

The Current System

There is no current system in place that will remind users of upcoming movie releases.

The Proposed System

Needs

The proposed system is a website that will allow users to easily access a movie database to obtain information such as, movie release dates, movie reviews, and dvd release dates. The proposed website will also allow users to opt into being reminded for upcoming releases to the users' selected movies. The system will also need to provide some way for users to rate movies that they have already watched. This will allow users to easily recall movies to recommend to their friends.

Users and Modes of Operation

Registered User: Will be able to bookmark movies for later viewing. Will be able to rate movies. Will be able to subscribe for reminders for upcoming movies, user chosen.

Guest User: Will be able to browse movies and view ratings. May or may not be able to subscribe for reminders about upcoming movies.

Operational Scenarios

A guest user will be able to view movie content, such as movie ratings, cast, plot, etc, as well as sign up to become a registered user.

A registered user will be able to log into the website and view content that they have added to their library as well as view recommendations based on the contents of their library. The library will serve as a bookmark feature for the user.

One high risk scenario would be losing a member from the site.

Operational Features

Core Features:

- Registered users can sign up for reminders for specific users
- Login/Signup
- Add movies to library
- Mark movies as already seen

Possible Features:

- Tag movies in library
- Add friends to view their libraries and already seen movies

Expected Impacts

The proposed system will allow users to easily determine what movies they have already seen, as well as view rating for movies that they wish to see. This system will allow users to quickly determine what movies they want to see as well as provide movie recommendations based on the user's library content.

Analysis

Expected Improvements:

- Tag movies in library
- Add friends to view their libraries and already seen movies

Disadvantages:

- Guest users have no beneficial features

Limitations:

- Users are required to have a stable internet connection
- Users are required to have the latest browsers

Risks:

- Website will know movie watching preferences of the user

Alternatives and Trade-offs:

- Guest users can use Google to search instead of this system
- Users, alternatively, can use Rotten Tomatoes for ratings