

移动应用开发项目

样题 API 说明文档

本项竞赛为闭卷，样题仅供了解考核思路、命题方向，正式比赛以正式赛题为准。

2022 年 11 月

前置 URL: <http://localhost:8081/at>

前置 URL 根据服务端部署环境，自行修改。

1. 注册账户

接口:	/user/reg		
参数:			
参数名	参数值（参考）	类型	说明
mobile	19000001111	String	手机号
pwd	Test1111	String	密码
返回结果:			
<pre>{ "data": null, "code": 200, "message": "操作成功" }</pre>			

2. 登录账户

接口:	/user/login		
参数:			
参数名	参数值 (参考)	类型	说明
mobile	19000001111	String	手机号
pwd	Test1111	String	密码
返回结果:			
<pre>{ "data": { "auth_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtb2JpbGUiOiIxOTAwMDAwMTExMSIsIm1kI</pre>			

```
joiMTU5NDg3MjYzMTcxMzE0MDczOCIsImV4cCI6MTc0Nzg3OTMwMiwiYWFOIjoxNjY5MDgyNTAy
fQ.8ZvI3M2DLqAgVGR8ybp2V4LsPR4pmQ9p2IqbKsb4I8I",
  "user": {
    "id": "1594872631713140738",
    "createTime": "2022-11-22 09:57:21",
    "updateTime": null,
    "version": null,
    "valid": true,
    "mobile": "19000001111",
    "nickName": null,
    "headPic": null
  },
  "code": null,
  "message": null
}
```

3. 首页产品列表查询

接口:	/index/list
返回结果:	
<pre>{ "data": { "pop": [{ "id": "1594309639309111298", "createTime": "2022-11-20 20:40:14", "updateTime": null, "version": null, "valid": true, "productName": "戴尔显示器 27 英寸", "description": "戴尔显示器 27 英寸酷睿 i7/i9 高配一体机", "price": 5389, "pic": "./images/dell.jpg", "indexType": 2 }, { "id": "1594309639665627137", "createTime": "2022-11-20 20:40:14",</pre>	

```

        "updateTime": null,
        "version": null,
        "valid": true,
        "productName": "书桌垫学生学习写字台",
        "description": "办公 PU 皮革防水防油书桌垫",
        "price": 19,
        "pic": "./images/table_mat.jpg",
        "indexType": 2
    },
    ],
    "new": [
        {
            "id": "1594309638336032770",
            "createTime": "2022-11-20 20:40:13",
            "updateTime": null,
            "version": null,
            "valid": true,
            "productName": "布鞋 秋季懒人一脚蹬",
            "description": "老北京布鞋 帆布亚麻千层加绒棉鞋",
            "price": 59,
            "pic": "./images/shoe.jpg",
            "indexType": 1
        },
        {
            "id": "1594309638952595457",
            "createTime": "2022-11-20 20:40:13",
            "updateTime": null,
            "version": null,
            "valid": true,
            "productName": "联想小新笔记本 16 英寸",
            "description": "联想小新 Pro16 锐龙版笔记本电脑",
            "price": 59,
            "pic": "./images/lenovo.jpg",
            "indexType": 1
        }
    ]
},
"code": 200,
"message": null
}

```

4. 商品列表查询

接口:	/product/list		
参数:			
参数名	参数值（参考）	类型	说明
indexType	1	Int	0:其它 1:新品推荐 2:最近流行
返回结果:			
<pre>{ "data": [{ "id": "1594262076572884994", "createTime": "2022-11-20 17:31:14", "updateTime": null, "version": null, "valid": true, "productName": "晨光会议笔", "description": "手绘中性笔黑色 0.5", "price": 15.9, "pic": "./images/pen.jpg", "indexType": 1 }, { "id": "1594266554533486594", "createTime": "2022-11-20 17:49:01", "updateTime": null, "version": null, "valid": true, "productName": "复古怀旧铁艺飞机模型", "description": "模型摆件战斗机家居客厅手工装饰品", "price": 199.9, "pic": "./images/plane.jpg", "indexType": 1 }, { "id": "1594267619156938754", "createTime": "2022-11-20 17:53:15", "updateTime": null, "version": null, "valid": true, "productName": "维克多利数学作业纸带", "description": "作业纸数学小学生信纸草稿纸",</pre>			

```

        "price": 7.9,
        "pic": "./images/paper.jpg",
        "indexType": 1
    },
    {
        "id": "1594309638336032770",
        "createTime": "2022-11-20 20:40:13",
        "updateTime": null,
        "version": null,
        "valid": true,
        "productName": "布鞋秋季懒人一脚蹬",
        "description": "老北京布鞋帆布亚麻千层加绒棉鞋",
        "price": 59,
        "pic": "./images/shoe.jpg",
        "indexType": 1
    },
    {
        "id": "1594309638952595457",
        "createTime": "2022-11-20 20:40:13",
        "updateTime": null,
        "version": null,
        "valid": true,
        "productName": "联想小新笔记本 16 英寸",
        "description": "联想小新 Pro16 锐龙版笔记本电脑",
        "price": 59,
        "pic": "./images/lenovo.jpg",
        "indexType": 1
    },
    {
        "id": "1594309640085057538",
        "createTime": "2022-11-20 20:40:14",
        "updateTime": null,
        "version": null,
        "valid": true,
        "productName": "椅子坐垫",
        "description": "办公椅子记忆棉坐垫",
        "price": 20.8,
        "pic": "./images/cushion.jpg",
        "indexType": 1
    },
    {
        "id": "1594309640412213249",
        "createTime": "2022-11-20 20:40:14",
        "updateTime": null,

```

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        "version": null,
        "valid": true,
        "productName": "康奈尔笔记本",
        "description": "康奈尔笔记本复习学习考试考研笔记本",
        "price": 80.5,
        "pic": "./images/notebook.jpg",
        "indexType": 1
    },
    {
        "id": "1594309640768729090",
        "createTime": "2022-11-20 20:40:14",
        "updateTime": null,
        "version": null,
        "valid": true,
        "productName": "海奥华预言中文版",
        "description": "海奥华预言中文版无删减",
        "price": 19.5,
        "pic": "./images/book.jpg",
        "indexType": 1
    },
    {
        "id": "1594309641192353794",
        "createTime": "2022-11-20 20:40:14",
        "updateTime": null,
        "version": null,
        "valid": true,
        "productName": "海奥华预言中文版",
        "description": "海奥华预言中文版无删减",
        "price": 19.5,
        "pic": "./images/book.jpg",
        "indexType": 1
    }
],
"code": 200,
"message": null
}

```

5. 商品详情查询

接口:	/product/get
-----	--------------

参数:			
参数名	参数值 (参考)	类型	说明
id	1594262076572884994	Long	商品 id
返回结果:			
<pre>{ "data": { "id": "1594262076572884994", "createTime": "2022-11-20 17:31:14", "updateTime": null, "version": null, "valid": true, "productName": "晨光会议笔", "description": "手绘中性笔黑色 0.5", "price": 15.9, "pic": "./images/pen.jpg", "indexType": 1 }, "code": 200, "message": null }</pre>			

6. 下单结算

接口:	/order/add
参数: json 方式传参	
<pre>{ "products": [{ "productId": 1594262076572884994, "productNum": 2 }, { "productId": 1594266554533486594, "productNum": 2 }], "auth_token":</pre>	


```
"eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtb2JpbGUiOiIxOTAwMDAwMTExMSIsImkljoiMTU5NDg3MjYzMTcxMzE0MDczOCIsImV4cCI6MTc0Nzg3OTMwMiwiYW0IjoxNjY5MDgyNTAyfQ.8ZvI3M2DLqAgVGRBybp2V4LsPR4pmQ9p2IqbKsb4I8I",
"totalPrice": 100.5}
```

返回结果：

```
{
  "data": {
    "id": "1594262076572884994",
    "createTime": "2022-11-20 17:31:14",
    "updateTime": null,
    "version": null,
    "valid": true,
    "productName": "晨光会议笔",
    "description": "手绘中性笔黑色 0.5",
    "price": 15.9,
    "pic": "./images/pen.jpg",
    "indexType": 1
  },
  "code": 200,
  "message": null
}
```

7. 我的订单列表

接口：	/order/listByUserId		
参数：json 方式传参			
参数名	参数值（参考）	类型	说明
id	1594246967905513473	Long	用户 id
auth_token	eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtb2JpbGUiOiIxOTAwMDAwMTExMSIsImkljoiMTU5NDg3MjYzMTcxMzE0MDczOCIsImV4cCI6MTc0Nzg3OTMwMiwiYW0IjoxNjY5MDgyNTAyfQ.8ZvI3M2DLqAgVGRBybp2V4LsPR4pmQ9p2IqbKsb4I8I	String	token
返回结果：			
{ "data": [

```
{
  "id": "1594333333523865601",
  "createTime": null,
  "updateTime": null,
  "version": null,
  "valid": true,
  "orderNo": "7320221120222140412",
  "orderTime": "2022-11-20 22:14:23",
  "totalPrice": 100.5,
  "reducedPrice": 0.0,
  "userId": 1594246967905513473,
  "orderDetails": [
    {
      "id": "1594333333720997889",
      "createTime": null,
      "updateTime": null,
      "version": null,
      "valid": true,
      "orderId": null,
      "productId": 1594266554533486594,
      "productNum": 2,
      "productName": "复古怀旧铁艺飞机模型"
    },
    {
      "id": "1594333333653889025",
      "createTime": null,
      "updateTime": null,
      "version": null,
      "valid": true,
      "orderId": null,
      "productId": 1594262076572884994,
      "productNum": 2,
      "productName": "晨光会议笔"
    }
  ]
},
{
  "id": "1594333793525768193",
  "createTime": null,
  "updateTime": null,
  "version": null,
  "valid": true,
  "orderNo": "73202211202212161318",
  "orderTime": "2022-11-20 22:16:12",
```

```

        "totalPrice": 100.5,
        "reducedPrice": 0.0,
        "userId": 1594246967905513473,
        "orderDetails": [
            {
                "id": "1594333793794203649",
                "createTime": null,
                "updateTime": null,
                "version": null,
                "valid": true,
                "orderId": null,
                "productId": 1594266554533486594,
                "productNum": 2,
                "productName": "复古怀旧铁艺飞机模型"
            },
            {
                "id": "1594333793659985922",
                "createTime": null,
                "updateTime": null,
                "version": null,
                "valid": true,
                "orderId": null,
                "productId": 1594262076572884994,
                "productNum": 2,
                "productName": "晨光会议笔"
            }
        ]
    },
    {
        "id": "1594333904788029442",
        "createTime": null,
        "updateTime": null,
        "version": null,
        "valid": true,
        "orderNo": "73202211202238163727",
        "orderTime": "2022-11-20 22:16:39",
        "totalPrice": 100.5,
        "reducedPrice": 0.0,
        "userId": 1594246967905513473,
        "orderDetails": [
            {
                "id": "1594333905119379457",
                "createTime": null,
                "updateTime": null,
            }
        ]
    }
]

```

```

        "version": null,
        "valid": true,
        "orderId": null,
        "productId": 1594266554533486594,
        "productNum": 2,
        "productName": "复古怀旧铁艺飞机模型"
    },
    {
        "id": "1594333904989356033",
        "createTime": null,
        "updateTime": null,
        "version": null,
        "valid": true,
        "orderId": null,
        "productId": 1594262076572884994,
        "productNum": 2,
        "productName": "晨光会议笔"
    }
]
},
{
    "id": "1594344270326693890",
    "createTime": null,
    "updateTime": null,
    "version": null,
    "valid": true,
    "orderNo": "73202211202250575254",
    "orderTime": "2022-11-20 22:57:50",
    "totalPrice": 100.5,
    "reducedPrice": 0.0,
    "userId": 1594246967905513473,
    "orderDetails": [
        {
            "id": "1594344270586740737",
            "createTime": null,
            "updateTime": null,
            "version": null,
            "valid": true,
            "orderId": null,
            "productId": 1594266554533486594,
            "productNum": 2,
            "productName": "复古怀旧铁艺飞机模型"
        },
    ]
}
```

```

        "id": "1594344270456717313",
        "createTime": null,
        "updateTime": null,
        "version": null,
        "valid": true,
        "orderId": null,
        "productId": 1594262076572884994,
        "productNum": 2,
        "productName": "晨光会议笔"
    }
}
],
"code": null,
"message": null
}

```