

OOAD Assignment-3
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SOFTWARE ENGINEERING 2ND CLASS
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MOVIE INFORMATION SYSTEM REQUIREMENTS ANALYSIS DOCUMENT (RAD)

1.Introduction

In the online movie system user can watch special movies according to their own perspective. The system offers suggestions based on user's choices and allows people to make a movie list.

1.1 Purpose

Many users find it difficult to watch movies and series in terms of time and cost. With the help of online movie platform it will be less costly and comfortable for users to meet with movies and TV series. The system is being develop to handle these special needs of the users. Online movie system named IMDB makes easier to access the most popular movies of the year, the films that gains Oscar and specific TV shows of other countries.

1.2 Scope

The scope of the system is to provide easy access to worldwide movies, shows, serials and to make it easier to access for the users. The system has users of all ages and different cultures. It includes Indian series, American award seremonies , special shows of other countries. User can also see birth date information of famous people from the movie system. They can find information about these people in case of having difficulties in the system he/she can apply to the help center.

1.3 Objectives

Online movie system both admin and user-oriented. Those who log in as admin are responsible for the renewal and maintenance of the system. They also deal with the problems users encounter and make efforts to fix them. Necessary examinations are made to ensure that the system is safe. When logged in as a user, the system should not have an error and should be working properly. The user's movie list should not be affected while maintenance is being performed.

2. Current system

One of the most favorite movie system shows popular movies and actors. On the other hand shows worldwide channels and TV shows. User can watch Awards and Events at the same time. When watching these movies they can chat with other users and share their emotions. System has a huge information about popular people and actors. So user easily can access it.

3. Proposed system

3.1 Overview

Reading local TV guides, renting CD's and DVDs, watching tapes. Today, this is all a relic of the past. The largest movie libraries in the World are all digitized and transferred to online systems. System analyzes the past preferences of the user concerned, and then it uses this information to try to find similar movies. System shows most popular TV shows, actors, series and movies.

3.2 Functional requirements

- **User** can create new account using “create account “ button with the requirement informations like name, e-mail address and password.
- **User** can sign in with the help of google, apple, amazon account respectively.
- **Registered user** can select different languages of the system like English , Deutsch...
- With the help of menu section **user** can see release calendar, top 250 movies, most popular movies, browse movies by genre, top box office, showtimes, movie news and India movies.
- Tv shows section includes top 250 tv shows and Tv news.
- In the watch section **user** see watch list about their choices also most popular podcasts and latest trailers.
- Awards & Events section includes best of the year and events. On the other hand it shows the movies which gain emmys and oscars.
- **User** can access famous people's special information with the help of celebs section.

- Help center is a tool for the **user** to solve their problem immediately.
- **User** can update their watchlist up to their choices.
- **Admin** sends the respond to the user if they try to find a solution on the help center.

3.3 Nonfunctional requirements

- Admin must send the respond to the user at least 10 seconds. (Performance)
- Create new account account section must be opened in 3 seconds.(Performance)
- Admins should maintance the system every 2 months. (Supportability)
- System should interact with the existing system that used before (Interface)
- Special informations of the users can just be seen by the admin because of the security issues. (Reliability)

3.4 System models

3.4.1 Scenarios

Scenario Name	WatchListSystem
Participating actor instances	alice:Admin bob:User

Flow of events	<p>1. Bob trying to find new movie informations from the movie information system. And he want to create new list about his favorites. Therefore he actives “watchlist” button from his laptop.</p> <p>2. When Bob click “watchlist” button it opens create an account or sign in page. He confirms his input and send it to the admin with the help of “ create an account”function for an acknowledgment in case of having same name, surname and e-mail address.</p> <p>3. After Bob open their account they will active “watchlist” button from the navbar section of the page. Bob looks important description rules about creating a list.</p> <p>4. Bob will fills out the form with the help of “Add/Delete” function by selecting according to the his choices. System also describes the possible events of the add/delete function. Once the form is completed, Bob submits the form.</p> <p>5. When Bob completed his list system creates a notification about new movies and series that compatible with the Bob’s choices.</p>
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3.4.2 Use case model

Scenario Name	Movie Watch List System
Participating Actor Instances	Initiated by user, Communicates with admin
Flow Of Events	<ol style="list-style-type: none">1. User activates the “watchlist” function of his/her terminal.2. System responds by presenting a form to the Bob according to the informations of creating an account.3. User will create an account with “create account” function or sign in the page.3. Then User will fill out the form with “Add/Delete” function according to the mandatory fields.4. System receives it and send it to the advisor.5. According to the information of the user system will send a notification responsive with user’s needs.
Entry Condition	<ul style="list-style-type: none">• User is logges into Movie Information System
Exit Condition	<ul style="list-style-type: none">• The user has received an acknowledgment and the selected response from the Admin.
Quality Requirements	<ul style="list-style-type: none">• User’s list is acknowledged within 30 seconds.• The selected response arrives to the Admin panel no later than 10 seconds after user send it is send by the User.

4. Glossary

Admin: Person who responsible for the maintenance and development of the system.

Registered User: The person who actively uses and benefits from the movie watching platform.

System: A set of principles or procedures according to online movie informations.

WatchList: A list of groups or items about favorite movies and tv shows.

User-oriented: System designed with the user's convenience given priority.