Movie Rating System

1. INTRODUCTION

Online Movie Rating System is Designed for the audience who wish to know verdict of the movie,there rating,review and so on.The user can view movies,register,search,rate and review movies in the system.

1.1 Purpose

SRS is a standard document that describes what the system has proposed.This document contains the software requirements and specification for Movie rating system.The basic reason for difficulty in software requirement specification comes from the fact that there are 3 intrested parties the client,the end user and software developer.

1.2 Project scope

A software requirements specification (SRS) is a document that describes what the software will do and how it will be expected to perform. It also describes the functionality the product needs to fulfill what the user needs.The programmer understand user requirements using this document.This is also big help in time of testing where the programmer can clarifies that all the user requirements are satisfied.

1.3 Overview

This SRS Document contains the following :

- General Description
- Functional Requirements
- Non Functional Requirements
- Interface Requirements
- Performance Requirements
- Design Constraints
- References

2. GENERAL DESCRIPTION

2.1 Existing Sytem

The existing system is manual,user needs to look for different movie magazines,newspapers,blogs or mouth to mouth talks from different people to know the verdict of the movie.But the problem is if a user ask to 10 people ,the 10 people may have 10 opinions,so its very difficult for the user to predict the actual verdict about the movie.This Leads User to spend money on movie that they wont like.

2.2 Proposed System

The propose system is highly automated and allows the user to search for the vast variety of   Movies and allows the users to choose the best Movie that satisfies there expected rating and reviews. The Users can be entered using a username and password. Only Admin can change the data or to add more information data to the database. These data can be retrieved easily. The interface is very user friendly. The data and the admin details are well "Protected" and "Personalized" to makes the data processing very fast.

2.3 User Class and Characteristics

Stake Holders are :

- **Admin** - A super user,admin can add movies,edit movies,review movies.Admin is responsible for any error in the system.
- **Customer**-End user of our service.Users can view information of movies ,rate a movie and can add reviews.

3. FUNCTIONAL REQUIREMENTS

1. **Aministrative Function** – The Admin Must able to Login to the System and control all the administrative functionalities of the system.

2. **User registeration-**The system must allow non registered users to create a secure account.sytem shall ask for username and password.The information shall store in database.

3. **User Authentication-**The System shall allow Registered user to log in to their account.The system must verify there username and password with the information in database.

4. **Add movie details-** its an admin functionality,the admin must able to add various movie details and it must be stored in the database concurrently.

5. **View movie details-**The movie details in database must be available in home page of user and users can visualize the details in an interactive way.

6. **Delete movie -**Admin should have the functionality to Delete the movie.

7. **Rate movie-**The Logged in users must have Functionality to Rate movie in the system.

8. **Calculate Final Movie rating-**According to various rating given from the user,the system must able to calculate final rating of that movie**.**

9. **Add review –** The Logged User should able to add there comments about the movie,where all other users can see.

10. **Delete review-** The user can delete the review at any time they wish.

11. **Add to watchlist-**The user can add a movie they like to watchlist.

12. **Remove from watchlist –** The user can remove the movie from watch list whenever they like.

13. **Search Movie** – The user can search any movie they want,there genere or by actors name.

4. NON FUNCTIONAL REQUIREMENTS

1. **The system will guarantee that customers sensitive data is transmitted securely.**

2. **Reliability** - The average time to failure shall be 30 days. In the event that a server does crash, a backup server will be up and running within the hour.

3. **Availability**- The Movie Rating Sytem shall be available to users 24 hours a day, 7 days a week, with the exception of being down for maintenance no more than one hour a week. If the system crashes, it should be back up within one hour.

4. **Security**- Users will be able to access only their own personal information and not that of other users. Purchases will be handled through a secure server to ensure the protection of user's credit card and personal information.

5. **Maintainability** - Any updates or defect fixes shall be able to be made on server-side co computers only without any patches required by the user

5. INTERFACE REQUIREMENTS

5.1 User Interfaces

The system will provide the ability for people to access the Movie Rating System Via the Internet.

User-allowed to search movies without having to login, however, they must login in order to rate,review,add to watchlist.

5.2 Hardware interfaces

There are no special hardware requirements.

5.3 Software Interfaces

There are no special software requirements.

6. PERFORMANCE REQUIREMENTS

- System login/logout shall take place less than 10 seconds
- Searches shall return result in 10 seconds
- Rating calculation should take place max of 15 seconds
- System shall support 1000 simultaneous users

7. DESIGN CONSTRAINTS

- Able to support pc/mobile platforms
- System logs out after ten minute inactivity period
- System supports in all web browsers

8. REFERENCES

- **https://www.imdb.com/**
- **https://letterboxd.com**