

## Boba Shop App

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### \*: Extra Features

#### Users

A collection of the Users of the Website

```
{
  "_id": "507f1f77bcf86cd799439011",
  "username": "Kanta",
  "encryptedPassword": "JDrMEc8ehkiBEE/gLCtWNQ==",
  "email": "kanta@gmail.com",
  "bio": "I love the smiths!",
  *"profilePic": "url.jpg",
  *"leaderboardPoints": 55,
  "zipcode": 07866,
  "accountType": "default"
  "userReviews": ["607f1f77bcf86cd799439011",
                  "707f1f77bcf86cd799439011"],
  "userComments": ["607f1f77bcf86cd799439011",
                   "707f1f77bcf86cd799439011"],
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the user.
username	string	User's identifier to other users
encryptedPassword	string	User's hashed password for login
email	string	User's email account used to sign up for an account
bio	string	User's biography describing themselves
profilePic	string	String pointing to an image link for the user's profile picture

leaderboardPoints	int	A int for the amount of points accumulated for the leaderboard
zipcode	int	5 digit integer of the user's zipcode
accountType	string	A string that indicates what type of account it is. "Default", "Business", "Admin"
userReviews	array	Array that stores the commentIDs of the user's reviews
userComments	array	Array that stores the commentIDs of the user's comments

## Reviews

A subdocument of the user collection.

```
{
  "_id": "607f1f77bcf86cd799439011",
  "objId": "807f1f77bcf86cd799439011",
  "rating": 5,
  "review": "Br, it is so good!",
  "reviewDate": "01/14/2003"
  "comments":["7b7997a2-c0d2-4f8c-b27a-6ald4b5b6310",
    "7b7997a2-c0d2-4f8c-b27a-6ald4b5b6310", ...]
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the review.
objId	string	A globally unique identifier represents what is being reviewed, whether an item or a shop.
rating	int	Rating between 1 and 5 that is used to quantify the user's experience at the shop
review	string	Review text used to describe the user's experience in words at the shop
reviewDate	string	A string of the date that the review was inputted
comments	array	Array of comment objects consisting of their id, username of the author, and the comment text

## Comment

A subdocument of the review subdocument

```
{
  "_id": "7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
  "userId": "9b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310"
  "username": "HaChungHoohn",
  "comment": "Your opinion is BAD!"
  "commentDate": "07/28/2012"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the comment.
username	string	A string that is the username of the user that left the comment
comment	string	A string for the comment left by the user
commentDate	string	A string for the date of the comment

## Shop

A collection of the shops featured on the website.

```
{
  "_id": "807f1f77bcf86cd799439011",
  "ownerId": "627f1f77bcf86cd799439011"
  "name": "Kong Dog Boba"
  "Address": "529 Washington Street, Hoboken, NJ"
  "phoneNumber": "+1 973-519-6410"
  "itemList": ["807f1f77bcf86cd799439015",
               "807f1f77bcf86cd799439017", ...],
  "averageRating": 5
  "reviewsList": ["807f1f77bcf86cd799439014",
                  "807f1f77bcf86cd799439016", ...],
  "flagList": ["807f1f77bcf86cd799439024",
               "807f1f77bcf86cd799439026", ...],
  *"promotions": ["807a1f77bcf86cd799439024",
                  "807b1f77bcf86cd799439026", ...],
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the shop.
ownerId	string	A string that represents what account(userId) that has claimed ownership of the shop. Can only be claimed by Business account types and is by default null.
name	string	Name of the shop
address	string	Address of the shop
phoneNumber	string	Phone number of the shop
itemList	array	Array of item id's
averageRating	int	Average of the rating values from every review
reviewsList	array	Array of review id's
flagList	array	Array of flag id's for the subdocuments
promotions	array	Array of promotion ids subdocument

## Item

Subdocument of Boba Shop Collection.

```
{
  "_id": "807f1f77bcf86cd799439015",
  "name": "ROSEHIP MILK TEA",
  "description": "This is good!",
  "price": 4.20,
  "tags": ["Hot", "Iced", "Milk Tea"],
  "allergens": ["Gluten", "Nut", ...],
  *"itemReviews": ["807f1f77bcf86cd799439014",
                  "807f1f77bcf86cd799439016", ...]
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the item.
name	string	A string to identify the name of the product.
description	string	A string to give a description of the item.
price	number	A number that is > 0 and has at most 2 decimal places to identify the price of a product.
tags	array	An array of strings to identify common descriptors of each item
allergens	array	An array of strings to identify which common allergens are present in the item.
itemReviews	array	An array of itemReview ids for that specific item.

## Flag

Subdocument of Boba Shop Collection.

```
{
  "_id": "817f1f77bcf86cd799439015",
  "userId": "123456789101112131415"
  "flagDate": "04/01/2021"
  "flagReason": "This is wrong!"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the shop.
userId	string	A string that represents the userId of the account that gave the flag will only be visible to the admin accounts.
flagDate	string	A string that represents the date at which the flag was given
flagReason	string	The reason for the flag given

## \*Promotions

Subdocument of Boba Shop Collection

```
{
  "_id": "817f1f77bcf86cd799439015",
  "startDate": "03/29/2018",
  "endDate": "12/12/2018",
  "description": "Green Tea Boba with Winston's special
  sauce half off"
}
```

Name	Type	Description
_id	string	A globally unique identifier to represent the shop.
startDate	string	The first day of the promotion.
endDate	string	The last day of the promotion.
description	string	A string description of what exactly the promotion is for.