COMP9900

Information Technology Project

2020 Term 3

Project Proposal

**Project 6**: FilmFinder

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**Team Name**: [**COMP9900-H18A-ChongChongChong**](https://webcms3.cse.unsw.edu.au/COMP9900/20T3/groups/22976)

**Team members**

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**Background**

In recent years, the film industry has been booming, and advances in film shooting and production technology have allowed the production of films to increase greatly compared to before. Movie lovers may encounter great difficulties when searching for movies. At this time, they yearned for a movie website. This website organizes movie information for them. Including the movie's name, director, genre and other information. More importantly, many movie lovers can publish film reviews and score of movies on the website. This is very attractive to movie lovers who are eager to find movies to watch. First, they save the time of non-stop searching on Google, and secondly, they can get a better user experience, and they can even check the movie reviews before watching the movie to guide whether the movie is worth watching.

We have visited some websites which are trying to achieve this objective. However, the efficiency of these websites is not high enough. First, most movie websites have too many functions. They not only have movie retrieval functions, but also come with a module for buying movie tickets. This is unnecessary for someone who just wants to retrieve and watch movie reviews and scores.

Secondly, the UI of many movie websites is too fancy, not concise, and clear enough, which may cause great difficulties for users when using it. Some misoperations are prone to occur and it is difficult to satisfy users.

Then, many movie websites only support keyword search. If a movie lover is a big fan of George Lucas, he may want to watch all the movies made by George Lucas and their scores, and the scores are sorted from largest to smallest. This is not possible on many websites. Users can only retrieve the movies made by George Lucas but cannot know at a glance which movie is most sought after by fans. Therefore, we will implement this function in the website.

Finally, we found that many movie websites do not have a recommendation function. This makes it difficult for movie lovers to find movies that are highly similar to their favourite movies. Therefore, we will improve this function in the FilmFinder project.

**Objectives**