

Group15_Customizable meal ordering system

Group members:

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Users

The user collection will store all users. Users will be able to login, update their details including address and phone number.

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "firstName": "John",
  "lastName": "Doe",
  "Email": "JDoe@gmail.com",
  "Gender": "M",
  "Address": "XX Str, apt 101, Hoboken, NJ",
  "Contact number": "808-888-8888",
  "hashedPassword":
"$2a$08$XdvNkfdNIL8F8xsuIUeSbNOFgK0M0iV5HOskfVn7.PWncShU.O"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the user.
firstName	String	User's first name.

lastName	String	User's last name.
hashPassword	string	The password when users log in.
Email / Gender / Address / Contact number	string	User's email, gender, address and contact number.

Dish materials

The dish materials collection will store the customized materials created by users. Each document will include vegetable, meat, flavor, cooking style, carbohydrate and drink. Users could choose at most one of each kind. For example, user A could choose “tomato + beef + mild + stew + rice + milk” for an order.

```
{
  "_id": "111111111111111111",
  "user_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "vegetable": "tomato",
  "meat": "beef",
  "cookingStyle": "stew",
  "flavor": "mild",
  "carbohydrate": "rice",
  "drink": "milk"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the dish materials.
user_id	string	The user ID who orders the dish.
vegetable	string	The vegetable the user picks.
meat	string	The meat the user picks.
cookingStyle	string	The cooking style the user picks.
flavor	string	The flavor the user picks.
carbohydrate	string	The carbohydrate the user picks.
drink	string	The drink the user picks.

Finished dish

The finished dish collection will store the finished dish based on what user picks for each material.

```
{
  "_id": "22222222222222222222",
```

```

    "material_id": "1111111111111111",

    "user_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",

    "product": "Stewed Beef Brisket with Tomato",

    "carbohydrate": "rice",

    "drink": "milk",

    "comments": ["3333333333333333"]
}

```

Name	Type	Description
_id	string	A globally unique identifier to represent the finished dish.
material_id	string	The dish materials ID.
user_id	string	The user ID who orders the dish.
product	string	The finished dish based on what materials the user picks.
carbohydrate	string	The carbohydrate the user picks.
drink	string	The drink the user picks.
Comments	array	An array of string which stores the comment id for this dish.

Comments

The comments collection will store the user comments for the finished dish they ordered.

```
{  
  "_id": "3333333333333333",  
  "user_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",  
  "finishedDish_id": "22222222222222222222",  
  "commentText": "Very delicious"  
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the comment ID.
user_id	string	The user ID who made this comment.
finishedDish_id	string	The finished dish ID the comment made for.
commentText	string	The comment contents.

