED | {  "status": 10,  "msg": "用户未登录,请登录"  } |