For additional functionality I have implemented the ability for users to use fuzzy word search for movie titles. I have implemented this using the fuzzy-wuzzy python library to provide string matching and sorting. Fuzzy-wuzzy implements this fuzzy string matching but utilising a string metric called the **Levenshtein distance,** which in layman's terms, represents the minimum number of single character edits are needed to change one word to another. Fuzzy string matching allows for the end users to have far superior search of the CS235Flix applications movie catalogue. It is superior as without the use of fuzzy string matching, the user is left to their own devices to remember the title and release year of a given movie which in today's day and age is unacceptable for the user. This will help increase the end-users satisfaction with using the system to find a movie.

Another additional functionality that I have added to this application is the ability for registered and authenticated users to add movies to their private watchlist, a watchlist is a container class for movie objects, allowing users to add movies to their watchlist to find again quickly later in-between sessions. This allows for users to tailor their experience with the system to them because, if they want to remember a movie for later, save a classic or a favourite they now can making this system feel more like the user's personal web movie catalogue.

As you can see in my GitHub repository I am also working on adding user groups and a profile page for each user. This will allow users to interact with one another including but not limited to watching movies together, sharing movies, watchlists and a chat.

In all honesty, I wish we had not received an extension, I have been working on this project for months now and was making very good pace and progress towards finishing this on the original due date but with the two push-backs to the due date I found myself less motivated to do it as all my hard-work before the extensions was now no longer justified.