COMP3900/9900
2023 Term 1

Project 1

Movie Finder System

People are often looking for movies to watch. This is where **Movie Finder System** comes into play.

The developed system must, at least, do the following:

- Movie finders must be able to search for movies they are interested in by keywords that match the movie name, description, or genre, with listed results showing matching movie names, and their latest average rating.

- Movie finders must be able to view the full details of any movie they come across, including the movie name, description, genre, cast, director, latest average rating, and all associated reviews. The full details page for a given movie must also show recommendations for other movies that are "**similar**", where such recommendations must be based on at least review history, and a selection of multiple attributes that a user can select (e.g., genre and/or director).

- Movie finders must be able to add any movie they come across on the system to a **wish** list of movies they would like to watch and must also be able to remove movies from this **wish** list.

- Movie finders must also be able to leave a review for any given movie they browse to, where such a review includes text as well as a rating from 0 to 5.

- Movie finders must also be able to view the **wish** list of any other movie finder that has left a review for a given movie.

- The system must also allow movie finders to browse movies by director or genre, with movies sorted from most popular to least popular based on the movie average rating, and movies with an equal rating being sorted alphabetically (movies with no rating would be treated as having an average rating of 0).

- The system must also allow movie finders to add any **review writer(s)** they wish to their **banned** list, meaning that the reviews written by the banned review writer(s) will not be seen or influence the average rating for the **Movie Finder** who banned the review writer(s).

You need to come up with, at least, **eight (8) functionalities** including, at least, **two novel functionalities** with respect to existing related movie finder systems.

Useful Links

1. https://www.rottentomatoes.com/
2. https://letterboxd.com/