

Software Requirement Specification for Cinefy

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1 Introduction

1.1 Aim of the document

The aim of this document is to present a description of "Cinefy". It will present the purpose and features of the system and what the system will do.

1.2 Overview of the defined system

"Cinefy" is an application that allows user to create a cinema community. It provides the possibility to talk with cinema experts, look and rate at their playlists of movies and rate also the answers of this experts. These ratings are very important for these experts, as based on the rating obtained in the answers and in the playlists. They will receive tokens which are used to reward their work (they can be paid in cash). This system also allows user to search films and watch their IMDB page.

1.3 Operational settings

This system should run on any Operating System and browser that supports the Java Environment (version 8 or higher).

1.4 Related systems

Similar services are provided by "Letterboxd" application on smartphone and "IMDB" website and application.

- Letterboxd: The advantage of our system is that it allows to user to rate the playlists and to contact the playlists

creators. However, it doesn't allow for example to comment that playlists and to create a watchlist of films.

- IMDB: Our system provides the possibility to search a movie and to add it to a playlist. But it doesn't allow the possibility to watch, rent or buy movies.

2 User Stories

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- As a beginner user, I want to ask for advices, so I can be addressed to what is most suitable for my tastes.
- As an advanced user, I want to create playlists of films, so I can have the possibility to be rewarded.
- As a user, I want a classification of films by genre, so I can find what I'm interested in.

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- As a beginner user, I want to give feedback to advanced users' work, so I can help other beginner users.
- As an advanced user, I want to answer to beginners, so I can help them in their movie choices.
- As a user, I want to have access to advanced users' playlists, so I can learn more about cinema.

Extra

- As a director, I want to answer to beginners, so I can help them about shootings for the films.
- As a novice movie-maker, I want to ask for advices to a film editor, so I can learn more about movie-making.
- As a beginner user, I want a classification of advanced users by their specialization, so I can find which is most suitable for me.

3 Functional Requirements

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- The system shall provide the following search filters:
 - Directors;
 - Nationality;
 - Actor;
 - Release date;
 - Genre.
- The system shall assign tokens according to the average of playlists' ratings using the following scheme:
 - range [1,5) 1 token;
 - range [5,7) 2 token;
 - range [7,10) 3 token;
 - 10 5 token;
- The system shall assign the same number of tokens as the beginner user's rating for every advanced user's answer.

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- The system shall provide to advanced users the possibility to choose one of the following categories at sign in:
 - Director;
 - Productor;
 - Actor;
 - Screenwriter;
 - Film Editor.
- The system shall provide to beginner users the possibility to filter advanced users by their categories.
- The system shall provide the possibility to rate advanced user's work using natural numbers from 1 to 5.

Extra

- The system shall calculate an average of playlists' ratings using float numbers.
- The system shall create a user profile.

- The system shall provide the possibility to rate the playlists using natural numbers from 1 to 10.

Dictionary:

- token: It is an object which is a natural number. It rewards the advanced user's work.

4 Use Cases

