

Team Name: NullPointerException

Members: Sichen Wang, Yibin Zhang (Jason)

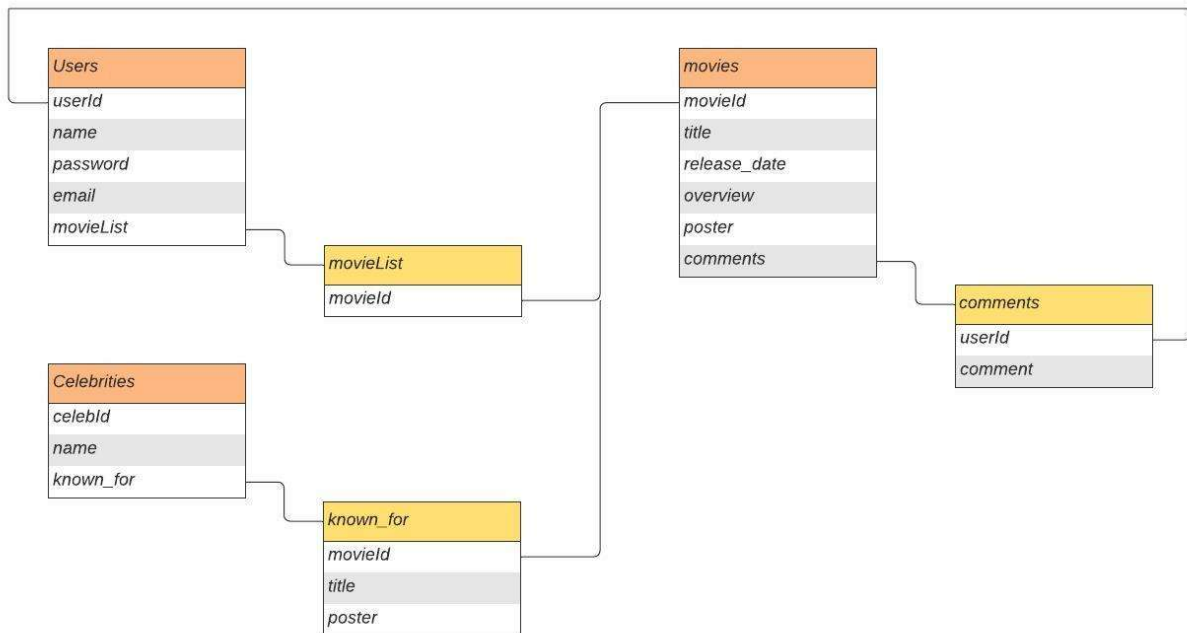
Primary Contact: Yibin Zhang

Database: MongoDB Atlas

APIs: SightEngine, The Movie Database (TMDb)

Database Collections:

*the design is subject to change during the implementation



1. Users:

This collection will be used to store user information and their personal movie list. The **movieList** is a list of **movieIds** which we can use to retrieve the detailed data from the **movies** collection.

2. Celebrities:

This collection will be used to store the celebrity information that we get from the SightEngine API calls as well as the simplified movie data from the TMDb API calls. Once the user has

entered a valid image url the front end will display 3 options with the possibility of matching. Once the user clicked on one of the three options, the front end will then display simplified movie information stored in the known_for list as a list of cards. Then the user will be able to see the detailed movie information once they clicked on the card.

3. Movies:

This collection will be used to store the detailed movie information that we get from the TMDb API. The comments list contains the userId and the actual comment from that user. The userId can be used to retrieve the user information such as the user name and avatar. The front end will use this collection to display the detailed movie information page.