

## *Jy:*

First of everything, you should create an account

Register User: Request: curl --location --request PUT  
'http://localhost:3000/user/create \ --header 'Content-Type: application/json' \

--data-raw '{ "username": "",

"password": "", "telephone": "", "nickname": ""

}' Response: {

"code": 0,

"message": "register success" }

After you create an account, you want to login.

Login request: Request: curl --location --request PUT 'http://localhost:3000/user/login'  
\ --header 'Content-Type: application/json' \

--data-raw '{ "username": "",

"password": "", }'

Response: {

"code": 0,

"message": "login success" }

You also can update the information after you create and successfully login

Update User: Request: curl --location --request PUT  
'http://localhost:3000/user/update \ --header 'Content-Type: application/json' \

--data-raw '{// you can't change the username "password": changed,

"telephone": changed, "nickname": changed,

}' Response: {

```
"code": 0,
```

```
"message": "update success" }
```

You also can read all the information that the user has.

Read User: Request: curl --location --request PUT 'http://localhost:3000/user/update' \

```
--data-raw '{ }'
```

Response: {

```
}
```

```
"code": 0,
```

```
"message": "read success" "data":{
```

```
"username": changed,
```

```
"password": changed, "telephone": changed, "nickname": changed, }
```

You also can delete the current user after you successfully login

Delete User: Request: curl --location --request PUT 'http://localhost:3000/user/delete' \

```
--data-raw '{ "username":,
```

```
}' Response: {
```

```
"code": 0,
```

```
"message": "delete success" }
```

## ***Heng Huang:***

Register User:

Request:

```
curl --location --request PUT 'http://localhost:3000/customer' \
```

```
--header 'Content-Type: application/json' \
```

```
--data-raw '{
```

```
  "username": "",
```

```
  "password": "",
```

```
  "telephone": "",
```

```
        "nickname": ""
    }
}
```

Response:

```
{
  "code": 0,
  "message": "register success"
}
```

Login:

Request:

```
curl --location --request POST 'http://localhost:3000/customer' \
--header 'Content-Type: application/json' \
--data-raw '{
  "username": "",
  "password": "",
}
```

Response:

```
{
  "code": 0,
  "message": "login success"
}
```

Get Customer Detail

Request:

```
curl --location --request GET 'http://localhost:3000/customer/test' \
--data-raw ""
```

Response:

```
{
  "code": 0,
  "msg": "get user detail success",
  "data": {
    "username": "test",
    "password": "123456",
    "telephone": "12345678901",
    "nickname": "test's nickname"
  }
}
```

Update Customer Detail

Request:

```
curl --location --request PUT 'http://localhost:3000/customer/test' \
--header 'Content-Type: application/json' \
--data-raw ' {"username": "test",
  "password": "123456",
```

```
        "telephone": "12345678901",
        "nickname": "test\\'s nickname"
    }'
```

Response

```
{
    "code": 0,
    "message": "update user info success"
}
```

get house list

Request

```
curl --location --request GET 'http://localhost:3000/house' \
--data-raw ''
```

Response:

```
{
    "code": 0,
    "msg": "get house list success",
    "data": [
        {
            "id": 1,
            "cover": "/imgs/2.jpg",
            "title": "Kendrick Place",
            "address": "beijin hai ding",
            "type": "3 house 2 halls",
            "typeImage": "/imgs/details/KP1B.JPG",
            "area": "100",
            "floor": "1",
            "price": "100000",
            "fav": true
        },
        {
            "id": 2,
            "cover": "/imgs/3.jpg",
            "title": "Aspen Heights",
            "address": "ShangHai",
            "type": "3 house 2 halls",
            "typeImage": "imgs/details/AS3B2B.PNG",
            "area": "120",
            "floor": "8",
            "price": "2000",
            "fav": false
        },
        {
            "id": 3,
            "cover": "/imgs/4.jpg",
```

```

        "title": "North square",
        "address": "JiangSu",
        "type": "3 house 2 halls",
        "typeImage": "imgs/details/AS3B2B.PNG",
        "area": "130",
        "floor": "20",
        "price": "9876",
        "fav": false
    },
    {
        "id": 4,
        "cover": "/imgs/5.jpg",
        "title": "Olympia Place",
        "address": "ChnagZhou",
        "type": "3 house 2 halls",
        "typeImage": "imgs/details/AS3B2B.PNG",
        "area": "88",
        "floor": "6",
        "price": "1234",
        "fav": true
    }
]
}

```

## Search House

### Request:

```

curl --location --request GET 'http://localhost:3000/search?kw=sth' \
--data-raw ''

```

### Response:

```

{
  "code": 0,
  "msg": "get house list success",
  "data": [
    {
      "id": 3,
      "cover": "/imgs/4.jpg",
      "title": "North square",
      "address": "JiangSu",
      "type": "3 house 2 halls",
      "typeImage": "imgs/details/AS3B2B.PNG",
      "area": "130",
      "floor": "20",
      "price": "9876"
    }
  ]
}

```

```
    ]  
  }  
}
```

### Get House Detail

#### Request:

```
curl --location --request GET 'http://localhost:3000/house/1' \  
--data-raw ''
```

#### Response:

```
{  
  "code": 0,  
  "msg": "get house list success",  
  "id": 4,  
  "cover": "/imgs/5.jpg",  
  "title": "Olympia Place",  
  "address": "ChnagZhou",  
  "type": "3 house 2 halls",  
  "typeImage": "imgs/details/AS3B2B.PNG",  
  "area": "88",  
  "floor": "6",  
  "price": "1234"  
}
```

### get favorite

#### Request:

```
curl --location --request POST 'http://localhost:3000/favourite' \  
--header 'Content-Type: application/json' \  
--data-raw '{  
  "username": "username"  
}'
```

#### Response:

```
{  
  "code": 0,  
  "msg": "get favourite list success",  
  "data": [  
    {  
      "id": 1,  
      "cover": "/imgs/2.jpg",  
      "title": "Kendrick Place",  
      "address": "beijin hai ding",  
      "type": "3 house 2 halls",  
      "typeImage": "imgs/details/KP1B.JPG",  
      "area": "100",  
      "floor": "1",  
      "price": "100000",  
      "fav": true  
    },  
  ],  
}
```

```
{
  "id": 4,
  "cover": "/imgs/5.jpg",
  "title": "Olympia Place",
  "address": "ChnagZhou",
  "type": "3 house 2 halls",
  "typeImage": "imgs/details/AS3B2B.PNG",
  "area": "88",
  "floor": "6",
  "price": "1234",
  "fav": true
}
]
```

add favorite

Request:

```
curl --location --request POST 'http://localhost:3000/favorite/1' \
--header 'Content-Type: application/json' \
--data-raw '{
  "username":"username"
}'
```

Response

```
{
  "code": 0,
  "message": "add favourite success"
}
```

delete favorite

Request:

```
curl --location --request DELETE 'http://localhost:3000/favorite/1' \
--header 'Content-Type: application/json' \
--data-raw '{
  "username":"username"
}'
```

Response:

```
{
  "code": 0,
  "message": "delete favourite success"
}
```