SCOPE

The project “Movie Chronicle Database” (MCDB) consist of a convincing replica of one of the most popular movie database site called “IMDB” (Internet Movie Database). MCDB should provide users the facility to search through a central database of movies (T.V shows included) and find information related to a specific movie (or T.V show). This specific information shall provide users a complete synopsis of the movie including the official trailers and the ability to rate and comment on the movie.

The MCDB Web App shall have a versatile list of ways to interact with the database in order to fulfil the never ending users’ requirements. Such ways include searches of movies based on their names, genres, name of directors, actors, rating etc... This project includes the storage of users’ details for the sake of feedback and comments. Any person who uses this site is a guest but guests who have an account are users which is a specialized form of guest having an email and id along with the ability to rate (which a guest doesn’t).

The Web App is supposed be responsive, interactive, clean and visually minimal to provide a simple yet appealing interface to the users. It should be fast enough to deal with the unpredictable and variable load of the users.

The name of the website is “Movie Chronicle Database” (MCDB).

Technologies to be used are:

* HTML (Frontend)
* Pure CSS (Frontend)
* Pure Javascript (Frontend)
* PHP (Backend)
* MySQL (Backend)

Data is to be gathered from TMDB api.

The target delivery time for this Web App is around one month.

FUNCTIONALITY

**HOME PAGE**

The homepage of ‘MovieDB’, the WebApp, includes information about the latest and greatest movies so that the guests can be entertained with the latest information upon entry to the WebApp.

The information includes:

* Movies currently in theatre
* TV shows currently playing on TV
* Most Popular Movies this month (based on popularity)
* Top Movies of all time (based on rating)
* Most Popular TV shows this month (based on popularity)
* Top Rated TV shows (based on rating)

**TOP/POPULAR MOVIES/TV SHOWS**

This is a dynamic page which shows a list of top or popular TV shows or top or popular movies. It includes paging system and provides a quick intro to each movie or TV show.

**GENREFY**

This page allows the guests to filter movies or TV shows based on genre. This page also includes the paging feature and is completely dynamic. It gives the user a list of movies genre-wise and provides a set of basic information for each movie.

**MOVIE DETAIL**

This is the page where the complete information regarding a specific movie or TV show is displayed. Guests will be provided with the following information on this page:

* Movie Information
  + Movie Name
  + Rating
  + Genres
  + Length
  + Release Date
  + Synopsis
  + Trailers
  + User Rating (If user is logged in)
* Actors Information
* Directors Information
* Producers Information
* Similar Movies or TV shows
* Episodes of TV show (if it is a TV show)
* Comments on the Movie or TV show

**USER ACCOUNT**

This project includes 2 types of users. Anyone who uses the WebApp is a guest and if a guest has a registered account on MovieDB then he is a user (specialized guest). The difference between the 2 is that a guest can only comment on movies but only a user can rate a movie or TV show.

This includes following functionalities:

* **User Login/Logout**

Guest has the ability to register themselves to MovieDB for the purpose of fair rating system. Only a user, when logged in, can rate a movie or TV shows.

* **Rating**
* **Comment**

**COMPLETE RESPONSIVENESS**

The WebApp MovieDB is completely responsive and supportive to any device be it a desktop pc, a tab or a smartphone.

The following images were taken on an iPhone 5S:

**SEARCH**

MovieDB provides guests a complete list of ways for effective searching. Following are the ways by which guests can be entertained on search:

* Search By Movie Name
* Search By Genre
* Search By Actors
* Search By Directors
* Search By Producers
* Search Movies or TV Shows separately