MongoDB Fandango Project Questions

1. Describe in a few sentences how you approached the modeling.

I directly embedded all information into one collection of documents. Showtimes were embedded into movies, and movies were embedded into theaters. I separately coded the movies to keep things clear, but I did not add them to their own collection, so they are technically directly embedded into the theater documents.

1. What design guideline did you use?

I used the guidelines for modeling one-to-few, so I embedded everything instead of creating separate documents.

1. Why did you pick this particular guideline?

There were not many entries, and William Zola’s first rule of thumb is to favor embedding unless there is a compelling reason not to. I considered creating a separate movie collection, especially since one requirement of the project was to repeat a movie. However, it was ultimately just easier to directly embed again.

1. What changes (if any) would you need to make if you had to create every theater and movie on the document?

I would definitely create separate collections to hold the theaters vs the movies. This would just make it easier to repeat movies in different movie theaters. I would reference the movies in the theater documents, but I would not reference theaters in the movie documents (I suppose this would technically depend on what functions would be needed). I would still directly embed showtimes and their amenities.