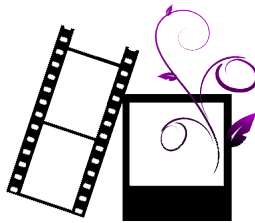


COURSERA
THE HONG KONG UNIVERSITY OF SCIENCE AND
TECHNOLOGY

FULL STACK WEB DEVELOPMENT
SPECIALIZATION

CAPSTONE PROJECT



MyMovies

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1 Introduction

MyMovies is a social network for cinema fans. It keeps track of movies you've watched, want to watch and don't want to watch. By leveraging the IMDB database it allows you to add custom pieces of information, such as, rating and comments. Also, the social network aspect brings you the possibility of discovering new movies you want to watch and new points of view on movies you've watched at the same time that it allows you to share good moments with people you love.

As a bonus, by keeping track of people's movie watching habits MyMovies is able to help the cinema industry on targeting their customer more precisely.

2 Expected List of Features

Inside the scope of this project we plan on achieving the following features:

- The user will be able to create an account and login to the system with or without Facebook. The user will also be able to link or unlink their MyMovies account to their Facebook account;
- The user will be able to invite other users to be their friends on My-Movie. The invited user will be able to accept or decline the invite;
- The user will be able to invite their Facebook friends to join MyMovies.
- The user will be able to follow other users. Users added as friends are followed by default. The user will also be able unfollow friend without unfriending them;
- The user will be able to mark a movie as watching, watched, want to watch or don't want to watch;
- For movies previously marked as watched, the user will be able to favorite and to add rating and comments;
- The user will be able to *fan* names, such as actors, actresses, directors and producers;
- Movies marked as watching are automatically marked as watched after the movie duration (known from imdb api);
- When marking a movie as watching or watched the user will be able to mark a friend as "watching with";

- The user will be able to add a date (day, month or year) for movies watched in the past. Date is not mandatory;
- The user will be able to mark a movie as watched more than once;
- The user will be able to access a timeline page where they can see the activities of whom they follow. The timeline will show activities such as watching and watched movies, and comments;
- The user will be able to like or comment on friend's activities,
- The user will be able to mark their comment (or part of it) as spoiler,
- Comments marked as spoiler will appear with a warning message on a user timeline if they haven't watched that movie,
- The user will be able to create and join groups (private and public), such as "Movie Club at Work" or "Stanley Kubrick Fans",
- The user will be able to recommend a movie to a friend.

With the aforementioned list of features, we expect to help people not just on keeping track of the watched movies but also on their own impressions about it. Also, by including the social network features, we expect to deepen the experience of the user with each movie they watch.

2.1 Future Features

For future releases of MyMovies, not in the scope of this capstone project, We expect to add the following features:

- The user will be able to mark a location to where they watched a movie;
- The user will receive movie recommendation based on:
 - Previous watched movies;
 - Movies they want to watch;
 - Friend's activities; and
 - Likes
- The user will receive recommendations of movie theaters nearby for movies they want to watch;

- The user will be able to register movie streaming services they subscribe to and search on them for movies they want to watch
- The user will be able to search on movie streaming services for movies they want to watch and compare prices when applicable.

3 Market Survey

3.1 Good Shows[1]

It offer similar features to MyMovies. However, it's more focused in tv shows rather than movies. Also, it offers only mobile applications and no web interface.

3.2 Rinema[3]

Very similar to our proposal, however, as of today, we were not able to sign up for an account as the website seems to be broken.

3.3 I Check Movies[2]

Different of MyMovies, I Check Movies offer subscription plans. By paying a different amount, the user is able to have more or less access to some feature.

3.4 Seen That[4]

Different of MyMovies, it doesn't offer a timeline feature. Also, most features are still under construction.

References

- [1] Good shows app. <https://home.goodshowsapp.com/>. Accessed: 2017-04-02.
- [2] I check movies. <https://www.ichckmovies.com/>. Accessed: 2017-04-02.
- [3] Rinema. <http://www.rinema.com/features>. Accessed: 2017-04-02.
- [4] Seen that. <http://seenthathat.com/>. Accessed: 2017-04-02.