

Team Name: Hackstreet Boys

Team Members: Mohammed Jamil, Kevin Lin, Tianrun Liu, Sajed Nahian

Project Name: MyNextMovie.com

Front End Framework: Bootstrap

APIs To Be Used: OMDB, TasteDive

### **Component List**

Authenticator: Logs users in

Add Favorite Category: Method for users to input what category of movies they like

Movie Finder: Finds movies based on the user input

Friends: Add/Remove friends to see what they like/get suggestions from them

Comments: Leave comments on movie pages

Ratings: Users can vote a movie up/down

Discover: Find movies based on user votes or time released or box office for each genre

Review: User can leave review about the movie on the movie page

Movie Page: Displays the movie picture, title, comments, reviews and rating

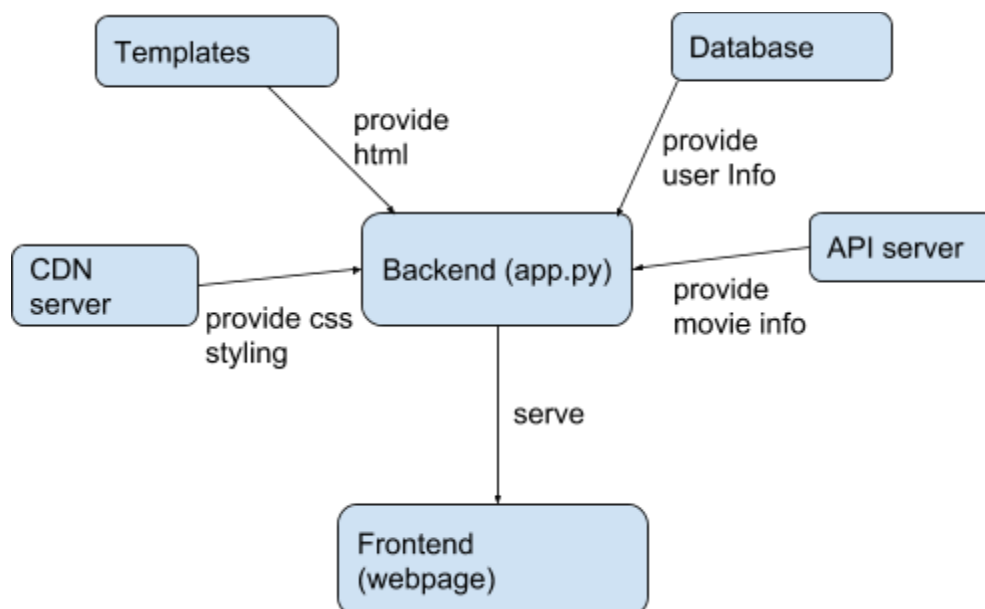
### **Interactions**

User Profile and Movie Finder: Work together to generate suggestions based on the profile it is used on

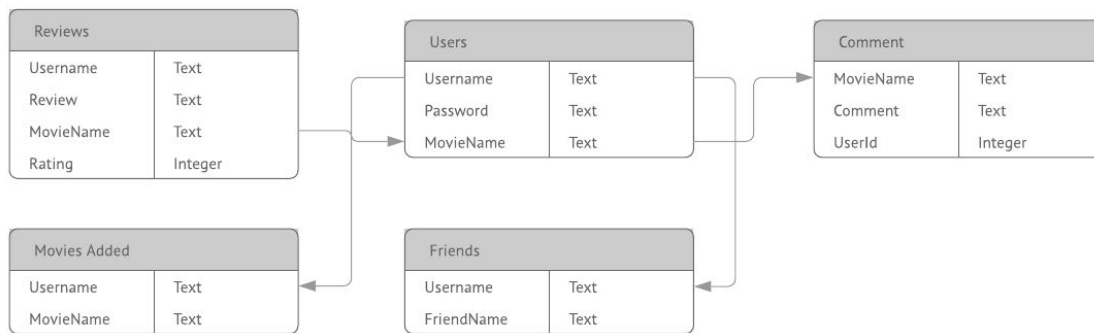
Review, Ratings, and Movie Page: The movie page will display its overall rating, along with reviews for the movie

Discover, Ratings, and Movie Page: Discover will show the top rated movies

Comments, Movie Page: Ability to leave comments on a movie's page



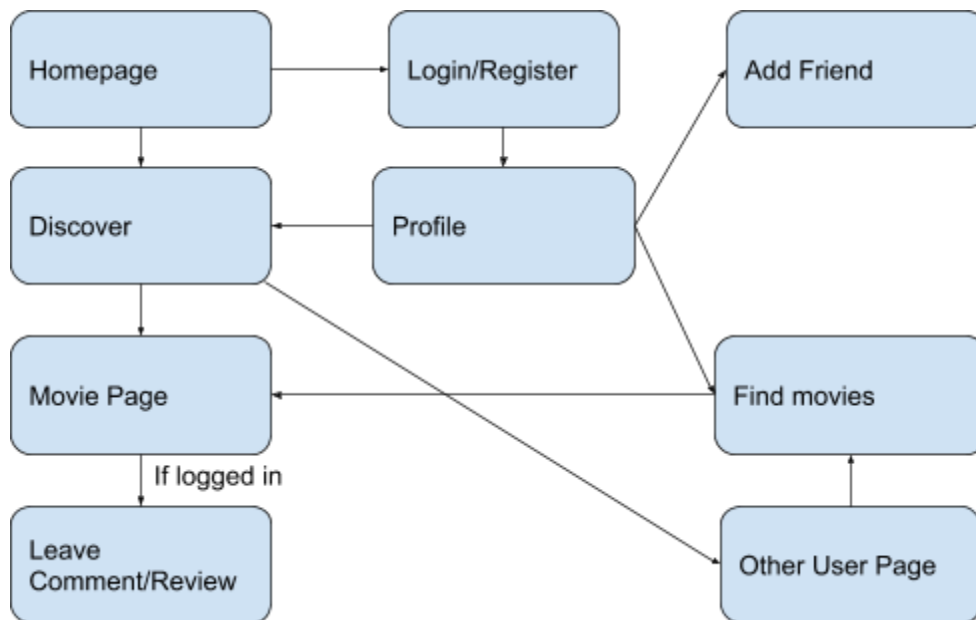
## Database Schema



If you want to edit:

<https://www.lucidchart.com/invitations/accept/bf285908-3f99-433a-81a9-81491600d8b1>

## Sitemap



## **Tasks**

### ***Database: Kevin Lin***

Write the authentication system

Database management

### ***API: Sajed Nahian***

Discover new movies page

Movie pages

### ***Miscellaneous tasks: Mohammed Jamil + Sajed Nahian***

Profile pages

Ability to rate movies

Ability to leave movie reviews

Friend system

### ***Templates: Tianrun Liu***

Bootstrap CSS

Website templates

We will work together on tasks whose components interact with each other.