
Our database has two collections.

1. deals_db (This collection stores the cached results of queries to the Groupon API)

```
{
  // id is the automatically generated id by mongo.
  "_id" : 571e4f1b84f5f91904879a6d,

  // searchTerm is a string for the city's name. We use this as a query parameter.
  "searchTerm" : "boston",

  // cachedResults is the JSON object that we get from Groupon API for that city.
  "cachedResults": {
    // deals is an array of JSON objects for all the deals we get from Groupon
    "deals": [
      {
        "id" : "moonshine-152" ,
        "uuid" : "570d142c-5c6b-456e-9277-4fd1b46df1c5" ,
        "dealUrl" : "http://tracking.groupon.com/r?
tsToken=US_AFF_0_201236_212556_0&url=https%3A%2F%2Fwww.groupon.com
%2Fdeals%2Fmoonshine-152%3Fz%3Dskip%26utm_medium%3Dafl
%26utm_campaign%3D201236%26mediald%3D212556%26utm_source%3DGPN" ,
        "title" : "$55 for Dining Experience for Two at Moonshine 152 (Up to
$92 Value) " ,
        "largeImageUrl" : "https://img.grouponcdn.com/deal/
2bwSXZ3RrdokquabRQGz/yN-700x420/v1/t440x300.jpg" ,
        "mediumImageUrl" : "https://img.grouponcdn.com/deal/
2bwSXZ3RrdokquabRQGz/yN-700x420/v1/t100x100.jpg" ,
        "smallImageUrl" : "https://img.grouponcdn.com/deal/
2bwSXZ3RrdokquabRQGz/yN-700x420/v1/t50x50.jpg" ,
        "status" : "open" ,
        "type" : "groupon" ,
        "accessType" : "extended" ,
        "endAt" : "2040-06-01T03:59:59Z" ,
        "startAt" : "2016-01-26T05:00:00Z" ,
        "tippedAt" : "2016-01-25T05:00:00Z" ,
        "division" : { "id" : "boston" , "name" : "Boston" , "timezone" :
"Eastern Daylight Time" , "timezoneOffsetInSeconds" : -14400 , "timezoneIdentifier" :
"America/New_York" , "lat" : 42.3589 , "lng" : -71.0578} ,
        "tags" : [ { "name" : "New American Cuisine"}] ,
        "options" : [
          {
            "price" : { "amount" : 5500 , "currencyCode" : "USD" ,
"formattedAmount" : "$55.00"} ,
            "title" : "Dining Experience for Two: Choice of One Appetizer,
One Local Mixed Green Salad, Two Entrees, and One Dessert"
```

```
    }  
  }  
}
```

2. groups_db (This collection has information about which users joined which groups)

```
{  
  // id is the automatically generated id by mongo.  
  "_id" : 571a66007c2b14b301866e89,  
  
  // dealid is the uuid of a specific deal from deals_db  
  "dealid" : "570d142c-5c6b-456e-9277-4fd1b46df1c5" ,  
  
  // members is an array of users who have joined the group with this dealid  
  "members" : [  
    {  
      "uid" : "862112517268981" ,  
      "name" : "John Doe"  
    }  
  ]  
}
```