

Product Backlog (Requirements Document)

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January 2016

1 Problem Statement

Many people love movies and TV shows but they don't always agree with critic reviews. A lot of times, a personal friend or family member's opinion can affect whether or not someone will watch a certain movie or TV show but getting that opinion can be a bit of a hassle so naturally, shows go unwatched. Our project will be a form of social media and a movie/TV show review database but will be different from what is available today because it will be a combination of both so users can get their very own suggested top 10, top 100, etc. from the "friends" that they decide to have on this social media in order to get a more personal list of what to watch.

2 Background Information

Our target audience is 18+, or anyone that can give a decent review of a movie. There are several websites and applications that do similar things to what our application will do. The limitations of Imdb and RottenTomatoes is that it is a one-sided view of the movie. RottenTomatoes is a critic's view of a given movie, and Imdb is a user-based rating system. We plan to combine the two different rating systems and include our own to make an ultimate rating and movie information website. We plan to make the rating and review process more personal and interesting to the user.

3 Requirements

Functional Requirements

1. As a user, I would like to be able to create an account.
2. As a user, I would like to be able to log in and out of my account.
3. As a user, I would like to be able to change my profile picture.

4. As a user, I would like to be able to view top ten lists of movies.
5. As a user, I would like to be able to view top ten lists of actors.
6. As a user, I want to see which movies are most popular for the current week.
7. As a user, I would like to be able to change my account information.
8. As a user, I would like to be able to add others' accounts as friends.
9. As a user, I would like to be able to view my list of friends.
10. As a user, I would like to be able to view my profile page, and friends' profile pages.
11. As a user, I would like to be able to post movie reviews and my rating of that movie.
12. As a user, I would like to be able to make a list of movies that I can post.
13. As a user, I would like to be able to comment on others' movie reviews and rating.
14. As a user, I would like to be able to 'like' a post made by a user.
15. As a user, I would like to be able to view highest rated movies among critics.
16. As a user, I would like to be able to view lowest rated movies among critics.
17. As a user, I would like to be able to view lowest rated movies among friends, and other website users.
18. As a user, I would like to be able to search for a movie and view information about that movie, such as genre, actors, director, writers, producers, links to trailers, award nominations, and awards.
19. As a user, I would like to be able to see what movies are popular of all time.
20. As a user, I would like to be able to see what movies are popular currently.
21. As a user, I would like to be able to view movie awards.
22. As a users, I would like to be able to view highest rated movies among friends, and other website users.
23. As an independent film producer, I want my new projects to be featured on the website.

Non-Functional Requirements

1. Use IMDB's API.
2. Application needs to use PostgreSQL
3. Program in Python, Javascript, and Bootstrap
4. Server needs to support multiple concurrent users
5. Use RottenTomatoes API
6. Create average movie rating from weighted average between rating systems