Table
id
max_no
available
Restaurant

Restaurant
id
name
location

Unavailable
id
Restaurant
Food

Order
id
User
Table
Ordered_Food
complete
no_of_people
total_price

User
id
username
password
email

Food
id
Eng_Name
Chinese_Name
Price
Description
ave_point
Type

Comment
id
comment
given_point
User
Restaurant
Food

Ordered_Food
id
Food
No
Price

Type
id
Eng_Name
Chinese_Name

Restaurant

Method	Endpoint	Description
GET	api/restaurant	list all restaurant
POST	api/restaurant	create new restaurant, superuser only
GET	api/restaurant/<int:pk>	get a restaurant with id
PUT	api/restaurant/<int:pk>	update the information of restaurant with id, superuser only
DELETE	api/restaurant/<int:pk>	delete a restaurant with id, superuser only

Filter

name	restaurant with its name contain name
location	restaurant with its location contain location

Form

name	name of restaurant
location	location of restaurant

Table

Method	Endpoint	Description
GET	api/table	list all table with its restaurant
POST	api/table	create new table, superuser only
GET	api/table/<int:pk>	get a table with id
PUT	api/table/<int:pk>	update the information of table with id, superuser only
DELETE	api/table/<int:pk>	delete a table with id, superuser only

Filter

max_no	table with its capacity no less then max_no
restaurant_id	table with its restaurant with restaurant_id
location	table with its restaurant with its location contai
available	table is available or not. Default is True.

Form

max_no	max capacity of table
restaurant_id	id of restaurant which table is
available	table is available or not (not required, default i

Type

Method	Endpoint	Description
GET	api/type	list all type with its foods
POST	api/type	create new type, superuser only
GET	api/type/<int:pk>	get a type with id
PUT	api/type/<int:pk>	update the information of type with id, superuser only
DELETE	api/type/<int:pk>	delete a type with id, superuser only

Filter

search	type with chinese name contains search OR e contains search

Form

chinese_name	chinese name of type

| | Str |
| | Str |

| | Str |
| | Str |

	Int
	Int
n location	Str
	Bool

	Int
	Int
s True)	Bool

| english name | Str |

| | Str |

	english_name	english name of type

Filter

name	food with its chinese name contain name OR i... name contain name
price_lte	price of food is equal or less than price_lte
price_gte	price of food is equal or greater than price_gte
point_lte	point of food is equal or less than point_lte
point_gte	point of food is equal or greater than point_gte
type_id	food with type with its id is type_id

Food

GET	api/food	list all food with its type
POST	api/food	create new food, superuser only
GET	api/food/<int:pk>	get a food with id
PUT	api/food/<int:pk>	update the information of food with id, superuser only
DELETE	api/food/<int:pk>	delete a foodwith id, superuser only

Form

type	type of food with its id is type
chinese_name	chinese name of food
english_name	english name of food
price	price of food

Filter

Order

GET	api/order	list all order, superuser only
POST	api/order	create new order
GET	api/order/<int:pk>	get a order with id and its ordered food, owner or superuser only
PUT	api/order/<int:pk>	update the information of order with id, superuser only
DELETE	api/order/<int:pk>	delete a order with id, superuser only

Form

table_id	table of order with table id is ta...
no_of_people	the number of people of order

Form

complete	order is complete or not. Defau...

Str

	Str
its english	
	Float
	Float
e	
	Float
	Float
e	
	Int

	Int
	Str
	Str
	Float

	Int
ble_id	
	Int

	Int
ult is False	

OrderFood

POST	api/order-food	add food into order which is owed by user

Form

food_id	food with id is food_id
number	how many the food has been o...
order_id	order with id is order_id

Filter

food_name	comment with food with its chi... food name OR its english nam...
give_point_gte	comment with give point is equ... give point gte
give_point_lte	comment with give point is equ... give point lte
user_id	comment with writer id is user_...
restaurant_id	comment with restaurant id is r...

Comment

GET	api/comment	list all comment
POST	api/comment	create new comment
GET	api/comment/<int:pk>	get a comment with id
PUT	api/comment/<int:pk>	update the information of comment with id, superuser or writer only
DELETE	api/comment/<int:pk>	delete a order with id, superuser or writer only

Form

food_id	comment with food with id is fo...
give_point	give point of the comment
restaurant_id	restaurant of the comment with...
comment	comment

Form

comment	comment

Filter

food_name	comment with food with its chi... food name OR its english nam...
restaurant_id	comment with restaurant id is r...

Unavailabe

GET	api/unavailable	list unavailabe items
POST	api/unavailable	create unavailabe items
GET	api/unavailable/<int:pk>	get a unavailabe items with id and its ordered food, owner or superuser only
DELETE	api/unavailable/<int:pk>	delete a unavailabe items with id, superuser only

Form

food	unavailable with food with id is ...
restaurant_id	restaurant of the unavailable w...

	Int
ordered	Int
	Int

nese name contains	Str
e contains food name	
al or greater than	Float
al or less than	Float
id	Int
estaurant_id	Int

od_id	Int
	Float
id is restaurant_id	Int
	Str

| | Str |

nese name contains	Str
e contains food name	
estaurant_id	Int

| food_id | Int |
| ith id is restaurant_id | Int |