



# The Comp

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# Our Name

We chose our name to represent both the competition side of athletics and the comparison aspect of our site. We wanted a simple, but descriptive name for our site that would be relatively easy to remember.

# The Site

- Sign Up and Log In Feature
  - Allows user to create an account that they can leave reviews from
  - Would like to allow user to mark items to save to look at later
- Home Page
  - Divisions of “Running,” “Lifting,” and “Yoga”
  - These divisions will sort products according to tags that indicate what their most popular use is
- Division of Products
  - On each page (Running, Lifting, and Yoga), there will be different product boxes that show the brand and average reviews
  - The products can be filtered by item (shirts, shorts, pants, leggings, and sports bras)
  - Each product can be clicked on to see more information about it and to link to buy it

# Some Features

- Sponsorships between brands and certain races or athletic events
- Customizable user accounts

# Our Database

- Currently working on a database with MongoDB
- Including tables for each different brand that we would like to feature on our site (Nike, Lululemon, Under Armor, Reebok, and Athleta)
- Categories of Products from each brand: Shorts, Leggings, Pants, Tops, Sports Bras
- For each item added to the tables: Category, Product name, style number, product description, price, average # of stars, number of reviews

# Finding databases for MongoDB

Last login: Thu Sep 27 16:22:51 on ttys003

Annies-MacBook-Pro:~ annieraafferty\$ mongo

MongoDB shell version v4.0.2

connecting to: mongodb://127.0.0.1:27017

MongoDB server version: 4.0.2

Server has startup warnings:

2018-09-25T20:36:46.181-0400 I CONTROL [initandlisten]

2018-09-25T20:36:46.181-0400 I CONTROL [initandlisten] \*\* WARNING: Access control is not enabled for the database.

2018-09-25T20:36:46.181-0400 I CONTROL [initandlisten] \*\* Read and write access to data and configuration is unrestricted.

2018-09-25T20:36:46.181-0400 I CONTROL [initandlisten]

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Enable MongoDB's free cloud-based monitoring service, which will then receive and display metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you and anyone you share the URL with. MongoDB may use this information to make product improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: `db.enableFreeMonitoring()`

To permanently disable this reminder, run the following command: `db.disableFreeMonitoring()`

---

> show dbs

TheComp 0.000GB

admin 0.000GB

config 0.000GB

local 0.000GB

test1 0.000GB

> █

# What's Inside?

```
> use TheComp
switched to db TheComp
> show collections
Athleta
Lululemon
Nike
> █
```

# Inserting a Product

```
> db.Athleta.insert({category: "Pants", productName: "Aspire Ankle Pant", styleNumber: "983350", productDescription: "The Featherweight Stretch pant that goes from studio to street thanks to a sporty chic tapered leg that scrunches up for more breathing room.", price: 79, averageRating: 4.7, numReviews: 1045})
WriteResult({ "nInserted" : 1 })
```



# Viewing a Collection

```
> db.Nike.find()
{ "_id" : ObjectId("5babfad2794c7f29877942d7"), "category" : "Shorts", "productName" : "Nike Pro", "styleNumber" : "889577-013", "productDescription" : "The Nike Pro Women's 3 inch Training Shorts are made with sweat-wicking fabric to help keep you dry and comfortable during your workout. A body-skimming profile allows for easy layering.", "price" : 28, "averageRating" : 5, "numReviews" : 1 }
{ "_id" : ObjectId("5babfbbe794c7f29877942d8"), "category" : "Shorts", "productName" : "Nike Tempo", "styleNumber" : "847761-018", "productDescription" : "The Nike Tempo Women's 3 inch Running Shorts are an iconic silhouette and all-time favorite. Inspired by classic track shorts, but ideal for your daily run or marathon, this essential is made with lightweight, sweat-wicking fabric.", "price" : 30, "averageRating" : 4.5, "numReviews" : 11 }
```

# Searching with Specifications

```
> db.Athleta.find({averageRating: 4.7})  
{ "_id" : ObjectId("5bacf40b794c7f298779430e"), "category" : "Shorts", "productName" : "Run Free Short", "styleNumber" : "351661", "productDescription" : "FOR: Long distance, short distance, and trail running. FEEL: Silky light Fleet fabric feels smooth on the skin, PowerPace fabric at the waist is smooth, soft, and slightly compressive. FAVE: Our no-slip waistband stays put during your run--no tugging means you can focus on performance.", "price" : 59, "averageRating" : 4.7, "numReviews" : 120 }  
{ "_id" : ObjectId("5bacf493794c7f298779430f"), "category" : "Shorts", "productName" : "Racer Run Short", "styleNumber" : "210534", "productDescription" : "Ideal for the runner who likes a longer short, this pair is made of ultra-soft, recycled fabric. Wide leg openings offer extra mobility and an inside pocket stores essentials.", "price" : 39, "averageRating" : 4.7, "numRatings" : 218 }
```

# Looking Forward

- Need to work on basic framework on site
- Integration of database with our site