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CS546 Hoboken Happy Hours Database Proposal

User

The user collection will store all users. Users will be able to login.

```
{
        "_id":"7b7997a2-c0d2-4f8c-b27a-6a1d4b5b6310",
        "sessionId":"b3988882-627f-4c59-8d5d-54b7a43b030e",
        "hashedPassword":"$2a$08$XdvNkfdNIL8Fq7l8xsuIUeSbNOFgK0M0iV5HOskfVn7.PW
        ncShU.O",
        "emailAddress": "bob@gmail.com",
        "displayName": "bob",
}
```

Name	Type	Description
_id	String	unique ID representing user
sessionID	String	unique ID representing the user's session
hashedPassword	String	a hash of the user's password
emailAddress	String	the user's email address used for login
displayName	String	the user's display name on reviews

Bar

The bar collection represents a bar.

```
{
        "_id":"aosidjasdj18923u982j30123j",
        "name":"Green Rock",
         "address":"70 Hudson St, Hoboken, NJ 07030, USA",
        "longitude": 40.736232,
        "latitude": -74.0326907,
        "yelpURL": "https://www.yelp.com/biz/green-rock-tap-and-grill-hoboken",
        "openingHours": [11,11,11,11,11,11,11],
        "closingHours": [2,2,2,2,2,2,2],
        "description": "An Irish bar with great vibes"
}
```

Name	Type	Description
_id	String	unique ID representing happyHour
name	String	the name of the bar
address	String	the address of the bar
longitude	Float	longitude of the bar
latitude	Float	latitude of the bar
yelpURL	String	url to the yelp of the bar
openingHours	[Float]	array of opening hours, starting with sunday, i.e. [9,9,9,9,9,12,12.5] would indicate the bar opens at 9 from Monday to Friday, 12 on Saturday, and 12:30 on Sunday
closingHours	[Float]	array of closing hours
description	String	description of the bar

Bar Special
Describes any special or happy hour that a bar is having.
```
{
        "_id":"asldij9813208u12039ajkndas",
        "name":"Dollar Beers",
         "startEndTime":[11,2],
        "description": "Domestic beers are $1 each",
        "bar": {
                $id: "aosidjasdj18923u982j30123j"
        },
        "daysOfWeek": [F],
}
```

Name	Type	Description
_id	String	unique ID representing bar special
name	String	the name of the special
startEndTimes	[Float]	[20,23] would mean the special starts at 8pm and ends at 11pm

description	String	description of the bar special
bar	Reference	reference to the bar
daysOfWeek	[String]	the days of the week that the special takes place

Review

A review of a bar special.

```
{
        "_id":"08ur0u1h3onjasokd09132",
        "barSpecial": {
                $id: "asldij9813208u12039ajkndas"
        },
        "score": 8.5,
        "explanation": "Great, but can get crowded",
}
```

Name	Type	Description
_id	String	unique ID representing the review
barSpecial	Reference	reference to the bar special the review is about
score	Float	review score for the bar special from 0 to 10
explanation	String	explanation of the review score