

Team 2, Slot 11 Group 9

Media library and management

Introduction:

This Project - 'Media library and management' is aimed for creating an interface for management of data and to provide a common platform for movie buffs (like us) and novices alike and to provide an user dependable rating system for a WIDE range of Movies/TV Shows.

The purpose to create this program is to provide a trustworthy and up-to-date database, giving user all latest information. It also has Quiz to take and test their knowledge about favorite star, movie or TV show.

It, in its own way, serves as an offline IMDB.

Data Description

This project is a database-management project.

There are at least 3 data files - Movie, TV show and Celebrities

Other files for charts and news feed will be created as and when required.

Movies file:

It contains movie with its information

- **The date of air/release for TV show/movie respectively**
- **Cast and crew**
- **Interesting trivia and facts**
- **Rating**
- **Comments and plotline**
- **Technical specs**
- **Suggestion of other movies of the same genre**
- **Poster/picture of the said media**
- **Link to the internet for more information**

- It is called when a user accesses or searches for a particular movie(s) by name/genre.

TV show file:

It contains

- The date of air
- Cast and crew
- Interesting trivia and facts
- Rating
- Comments and plotline
- Technical specs
- Suggestion of other movies of the same genre
- Poster/picture of the said media
- Link to the internet for more information
- It is called when the user wants to view or rate the TV shows of his choice, integrated with the celebs file.

Celeb file:

It contains

a.Name

b.Birth date

c. Upcoming releases

d.Trivia

e.Work done

f.It is called when the user searches for the celeb by name .It may also be accessed when the user wants to access it via the TV shows or movies that the celeb is involved with. Other files containing data for the Charts will also be included (time permitting)

Functional Specifications:

CLASS 1

```
class movie    {};
```

THIS CLASS CONTAINS THE DETAILS OF THE MOVIE AS IT'S PUBLIC MEMBERS FOR SIMPLICITY AND ENCAPSULATION OF DATA

CLASS 2

```
class tvshows  {};
```

THIS CLASS CONTAINS THE DETAILS OF THE TVSHOW AS IT'S PUBLIC MEMBERS FOR SIMPLICITY AND ENCAPSULATION OF DATA

CLASS 3

```
class celebs   {};
```

THIS CLASS CONTAINS THE DETAILS OF THE CELEB AS IT'S PUBLIC MEMBERS FOR SIMPLICITY AND ENCAPSULATION OF DATA

FUNCTION 1

void showdetailsofmovies(movie &);

THIS FUNCTION SHOWS INDIVIDUAL
DETAIL OF A MOVIE WHEN CALLED PROPERLY

FUNCTION 2

void showdetailsoftvshow(tvshow &);

THIS FUNCTION SHOWS INDIVIDUAL DETAIL
OF A MOVIE WHEN CALLED PROPERLY

FUNCTION 3

void showdetailsofceleb(celeb &);

THIS FUNCTION SHOWS INDIVIDUAL DETAIL
OF A MOVIE WHEN CALLED PROPERLY

FUNCTION 4

void searchmovie();

THIS SEARCH FUNCTION IS JUST A SMALL VERSION OF THE SEARCH FUNCTION WHICH WE WOULD BE IMPLEMENTING IN OUR STAGE-II PROJECT

FUNCTION 5

void searchtvshows();

THIS SEARCH FUNCTION WOULD SEARCH THE FILE FOR TV SHOWS AS PER DATA PROVIDED

FUNCTION 6

void searchcelebs();

THIS SEARCH FUNCTION WOULD SEARCH THE FILE FOR CELEBS AS PER DATA PROVIDED

FUNCTION 7

void createfilee() ;

CREATE THE DATA FILE IF NOT PRESENT

FUNCTION 8

void cleardata();

DELETES THE DATA FILE IF PRESENT

FUNCTION 9

void addmovie() ;

USER CAN MANUALLY ADD MORE MOVIES
TO HIS/HER DATABASE

FUNCTION 10

void addtvshow() ;

USER CAN MANUALLY ADD MORE TVSHOW
TO HIS/HER DATABASE

FUNCTION 11

void addceleb() ;

USER CAN MANUALLY ADD MORE CELEB TO HIS/HER DATABASE

FUNCTION 12

void showlistofmovies();

SIMPLE PROGRAM TO SHOW CURRENT LIST OF MOVIES IN THE DATA FILE(NOT COMPLETE)

FUNCTION 13

void showlistoftvshows();

THIS FUNCTION WOULD SERVE THE PURPOSE OF SEARCHING TV SHOWS

FUNCTION 14

void showlistofcelebs();

THIS FUNCTION WOULD SERVE THE
PURPOSE OF SEARCHING CELEBS DETAILS

FUNCTION 15

void getpic(); THIS FUNCTION WILL
ACQUIRE THE ASSOCIATED PIC/POSTER OF THE
MATERIAL

int main(){}