SOFTWARE ENGINEERING PROJECT
ON
MOVIE SUCCESS PREDICTION

Synopsis:-

In the following system, we have developed a mathematical model for determining the success class as per categorization (such as flop, hit, super hit) of a movie.

For doing so we have to develop a methodology in which the historical data of each component such as actor, actress, director, writer, music that influences the success or failure of a movie is given is by its weightage; based on multiple thresholds calculated on the basis of descriptive statistics of dataset of each component it is assigned a class, namely: flop, hit, super hit label. The user will feed in data pertaining to the film, such as his personal preference of actors/directors. He may also enter the movie name directly. The Admin will add new movie data along with film crew details as well as release date of the new movie. Based on the weightage of historical data of each film crew and components the movie will be assigned its class label.

This system helps to predict the future response of the movie by the public on the basis of historical data of actor, actress, music, director, writer, director, marketing budget and release date of the new movie. For instance, if the movie releases over the weekend, it will get higher a weightage, similarly, if the movie releases over the week days it will get a lower weightage.

Hence, keeping the factors such as actor, actress, director, writer, music director and marketing budget historical data of each component is calculated and movie success is predicted. This application thus helps us

find out the review of the new movie. Using this system, a user can easily decide whether to book ticket in advance or not.

Features:-
- **Admin Login: -** Admin can access the system using his Admin ID and Password.
- **New Movie: -** Admin adds new movie data.
- **Film Crew Entry: -** Admin adds film crew details and also enters historical data of each crew.
- **Result: -** User can view whether a movie is super hit, hit or flop.

Advantages:-

- This application helps to find out the review of the new movie.
- User can easily decide whether to book ticket in advance or not.
- A user can predict the success of a movie before its release.
- A user can comfortably decide to book the tickets in advance of not, and enjoy personal preferences regarding his choice of film cast.

Application:-

This application is a good go-to for all the movie lovers.

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