

MEDIA LIBRARY AND MANAGEMENT

- WEDNESDAY LAB GROUP 9 (BATCH 2)

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INTRODUCTION

This project, named Media Library and Management, is aimed at the creation of an interface for management of data and to provide a Common reference site for movie buffs and novices alike and to provide them with a dependable user based rating for a particular movie/TV shows.

We hope to create a trustworthy database and Media review system for the common use amongst people and also provide them with a way to get all the latest news ranging from the release dates of the upcoming movies to all the developments in their favourite celebrity's every day. Time permitting, we also intend to incorporate a Quiz for people to take and test their knowledge about their favourite Movies/stars et al.

PLAN OF ACTION

We shall create a file in order to store all the information for various popular TV shows/Movies. A single block containing one movie will have the following information-

- ❖ The date of air/release for TV show/movie respectively.
- ❖ Cast and crew.
- ❖ Interesting trivia and facts.
- ❖ Rating
- ❖ Comments and plotline
- ❖ Technical specs

We also intend to divide and categorize the movies on the basis of genre amongst other things. Also we plan on storing the data of the movies in blocks of alphabetical order in order to reduce the execution/run time during the search option invoked by the user making it more efficient than a linear search.

Next, we come to charts.

We hope to include various charts based on various deciding factors such as ratings, critic's reviews etc. A few of the charts include TOP 100 of all time, worst 50 of all time, biggest Box office blockbusters to name a few of the ideas in our minds.

A different set of files will include the information regarding various celebrities and stars. Those files will contain information such as their Birth date, movies worked in and upcoming releases the said person is associated with.

Another exciting feature that we plan to include is that of news and stories by adding a few topics of interest, which the user can access as and when he likes

The said news' source will include newspapers, Internet forums and other such related articles and blogs. The program will also display an appropriate link to an article/news post on the same topic to provide more information to the user.

Time permitting we hope to include a few title bars with pictures of movies randomly every time one executes the programme.

The search feature will allow one to search on the basis of name or the genre/TV show/Movie or both allowing for a faster and a much efficient way to search for a particular object than going through every file in a linear order.

The rating system for a particular movie will be initially based on an average of popular rating sites such as Rotten Tomatoes, IMDb, Metascore. Later, however we provide the user to enter his/her rating and incorporate it into the system rating using a apt. Formulae to take into account all the parameters such as authenticity, general consensus, and critics' reaction.

The fate of a few other features as discussed in our team meets rests on the sole factor of availability of time. These features include hosting of Quizzes, a discussion forum, Chat options for the users.

SYSTEM OVERVIEW/REQUIREMENTS

1. GCC COMPILER.
2. 50MB of Hard Disk Space.
3. 4Mb Virtual Memory.
4. Windows 7 or above/Ubuntu 9.4 or above.

FUNCTIONS TO BE USED

The team is to yet decide on the number and names of the function but the basic outline includes functions to access the data files, separate functions for the following

Search

Going back to home page

Access files

Invoke and display

News

Celeb news

REFERENCES

- ✓ IMDb
- ✓ Rotten Tomatoes
- ✓ MetaScore
- ✓ Flixters
- ✓ Google
- ✓ Wikipedia
- ✓ Various forums on programming
- ✓ Material provided by CS101 faculty

Also, we would like to Thank and acknowledge the contribution of our CLTA Mr. Harshad Chavan.