Foodies后台接口说明文档

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resultCode

1 成功（查询内容见content）

-1 失败（用户输入错误等，具体内容见msg）

-2 内部错误（代码异常，异常内容见content）

第一章User

## （一）用户登录

|  |  |  |
| --- | --- | --- |
| Function | | User Login |
| URL | | /Foodies/user/login |
| Method | | POST |
| Parameters | | None |
| Request Body | | {  ///用户名（支持username或者email，入参不做区分均放入userName字段）（必传）  “userName” :“antong”,  ///密码（必传）  “password” : “123456”,  ///用户类型（1顾客，2商家，0管理员）（必传）  “type” : 1  } |
| Response | Success | {      "msg": "Login Success",      "resultCode": 1,      "content": {          "id": 1,          "name": "Chen Antong",          "phone\_number": "81485722",          "gender": "F",          "email": "antongdoudou@163.com",          "username": "antong",          "password": "1234567",          "type": "1",          "nric\_FIN": "M05114U"      },      "token": "eyJhbGciOiJIUzI1NiJ9.eyJqdGkiOiIxIiwic3ViIjoiYW50b25nIiwiaWF0IjoxNjY0MTc5MDk3LCJleHAiOjE2NjQyNjU0OTd9.oCDm4UzbXP\_BC3Ion6IpYwu-1hgVq5tUQ5z0HPpqSDs"  } |
| Failure | {  "msg": "Login Fail",  "resultCode": -1,  "content": "Username or Password Error"  } |

## 创建用户

|  |  |  |
| --- | --- | --- |
| Function | | Create User |
| URL | | /Foodies/user |
| Method | | POST |
| Parameters | | None |
| Request Body | | {  ///用户名**（必传）**  “userName” : “anDong”,  ///密码**（必传）**  “password” : “123456”,  ///用户姓名**（必传）**  “name” : “Chen AnDong”,  ///性别  “gender” : “M”,  ///电话  “phone” : “81485766”,  ///邮箱  “email” : [“antongdoudou@xxx.com”,](mailto:\“antongdoudou@163.com\”,)  ///NRIC/FIN**（必传）**  “NRIC” : “NU708832U”,  ///用户类型（1顾客，2商家，0管理员）**（必传）**  “type” : 1  } |
| Response | Success | {  "msg": "User Created",  "resultCode": 1,  "content": "User Created"  } |
| Failure | {  "msg": "User Create Fail",  "resultCode": -1,  "content": "UserName Already Exist" / "Phone Already Exist" / "Email Already Exist" / "NRIC Already Exist"  } |

## 查看用户

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | | Get User | | |
| URL | | /Foodies/user | | |
| Method | | GET | | |
| Parameters | | Name | Optional | Example |
| user\_name | optional |  |
| gender | optional |  |
| name | optional |  |
| type | optional |  |
| Request Body | | None | | |
| Response | Success | {  "msg": "Query Success",  "resultCode": 1,  "content": [  {  "password": "123456",  "nRIC\_FIN": "M05114U",  "gender": "M",  "name": "Chen Antong",  "phone\_number": "81485722",  "id": 1,  "type": "1",  "email": "antongdoudou@163.com",  "username": "antong"  }  ]  } | | |
| Failure |  | | |

## 修改用户

|  |  |  |
| --- | --- | --- |
| Function | | Update User |
| URL | | /Foodies/user |
| Method | | PUT |
| Parameters | | None |
| Request Body | | {  ///用户名  “userName” : “antong”,  ///性别  “gender” : “M”,  ///电话  “phone” : “81485799”,  ///邮箱  “email” : [“antongdoudou@xxx.com”,](mailto:\“antongdoudou@163.com\”,)  ///NRIC/FIN**（必传）**  “NRIC” : “NU708832U”,  ///用户类型（1顾客，2商家，0管理员）**（必传）**  “type” : 1  } |
| Response | Success | {  "msg": "User Modify Success",  "resultCode": 1,  "content": "User Modify Success"  } |
| Failure | {  "msg": "User Modify Fail",  "resultCode": -1,  "content": "UserName Already Exist" / "Phone Already Exist" / "Email Already Exist"  } |

## 修改密码

|  |  |  |
| --- | --- | --- |
| Function | | Change Password |
| URL | | /Foodies/user/modifyPassword |
| Method | | PUT |
| Parameters | | None |
| Request Body | | {  ///用户名  “userName” : “antong”,  ///性别  “gender” : “M”,  ///电话  “phone” : “81485799”,  ///邮箱  “email” : [“antongdoudou@xxx.com”,](mailto:\“antongdoudou@163.com\”,)  ///NRIC/FIN**（必传）**  “NRIC” : “NU708832U”,  ///用户类型（1顾客，2商家，0管理员）**（必传）**  “type” : 1  } |
| Response | Success | {  ///用户名**（必传）**  “userName” : “antong”,  ///密码**（必传）**  “password” : “1234567”,  } |
| Failure | {  "msg": "Password Modify Success",  "resultCode": 1,  "content": "Password Modify Success"  } |

第二章Canteen

## 查询餐厅

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | | Get Canteen | | |
| URL | | /Foodies/canteen | | |
| Method | | GET | | |
| Parameters | | Name | Optional | Example |
| user\_id | optional |  |
| order\_type | optional |  |
| keyword | optional |  |
| Request Body | | None | | |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": [  {  "id": 3,  "name": "test-canteen",  "star": 0.0,  "description": "just for test",  "user\_id": 7,  "canteenTypes": []  },  {  "id": 4,  "name": "test-canteen2",  "star": 0.0,  "description": "just for test",  "user\_id": 7,  "canteenTypes": [  {  "id": 5,  "type": "cold"  },  {  "id": 6,  "type": "western"  }  ]  },  {  "id": 5,  "name": "test-canteen3",  "star": 0.0,  "description": "just for test",  "user\_id": 7,  "canteenTypes": [  {  "id": 3,  "type": "spicy"  },  {  "id": 4,  "type": "hot"  }  ]  }  ]  } | | |
| Failure |  | | |

## 创建餐厅

|  |  |  |
| --- | --- | --- |
| Function | | Create Canteen |
| URL | | /Foodies/canteen |
| Method | | POST |
| Parameters | | None |
| Request Body | | {  ///餐厅名称**（必传）**  “name” : “McDonld”,  ///餐厅描述**（必传）**  “description” : “World Famous Fast Food”,  ///用户ID**（必传）**  “userID” : “2”  ///餐厅类型的id列表  “canteenTypes”: [${canteenTypeID1}, ${canteenTypeID2}]  } |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": 6 ///id of created canteen  } |
| Failure | {  "code": 403,  "msg": "Name Already Exist",  "data": null  } |

## 更新餐厅

|  |  |  |
| --- | --- | --- |
| Function | | Update Canteen |
| URL | | /Foodies/canteen/{id\_list} |
| Method | | PUT |
| Parameters | | None |
| Request Body | | {  ///餐厅名称  “name” : “McDonld”,  ///餐厅描述  “description” : “World Famous Fast Food”,  ///餐厅类型的id列表  “canteenTypes”: [${canteenTypeID1}, ${canteenTypeID2}]  } |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": null  } |
| Failure | {  "msg": "Canteen Create Fail",  "resultCode": -1,  "content": "Name Already Exist"  } |

## 删除餐厅

|  |  |  |
| --- | --- | --- |
| Function | | Update Canteen |
| URL | | /Foodies/canteen/{id\_list} |
| Method | | DELETE |
| Parameters | | None |
| Request Body | | None |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": null  } |
| Failure | {  "msg": "Canteen Create Fail",  "resultCode": -1,  "content": "Name Already Exist"  } |

## 创建餐厅类型

|  |  |  |
| --- | --- | --- |
| Function | | Create Canteen |
| URL | | /Foodies/canteen/type |
| Method | | POST |
| Parameters | | None |
| Request Body | | {  "type": "Indian" ///type name(required)  } |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": 6 ///id of created canteenType  } |
| Failure | {  "code": 403,  "msg": "Name Already Exist",  "data": null  } |

## 查询餐厅类型

|  |  |  |
| --- | --- | --- |
| Function | | Get Canteen |
| URL | | /Foodies/canteen/type |
| Method | | GET |
| Parameters | | None |
| Request Body | | None |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": [  {  "id": 3,  "type": "spicy"  },  {  "id": 4,  "type": "hot"  },  {  "id": 5,  "type": "cold"  },  {  "id": 6,  "type": "western"  },  {  "id": 7,  "type": "Indian"  }  ]  } |
| Failure |  |

## 更新餐厅类型

|  |  |  |
| --- | --- | --- |
| Function | | Update Canteen |
| URL | | /Foodies/canteen/type/{id\_list} |
| Method | | PUT |
| Parameters | | None |
| Request Body | | {  ///餐厅名称  “type” : “Chinese”,  } |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": null  } |
| Failure | {  "msg": "Canteen Create Fail",  "resultCode": -1,  "content": "Name Already Exist"  } |

## 删除餐厅类型

|  |  |  |
| --- | --- | --- |
| Function | | Update Canteen |
| URL | | /Foodies/canteen/type/{id\_list} |
| Method | | DELETE |
| Parameters | | None |
| Request Body | | None |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": null  } |
| Failure | {  "msg": "Canteen Create Fail",  "resultCode": -1,  "content": "Name Already Exist"  } |

第三章Dish

## 查询菜品

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | | Get Dish | | |
| URL | | /Foodies/dish | | |
| Method | | GET | | |
| Parameters | | Name | Optional | Example |
| canteen\_id | optional |  |
| type | optional |  |
| order\_type | optional |  |
| Request Body | | None | | |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": [  {  "sales\_num\_thirty": 0,  "canteen\_id": 3,  "price": 15.0,  "name": "icecream",  "dish\_type\_id": 6,  "description": "",  "id": 7,  "availability": 1,  "stock": 100  }  ]  } | | |
|  | Failure |  | | |

## 创建菜品

|  |  |  |
| --- | --- | --- |
| Function | | Create Dish |
| URL | | /Foodies/dish |
| Method | | POST |
| Parameters | | None |
| Request Body | | {  ///菜品名称**（必传）**  “name” : “FishBurger”,  ///食品价格**（必传）**  “price” : 12.5,  ///食品描述**（必传）**  “description”:“Good Quality Fish”,  ///食品类型**（optional）**  “type”:”hamburger”,  ///餐厅ID**（必传）**  “canteenID”:”2”  } |
| Response | Success | {  "msg": "Dish Created",  "resultCode": 1,  "content": "Dish Created"  } |
| Failure | {  "msg": "Dish Create Fail",  "resultCode": -1,  "content": "Name Already Exist"  } |

## 更新菜品

|  |  |  |
| --- | --- | --- |
| Function | | Update Dish |
| URL | | /Foodies/dish |
| Method | | PUT |
| Parameters | | None |
| Request Body | | {  ///菜品名称**（optional）**  “name” : “FishBurger”,  ///食品价格**（optional）**  “price” : 12.5,  ///食品描述**（optional）**  “description”:“Good Quality Fish”,  ///食品类型**（optional）**  “type”:”hamburger”  } |
| Response | Success | {  "msg": "Updated Success",  "resultCode": 1,  "id": {updated dish id}  } |
| Failure |  |

## 删除菜品

|  |  |  |
| --- | --- | --- |
| Function | | Delete Dish |
| URL | | /Foodies/dish/{id,id...} |
| Method | | DELETE |
| Parameters | | None |
| Request Body | | None |
| Response | Success | {  "msg": "Delete Success",  "resultCode": 1  } |
| Failure |  |

第四章Order

## （一）create order

|  |  |  |
| --- | --- | --- |
| Function | | Create Order |
| URL | | /Foodies/order |
| Method | | POST |
| Parameters | | None |
| Request Body | | {  "orderTime": "2015-11-05 14:29:36",  "totalFee": 16.16,  "canteenID": 3,  "userID": 7,  "orderItems": [  {  "name": "icecream",  "number": 10,  "fee": 20.2,  "dish\_id": 7  },  {  "name": "hot pot",  "number": 3,  "fee": 60,  "dish\_id": 8  }  ],  "status": 0  } |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": 1 /// id of order  } |
| Failure |  |

## （二）get order

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Function | | Get Order | | |
| URL | | /Foodies/order | | |
| Method | | GET | | |
| Parameters | | Name | Optional | Example |
| canteen\_id | optional |  |
| user\_id | optional |  |
| status | optional |  |
| order\_type | optional |  |
| Request Body | | None | | |
| Response | Success | {  "code": 200,  "msg": "Success",  "data": [  {  "id": 1,  "create\_time": "2022-10-05 20:40:31",  "order\_time": "2015-11-05 14:29:36",  "total\_fee": 16.16,  "status": 0,  "user\_id": 7,  "canteen": {  "id": 3,  "name": "test-canteen",  "star": 0.0,  "description": "just for test",  "user\_id": 7,  "canteenTypes": null  },  "orderItems": [  {  "id": 1,  "name": null,  "number": 10,  "fee": 20.2,  "order\_id": 1,  "dish": {  "id": 7,  "name": "icecream",  "price": 15.0,  "stock": 100,  "description": "",  "availability": 1,  "dish\_type\_id": 6,  "sales\_num\_thirty": 10,  "canteen\_id": 3  },  "dish\_id": 7  },  {  "id": 2,  "name": null,  "number": 3,  "fee": 60.0,  "order\_id": 1,  "dish": {  "id": 8,  "name": "hot pot",  "price": 60.0,  "stock": 30,  "description": "",  "availability": 1,  "dish\_type\_id": 7,  "sales\_num\_thirty": 3,  "canteen\_id": 3  },  "dish\_id": 8  }  ]  }  ]  } | | |
| Failure |  | | |

## （三）update order status

|  |  |  |
| --- | --- | --- |
| Function | | Update Order Status |
| URL | | /Foodies/order/status |
| Method | | PUT |
| Parameters | | None |
| Request Body | | {  "orderID": 1,  "status": 0  } |
| Response | Success | {  "resultCode": 1,  "msg": "Order Status Modified"  } |
| Failure |  |