

Movie Review Management System

A mini project report

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Under the guidance of

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BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE & ENGINEERING

With Specialization in Software Engineering



SCHOOL OF COMPUTING

COLLEGE OF ENGINEERING AND TECHNOLOGY

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

KATTANKULATHUR- 603203

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KATTANKULATHUR- 603203

BONAFIDE CERTIFICATE

Certified that this course Project Report titled “Esports Management System” is the bonafide work done by AMIT KUMAR JHA [RA2011033010049], KARAN KESHRI [RA2011033010044] of III year/ VI sem B.Tech (CSE-SWE) who carried out under my supervision for the course 18CSC303J- Database Management Systems for Computer Science And Engineering with specialization in Software Engineering. Certified further, that to the best of my knowledge, the work reported herein does not form part of any other work.

SIGNATURE

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ABSTRACT

Movie review Management system where users can see the rating and short summary of movies. These ratings are provided as input by admin. The admin then checks reviews, and critics' ratings and displays an online rating for every movie. This project aims to analysis develop an online system that automatically allows users to check and see ratings and reviews of movies, and based on that they can select the movies to watch.

Moreover, the Movie Review Management System incorporates a comprehensive analytics dashboard that offers visual representations of the aggregated review data. These visualizations include sentiment distribution charts, word clouds, and trend graphs, empowering stakeholders to quickly identify popular movies, sentiment trends, and audience preferences. This data-driven approach provides invaluable insights to filmmakers and production companies to gauge their movies' success, identify improve areas, and make data-informed decisions for future projects.

.

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1. Users Table:

User ID	Username	Email	Password	First Name	Last Name
1	user123	user123@example.com	*****	John	Doe
2	movieFan	fan@email.com	*****	Jane	Smith
3	cinemaGoer	goer@gmail.com	*****	David	Johnson

2. Organisations Table:

Organization ID	Name	Description
1	Rotten Tomatoes	Aggregator of movie reviews
2	IMDb	Online database of movies
3	Metacritic	Reviews, ratings, and analysis

3. Platforms Table:

Plate ID	Title	Release Year	Director	G
1	The Shawshank Redemption	1994	Frank Darabont	
2	The Godfather	1972	Francis Ford Coppola	
3	Pulp Fiction	1994	Quentin Tarantino	

ABBREVIATIONS

- DB: Data base
- DBMS: Database Management System
- RDBMS: Relational Database Management System
- SQL: Structured Query Language
- DDL: Data Definition Language
- DML: Data Manipulation Language
- DCL: Data Control Language
- ERD: Entity-Relationship Diagram
- CRUD: Create, Read, Update, Delete
- ACID: Atomicity, Consistency, Isolation, Durability
- AI: Auto-Increment
- HTML: Hyper Text Mark-up Language
- CSS: Cascading Styles Sheet
- JS: JavaScript

INTRODUCTION

The Movie Review Management System is designed to provide a centralized platform where users can browse, search, and contribute to a comprehensive collection of movie reviews.

Whether you're a movie enthusiast, a critic, or just someone looking for recommendations, our system offers a user-friendly interface to explore the world of cinema.

A Movie Review Management System is a software application that allows users to search for and view information about movies, including reviews, ratings, and other related data. It provides a platform for users to rate and review movies, as well as read reviews and ratings from other users.

The system can be used by various stakeholders, including movie critics, movie buffs, and casual viewers. Critics can use the system to share their opinions on movies and rate them based on their artistic value, while viewers can use it to find movies that match their interests and get recommendations from other users.

The Movie Review Management System can also help movie producers and distributors to monitor the reception of their films and gain insights into their audience's preferences. This information can help them make informed decisions about marketing, distribution, and production.

The system typically includes a database of movies, which can be organized by various categories such as genre, year, director, and cast. Users can search for movies based on these categories, as well as keywords, and other filters.

Overall, a Movie Review Management System is a powerful tool for movie enthusiasts, industry professionals, and anyone interested in staying up-to-date with the latest trends in the world of cinema.

PROBLEM STATEMENT

Develop a movie review system that can analyze and classify movie reviews as positive or negative based on their text content. The system should be able to accurately and efficiently determine the sentiment of a given movie review and provide an overall rating based on the sentiment analysis

Despite the growing popularity of online movie reviews, there are still some challenges that users face when trying to find reliable and trustworthy information about movies. Some of the common problems include:

Limited Access to Information: It can be difficult to find information on older or less popular movies. Many online sources may not have enough data on these films, or the information available may be incomplete or inaccurate.

Inconsistent Quality of Reviews: Not all movie reviews are created equal. Some reviews may be biased or unprofessional, while others may be overly critical or not informative enough.

Information Overload: With so many movies available, it can be overwhelming for users to find the right movie to watch. Users may spend hours scrolling through reviews and ratings before making a decision.

Lack of Personalization: Many online movie review systems do not provide personalized recommendations based on a user's viewing history, preferences, and past reviews.

The problem statement for a Movie Review Management System is to provide a reliable and user - friendly platform for movie enthusiasts to access a comprehensive database of movies, read trustworthy reviews and ratings, and make informed .

OBJECTIVES

The main objective of this project is to filter and predict only those movies that a corresponding user is most likely to want to watch .The system excludes human effort and saves time and resources.

Optimum utilization of technology to automate various review processes.Including simplicity to make sure individuals are drawn in and comprehend connected to technologies without difficulty or annoyance

Specifically, the objectives of the project are as follows:

1. To create a centralized database of players and organizations in the Indian Esports community, which will help in easy communication and collaboration between them.
2. To provide a user-friendly interface for players to showcase their skills and achievements, which will help them in gaining recognition from organizations and other players.
3. To provide a platform for organizations to discover talented players and recruit them for their teams.
4. To enable players to participate in tournaments and events organized by various organizations, which will help them in gaining exposure and experience in the competitive Esports scene.
5. To provide a system for managing the logistics and operations of Esports tournaments and events, which will help in streamlining the process and making it more organized and efficient.

Overall, the objective of the project is to promote the growth and development of the Indian Esports community by providing a platform that facilitates interaction and collaboration between players and organizations.

LITERATURE SURVEY

Existing System:

For reference **movie.pk** is a website that provides a wide range of tools and services for Movie review and management .

MODULES:

- 1. Builds and guides:** movie.pk offers a comprehensive database of builds and guides for Movie review System. These guides are created and updated by experienced players and offer insights into each character's strengths, weaknesses, and optimal playstyles.
- 2. Live Movie tracking:** The website offers real-time tracking of games being played, allowing users to see live updates on things like player stats, item builds, and objective control.
- 3. Post-Movie analysis:** After a game is completed, users can access detailed stats and analysis on their own performance, as well as that of their teammates and opponents.
- 4. Review history:** The website maintains a complete history of all matches played by user, allowing them to track their progress over time and identify areas for improvement.

Overall, Blitz.gg is a powerful tool for Movie review management offering a wealth of information and resources to help them improve their gameplay and connect with other players in the community.

EXISTING VS PROPOSED SYSTEM

Following are the key differences between our proposed system and the existingsystem:

- Provides detailed information about the reviews.
- Offers news, review results, and rankings of professional movies.
- Shows statistics and analytics of individual review performance in competitivematches
- Offers in-depth analysis and commentary of matches and strategies.
- Provides a community-driven platform for discussions, sharing content, and finding movies.
- Provides a platform for organizations to discover talented movies and recruit them for their teams
- Provides a system for managing the logistics and operations of Movie reviews and events

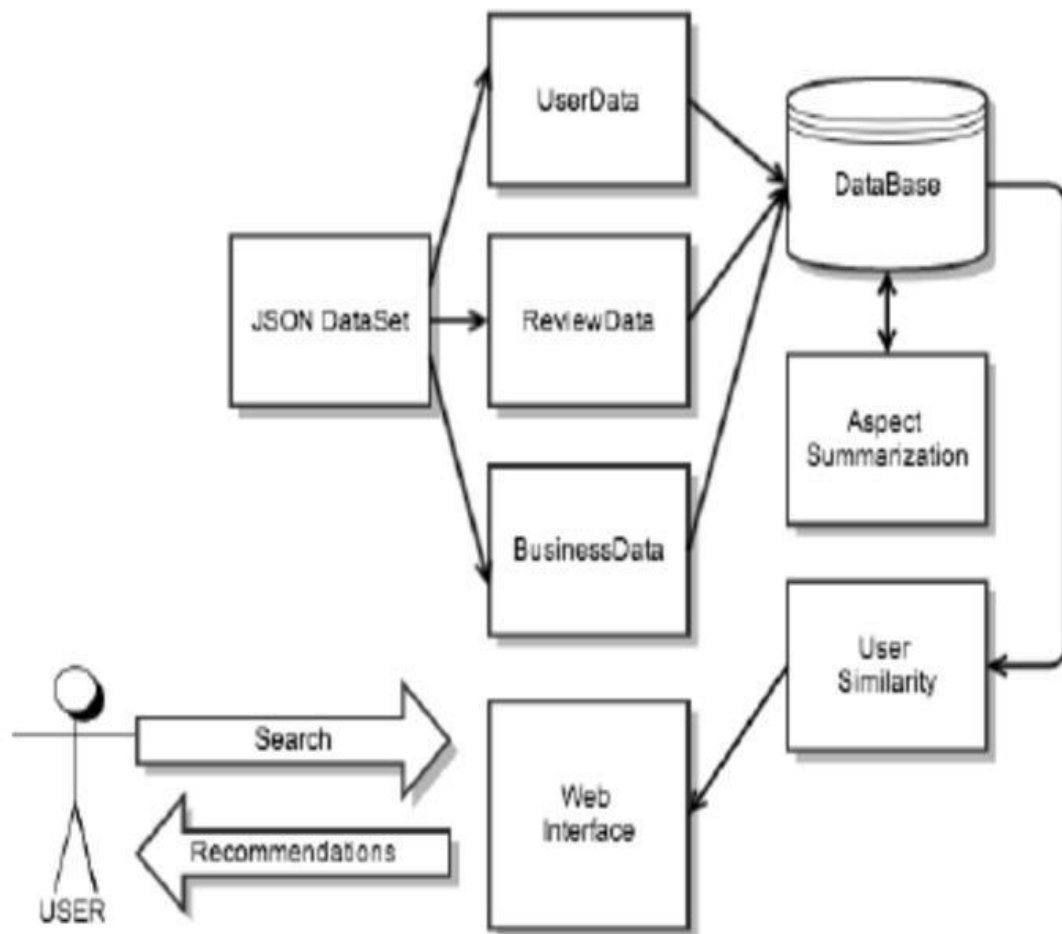
The main modules which are not there in the existing systems are

- **Users**
- **Movie**
- **Platforms**

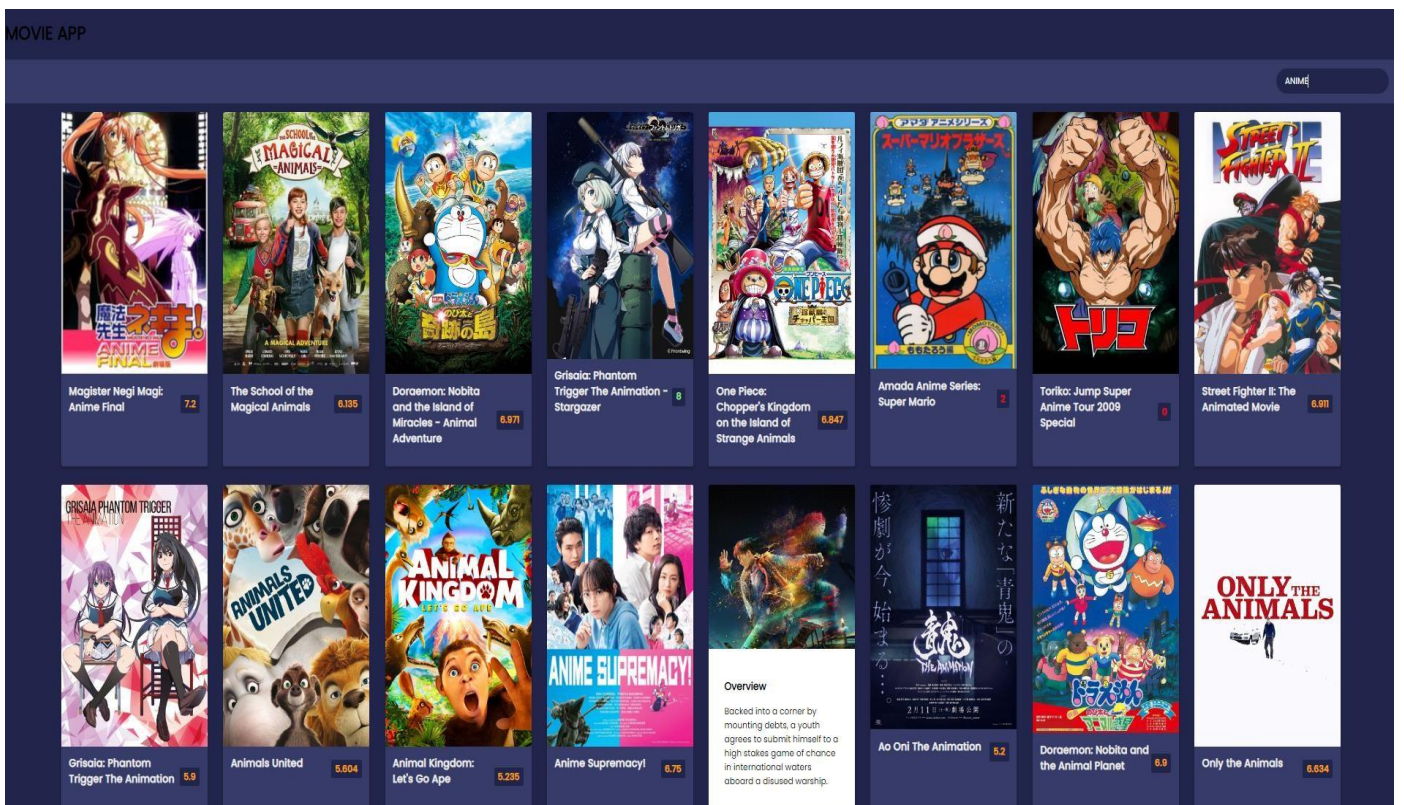
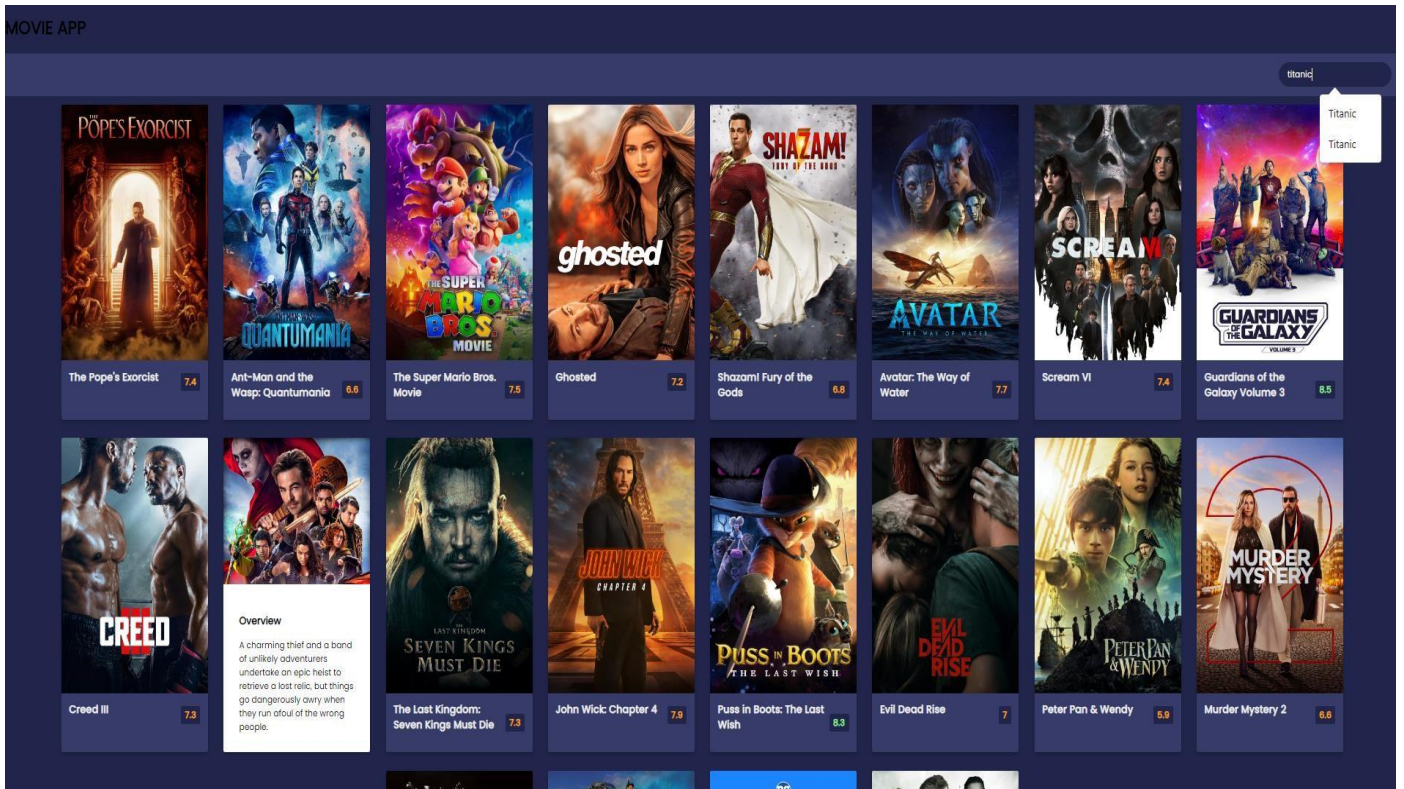
In summary, while both systems provide detailed information about their respective games, our system offers a community-driven platform for discussion and finding teams while focusing on individual player performance and offers personalized advice, targeting the professional scene and providing in-depth analysis of strategies.

SYSTEM ARCHITECTURE AND DESIGN

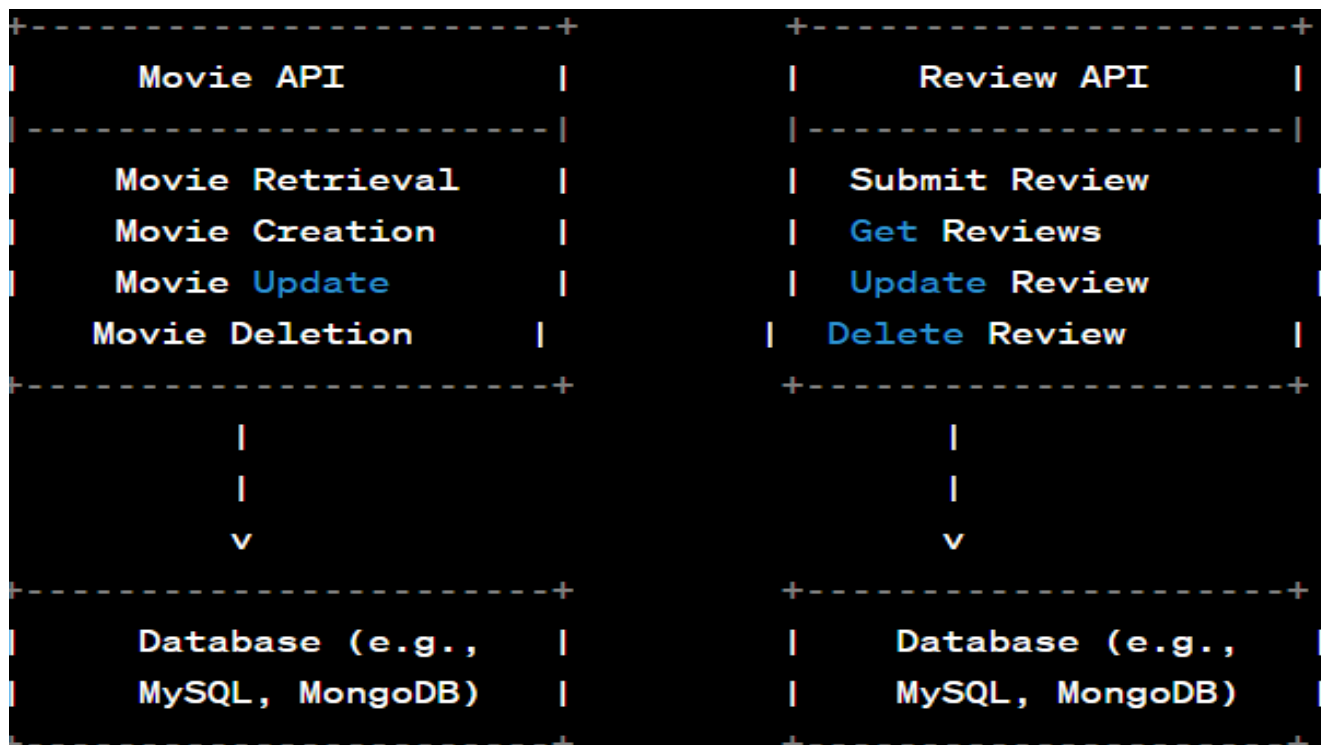
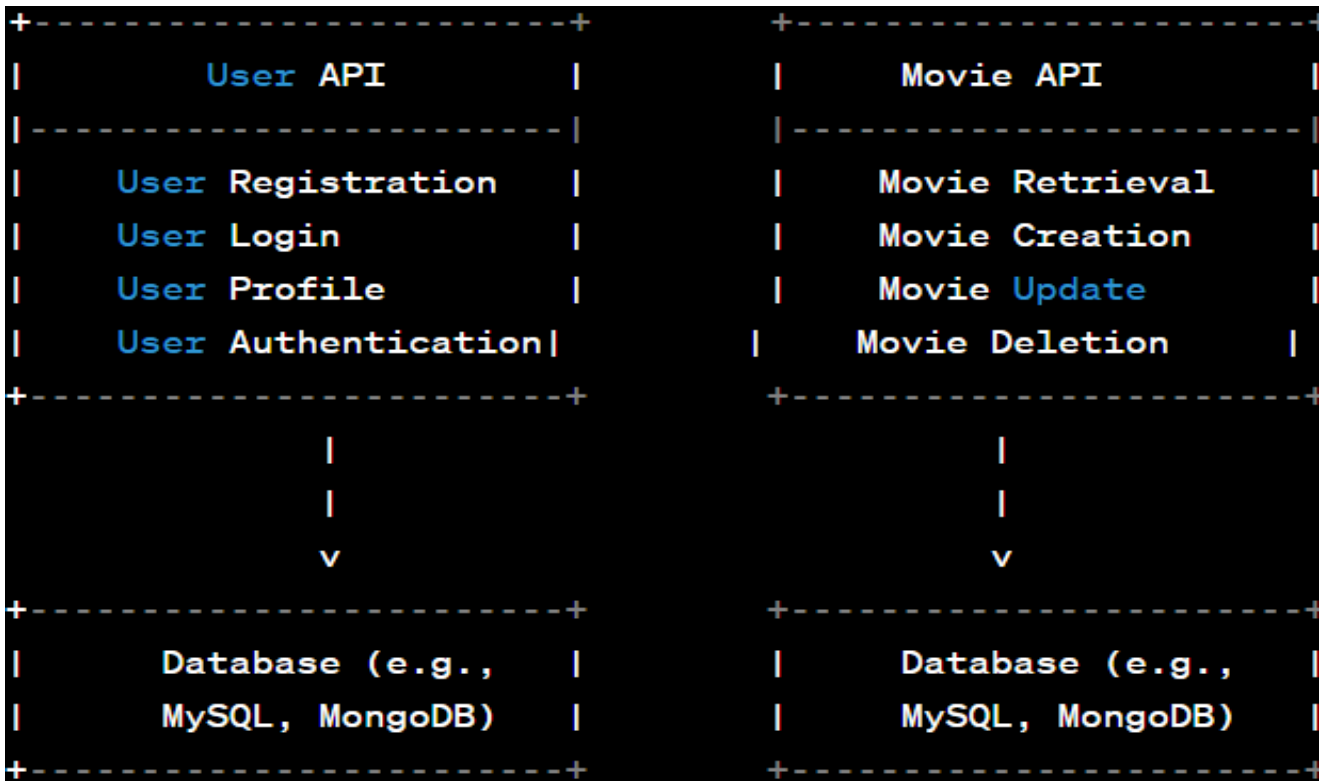
1. Architecture Diagram:



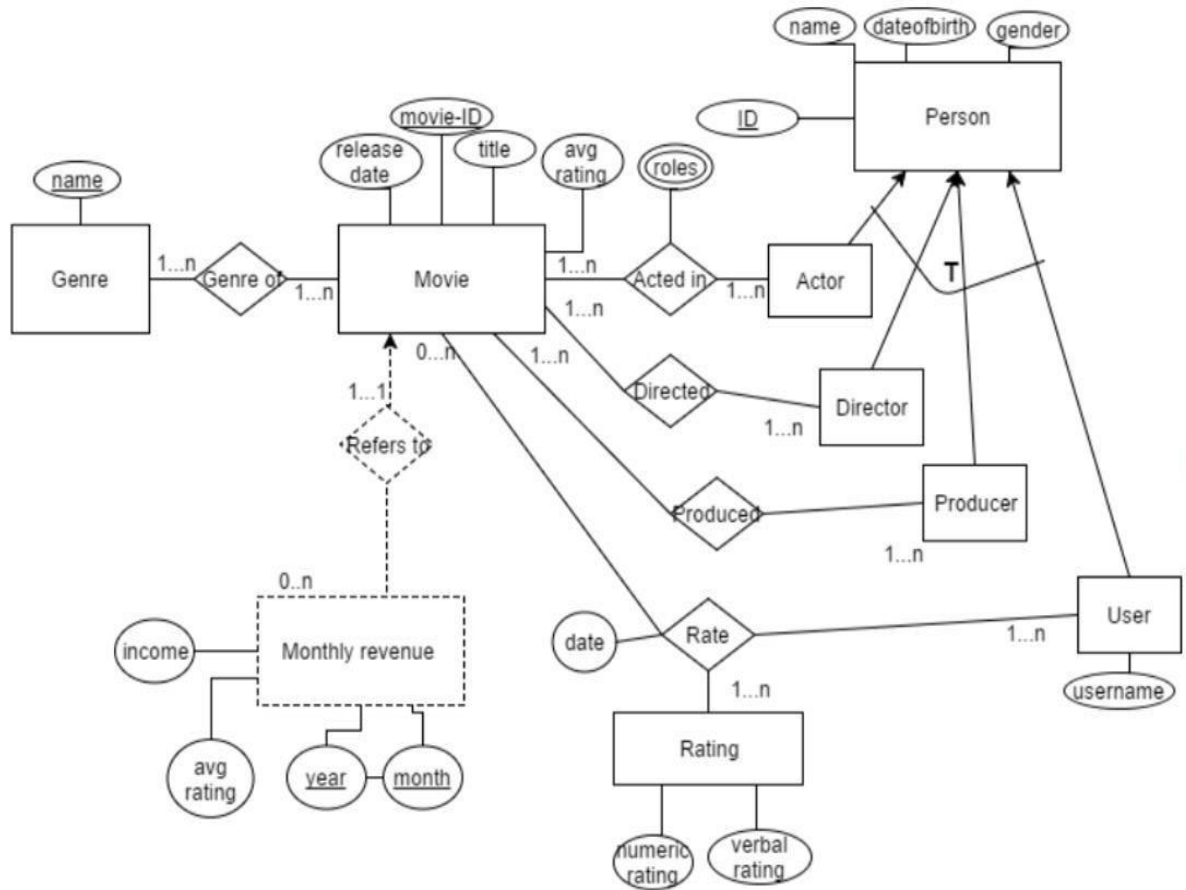
2. Front- End Design:



3. Back- End Design:



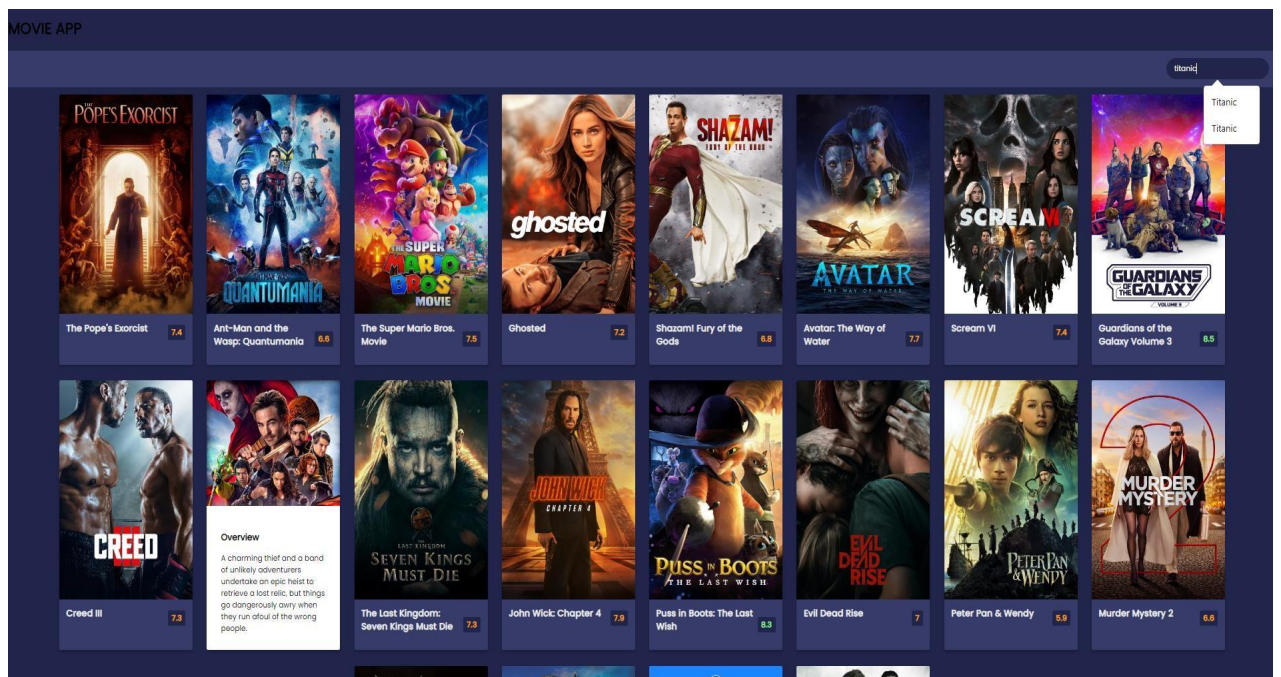
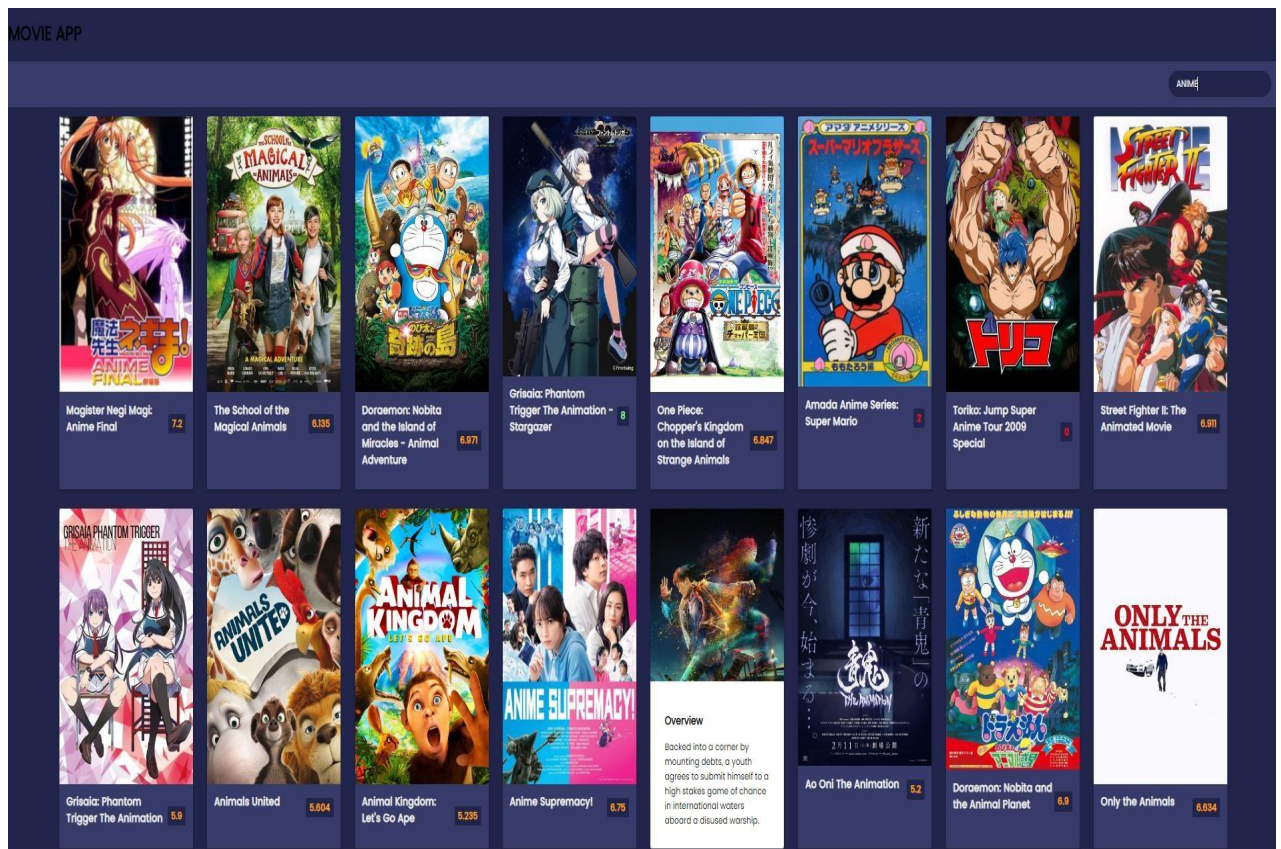
4. ER Diagram:



ERD of the Movies recommendation system

MODULES & FUNCTIONALITIES

Home Page :



Users:

Column	Data Type	Description
Review_ID	Integer	Unique identifier for each review
Movie_ID	Integer	Foreign key referencing the movie table
User_ID	Integer	Foreign key referencing the user table
Rating	Float/Decimal	Rating given by the user (e.g., 4.5)
Review_Text	Text	Textual review written by the user
Review_Date	Date	Date when the review was submitted
Likes	Integer	Number of likes received for the review
Dislikes	Integer	Number of dislikes received for the review

CODING

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="
width=device-width, initial-scale=1.0" />

<link rel="stylesheet" href="style.css" />

<title>Movie App</title>

<h1>MOVIE APP</h1>

</head>

<body>

<header>

<form id="form">

<input type="text" id="search" class="
search" placeholder="Search">

</form>

</header>

<main id="main"></main>

<script src="script.js"></script>

</body>

</html>
```

```
@import url('https://fonts.googleapis.com/css2
?family=Poppins:wght@200;400&display=swap'
);

:root {
4
5
--primary-color: #22254b;
6 --secondary-color: #373b69;
7
}
8
9
* {
10
box-sizing: border-box;
11
}
12
13
body {
background-color: var(--primary-color); font-family: 'Poppins', sans-serif; margin: 0;
)
header {
padding: 1rem;
display: flex;
justify-content: flex-end; background-color: var(--secondary-color);
)
search {
background-color: transparent;
border: 2px solid var(--primary-color); border-radius: 50px;
font-family: inherit;
```

font-size: 1rem;

padding: 0.5rem 1rem;
color: #fff;
)

search::placeholder {

color: #7378c5;
}

.search:focus {

outline: none;

background-color: var(--primary-color);

} main {

display: flex;

flex-wrap: wrap;

justify-content: center;

}

.movie {

width: 300px;

margin: 1rem; background-color: var(--secondary-color);

box-shadow: 0 4px 5px rgba(0, 0, 0, 0.2);

position: relative;

overflow: hidden;

border-radius: 3px;

const API_URL = 'https://api.themoviedb.org

_key=a0f5a30ca0595360915c2d6967d6642d&page=1'

/3//discover/movie?sort_by=popularity.desc&api const IMG_PATH = 'https://image.tmbd.org/t/p

/w1280 const SEARCH_API= 'https://api

.themoviedb.org/3/search/movie?api_key= a0f5a30ca0595360915c2d6967d6642d&query="

```

const main document.getElementById('main')
const form = document.getElementById('form') 12 const search = document.getElementById('search

window['nitroAds'] = window['nitroAds'] || { createAd: function () {
window.nitroAds.queue.push(["createAd", arguments]) }, queue: [] };

</script>

<a href="/" class="header-logo">



</a>

<div class="header-search">

<form action="/search/" method="get">

<input type="search" name="q" spellcheck=false autocomplete=off placeholder="Search...">

</form>

</div>

<div class="header-div mod-forums"></div>

<a href="/threads" class="header-nav-item mod-forums mod-vlr ">
Forums
</a>

<div class="header-div mod-matches"></div>

<a href="/matches" class="header-nav-item mod-matches mod-vlr ">
Matches
</a>

<div class="header-div mod-events"></div>

<a href="/events" class="header-nav-item mod-events mod-vlr ">
Events
</a>

<div class="header-div mod-rankings"></div>

<a href="/rankings" class="header-nav-item mod-rankings mod-vlr ">
Rankings

```


BETA2

<div class="header-div mod-stats"></div>

Stats

<div class="header-div"></div>

<div class="header-nav-item mod-vlr-spacing" style="width: 150px;"></div>

<div class="header-div mod-vlr-spacing"></div>

<div class="header-switch js-dark-switch ">

<div style="text-align: center;">

<div style="margin-bottom: 4px;">

<i class="fa fa-moon-o"></i>Night:

</div>

ON

OFF

</div>

</div>

<div class="header-div mod-switch"></div>


```
<div class="header-switch js-spoiler-switch mod-active">

<div style="text-align: center; ">

<div style="margin-bottom: 4px;">

<i class="fa fa-exclamation"></i>Spoilers:

</div>

<span class="on">

ON

</span>

<span class="off">

HIDDEN

</span>

</div>

</div>

<div class="header-div mod-switch"></div>

<a href="/search" class="header-nav-item mod-search mod-solo">

<i class="fa fa-search"></i>

</a>

<div class="header-div mod-search">

</div>

<a class="header-nav-item mod-login " href="/login">

Log in

<i class="fa fa-sign-in"></i>

</a>

<div class="header-nav-item mod-solo mod-dropdown mod-notlogged">

<i class="fa fa-bars"></i>

</div>

<div class="header-div mod-last"></div>
```

```
<div class="header-menu">

<div class="header-menu-scroll">

<a href="/events" class="header-menu-item mod-mobile mod-events">Events</a>

<a href="/rankings" class="header-menu-item mod-mobile mod-rankings">Rankings</a>

<a href="/stats" class="header-menu-item mod-mobile mod-stats">Stats</a>

<div class="header-menu-switch js-dark-switch ">

Night:

<span class="on">

ON

</span>

<span class="off">

OFF

</span>

</div>

<div class="header-menu-switch js-spoiler-switch mod-active">

Spoilers:

<span class="on">

ON

</span>

<span class="off">

HIDDEN

</span>

</div>

<a href="/login" class="header-menu-item"><i class="fa fa-sign-in"></i> Log in</a>

</div>

</div>

</nav>
```

```
</header>

<div id="float-left-300"></div>

<div id="float-left-160"></div>

<script type="text/javascript">

window['nitroAds'].createAd('float-left-300', {

  "refreshLimit": 10,

  "refreshTime": 30,

  "renderVisibleOnly": false,

  "refreshVisibleOnly": true,

  "sizes": [

    [

      "160",

      "600"

    ],

    [

      "300",

      "250"

    ],

    [

      "300",

      "600"

    ]

  ],

  "report": {

    "enabled": true,

    "wording": "Report Ad",

    "position": "bottom-left"

  },

}
```

```
"mediaQuery": '(min-width: 1820px)',

});

</script>

<script type="text/javascript">

window['nitroAds'].createAd('float-left-160', {

"refreshLimit": 10,

"refreshTime": 30,

"renderVisibleOnly": false,

"refreshVisibleOnly": true,

"sizes": [

[

"160",

"600"

]

],

"report": {

"enabled": true,

"wording": "Report Ad",

"position": "bottom-left"

},

"mediaQuery": '(min-width: 1550px) and (max-width: 1819px)',

});

</script>

<div id="float-right-300"></div>

<div id="float-right-160"></div>

<script type="text/javascript">

window['nitroAds'].createAd('float-right-300', {

"refreshLimit": 10,
```

```
"refreshTime": 30,

"renderVisibleOnly": false,

"refreshVisibleOnly": true,

"sizes": [

[

"160",

"600"

],

[

"300",

"250"

],

[

"300",

"600"

]

],

"report": {

"enabled": true,

"wording": "Report Ad",

"position": "bottom-left"

},

"mediaQuery": '(min-width: 1820px)',

});

</script>

<script type="text/javascript">

window['nitroAds'].createAd('float-right-160', {

"refreshLimit": 10,
```

```
"refreshTime": 30,
"renderVisibleOnly": false,
"refreshVisibleOnly": true,
"sizes": [
[
"160",
"600"
]
],
"report": {
"enabled": true,
"wording": "Report Ad",
"position": "bottom-left"
},
"mediaQuery": '(min-width: 1550px) and (max-width: 1819px)',
});
```

```
</script>
```

```
<div id="wrapper">
```

```
<div class="col-container">
```

```
<div class="col mod-1">
```

```
<div style="margin-top: 5px;">
```

```
</div>
```

```
<div style="margin-bottom: 15px;">
```

```
<div class="js-home-stickied">
```

```
<span class="wf-label mod-sidebar">
```

Stickied Threads

```
</span>
```

<div class="wf-card mod-dark mod-sidebar">

<div class="module-item-title ">

no politics </div>

<div class="module-item-count">

1

</div>

<div class="module-item-title ">

Pickems: VCT Pacific </div>

<div class="module-item-count">

67

</div>

<div class="module-item-title ">

Pickems: VCT Americas </div>

<div class="module-item-count">

99

</div>

<div class="module-item-title ">

Pickems: VCT EMEA </div>

<div class="module-item-count">

48

</div>

<div class="module-item-title ">

Pickems: VCL NA Split 2 </div>

<div class="module-item-count">

9

</div>

<div class="module-item-title ">

Pickems: FGC '23 Invitational Act 2 - Group Stage </div>

<div class="module-item-count">

12

</div>

<div class="module-item-title ">

Pickems: VCL SA S2 W2 </div>

<div class="module-item-count">

9

</div>

<div class="module-item-title ">

Pickems: College VALORANT Championship </div>

<div class="module-item-count">

9

</div>

<div class="module-item-title ">

Pickems: VCL JP Split 2 Playoffs </div>

<div class="module-item-count">

4

</div>

</div>

</div>

</div>

<div style="margin-bottom: 15px;">

<div class="js-home-threads">

Recent Discussion

<div class="wf-card mod-dark mod-sidebar">

<div class="module-item-title ">

RRQ vs GES </div>

<div class="module-item-count">

7

</div>

<div class="module-item-title ">

Belocity Gaming </div>

<div class="module-item-count">

2

</div>

<div class="module-item-title ">

Orangutan vs. Velocity Gaming – Challengers League South Asia: Split 2 W2 </div>

<div class="module-item-count">

23

</div>

im hungry </div>

2

</div>

EG </div>

3

</div>

Rrq vs Ge Battle of ind </div>

18

</div>

Cloud9 vs. MIBR – Champions Tour 2023: Americas League W6 </div>

<div class="module-item-count">

42

</div>

<div class="module-item-title ">

F4Q Bunny </div>

<div class="module-item-count">

27

</div>

<a href="/207523/why-benkai-is-benched" class="wf-module-item mod-disc " title="Why
benkai is benched">

<div class="module-item-title ">

Why benkai is benched </div>

<div class="module-item-count">

7

</div>

<a href="/184489/zeta-division-vs-paper-rex-champions-tour-2023-pacific-league-w7"
class="wf-module-item mod-disc " title="ZETA DIVISION vs. Paper Rex – Champions Tour
2023: Pacific League W7">

<div class="module-item-title ">

ZETA DIVISION vs. Paper Rex – Champions Tour 2023: Pacific League W7 </div>

<div class="module-item-count">

68

</div>

<div class="module-item-title ">

Best import player </div>

<div class="module-item-count">

21

</div>

<div class="module-item-title ">

Pacific Super Teams For Next Year </div>

<div class="module-item-count">

16

</div>

<div class="module-item-title ">

BBL Esports vs. Team Liquid – Champions Tour 2023: EMEA League W7 </div>

<div class="module-item-count">

18

</div>

<div class="module-item-title ">

Why Pacific can't improve </div>

<div class="module-item-count">

15

</div>

<div class="module-item-title ">

Evil Geniuses vs. Sentinels – Champions Tour 2023: Americas League W6 </div>

<div class="module-item-count">

49

</div>

</div>

</div>

</div>

</div>

<div class="col mod-2">

<div class="match-h-box">

<div class="wf-label" style="padding-left: 17px; padding-bottom: 8px;">

upcoming matches

</div>


<div class="h-box">

<div class="h-box-inner">


RESULTS AND DISCUSSIONS

MOVIE APP


ANIME




Magister Negi Magi: Anime Final 7.2




The School of the Magical Animals 6.135



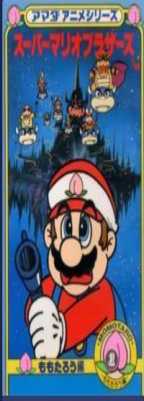
Doraemon: Nobita and the island of Miracles - Animal Adventure 6.971




Grisaia: Phantom Trigger The Animation - Stargazer 8




One Piece: Chopper's Kingdom on the Island of Strange Animals 6.847




Amada Anime Series: Super Mario 2




Toriko: Jump Super Anime Tour 2009 Special 9




Street Fighter II: The Animated Movie 6.911




Grisaia: Phantom Trigger The Animation 5.9




Animals United 5.604




Animal Kingdom: Let's Go Ape 5.235




Anime Supremacy! 6.75



Ao Oni The Animation 5.2



Doraemon: Nobita and the Animal Planet 6.9



Only the Animals 6.634

Overview

Backed into a corner by mounting debts, a youth agrees to submit himself to a high stakes game of chance in international waters aboard a disused warship.



Top Stars



Popular Movies



The Shawshank Redemption
Drama

IMDb 9.2



The Dark Knight
Action, Crime, Drama

IMDb 9.1



John Wick 4
Action, Crime, Thriller

IMDb 7.6

[See More](#)

Favorites



The Matrix
Action, Sci-Fi

IMDb 8.7

CONCLUSION AND FUTURE ENHANCEMENTS

In conclusion, Movie review management System has grown tremendously in India since 2015, with an increasing number of participants and audience, thanks to review like movie.pk. With the regular introduction of LAN events by different organizations, The rise of social media platforms has also made it easier for the audience to follow support their favourite Movies.

However, the lack of digital data regarding actor and organizations in the country has made it difficult for them to interact with each other. To address this issue, we proposed to Movie Review management system that will serve as a platform for movie watcher and organizations, making it easier for them to interact with each other.

The system will provide a smooth transition for watchers and organizations by allowing them to create and manage their profiles, search for each other, and communicate with ease. .

Overall, the proposed Movie management system will be a significant step towards the development and growth movies in India.

Whereas there's always a space for improvement. Some possible future enhancements could be:

- i.** Database optimization, which would increase the query performances.
- ii.** A separate system to record and store video clips of the user and strategies.
- iii.** Providing a single platform to link all their watcher accounts along with their respective settings like key-bindings, imdb settings, etc.
- iv.** Giving insights to the reviewer being held across the globe.
- v.** Updating the dataset with the upcoming games, players, tournaments, etc.
- vi.** Providing a platform with basic UI to help watcher improve their interesting movie,

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