

GLA University, Mathura

SYNOPSIS

MOVIE APP



Department of Computer Science & Applications

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Declaration

I hereby declare that the project work entitled “MOVIE APP” submitted to the GLA University, Mathura is a record of an original work done by us under the guidance of MISS GURPREET KAUR (Technical Trainee) of Department of Computer Science and Engineering. This project is submitted in partial fulfilment of the requirements for the award of the degree of Bachelors in Technology in Computer Science and Engineering.

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Acknowledgement

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Certificate

This is to certify that the Project Synopsis entitled “Movie App” is submitted to SUPERVISOR Miss Gurpreet Kaur(Technical Trainer) of the department of Computer Science and Engineering ,GLA University, Mathura in partial fulfillment for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a record of Bonafide Certificate carried out by :

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INTRODUCTION

Abstract

This movie website is dedicated to provide the information and resources for film lovers of all the genres. Visitors can browse through a vast collection of the movie.

This website also feature a user friendly search function. With a focus on the quality content and user engagements, this movie website is the ultimate destination for anyone about the art of the cinema.

where you can easily browse and watch a vast selection of movies from the comfort of your own home. Our website is designed to provide you with a seamless and user-friendly experience, allowing you to quickly and easily search for your favorite movies and discover new ones.

We offer a wide variety of movies, ranging from classic films to the latest blockbusters, as well as independent and foreign films. Our website features high-quality streaming video, ensuring that you can enjoy your favorite movies in stunning detail.

With our convenient online movie streaming service, you can enjoy your favorite movies anytime, anywhere. So why wait? Sign up today and start enjoying the best movies around!

Motivation(Reasons for choosing this project)

There can be several motivations for making a movie website, including:

1. Passion for movies: One of the primary motivations for making a movie website could be a genuine love and passion for movies. The website could provide a platform for movie enthusiasts to share their love for cinema, discuss their favorite films, and discover new ones.
2. Business opportunity: Another motivation for making a movie website could be the potential for a profitable business opportunity. With the growing demand for digital streaming services and movie-related merchandise, a well-designed and marketed movie website could attract a significant audience and generate revenue.
3. Providing a valuable resource: A movie website can also serve as a valuable resource for moviegoers, providing them with access to a comprehensive database of movies, reviews, and news updates. The website could also serve as a platform for independent filmmakers to showcase their work and reach a wider audience.
4. Filling a gap in the market: Another motivation for making a movie website could be identifying a gap in the market and creating a solution to meet the needs of movie enthusiasts. For example, the website could focus on a specific niche or genre that is underserved in the market.

In summary, the motivation for making a movie website can vary depending on the individual or company behind it. It can be driven by passion, business opportunities, providing a valuable resource, or identifying a gap in the market. Whatever the motivation, a well-executed movie website can potentially provide significant value to movie enthusiasts and the industry as a whole.

Problem Statement

There is a lot of competition in the movie industry, and there are many well-established websites that provide similar services. It can be challenging to differentiate a new movie website from existing ones and attract a significant audience.

Technical challenges: Developing and maintaining a movie website can be technically challenging, particularly with the need to handle a large volume of movie data, user information, and digital streaming services.

Main Objectives of the project

The main objective of the movie website is to provide an online platform for the users to browse and discover movies. The website should provide a user friendly interface that allows users to easily search and filter movies based on various criteria, such as genre, release date, and cast.

This website will also provide the users with information about each movie. This website will also have the ability to create accounts .

The ultimate goal of a simple movie website is to create an engaging and informative platform for movie enthusiasts to explore, discover, and share their passion for the cinema.

This website will also provide the users with information about each movie. This website will also have the ability to create accounts

Scope of the Project

The scope of a project to make a movie website can vary depending on its specific requirements and goals. However, generally speaking, the following are some of the key areas that would likely be included in the project scope:

1. Purpose: Define the purpose of the website, such as promoting new releases, showcasing past films, or providing information on upcoming events.
2. Target audience: Identify the target audience for the website, including demographics and interests.
3. Content: Determine the types of content that will be included on the website, such as movie descriptions, trailers, reviews, cast and crew information, and showtimes.
4. Design: Develop a design that is visually appealing, easy to navigate, and reflects the tone and style of the movies being featured.
5. Functionality: Determine the desired functionality of the website, such as the ability to purchase tickets, watch trailers, and leave reviews.

Feasibility Study

Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

Economic Feasibility

This is a very important aspect to be considered while developing a project. The technology based on minimum possible cost factor

All hardware and software components have to be borne by the developer organization.

Technical Feasibility

This includes the study of function performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the system requirements and checked if everything was possible using the different types of frontend and backend platforms.

Operational Feasibility

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper testing and training has been conducted to let the users know the essence of the system.

Working methodology of the project

The working methodology of a movie website can be broken down into several steps:

Planning: This stage involves determining the website's goals, target audience, and features. The planning stage should also include creating a wireframe or prototype of the website.

Design: This stage involves creating a visual design for the website. The design should be user-friendly and visually appealing.

Development: This stage involves creating the actual website using programming languages such as HTML, CSS, and JavaScript. The development stage should also include the creation of a database to store movie information and user data.

Testing: This stage involves testing the website's functionality and user-friendliness to ensure that it meets the requirements set out in the planning stage.

Software and Hardware Requirements

Software Requirements:

- HTML
- CSS
- React
- JavaScript
- Bootstrap
- M.E.R.N.
- VS Code

Hardware Requirements:

- Windows 10 and above
- 512 mb RAM
- I3 processor and above

Module Description

A movie website can consist of multiple modules or features that make it functional and user-friendly. Here are some potential modules that a movie website could include:

Home Page: The home page is the first page that users see when they visit the website. It should include a summary of the website's offerings, such as featured movies, news, reviews, and upcoming releases.

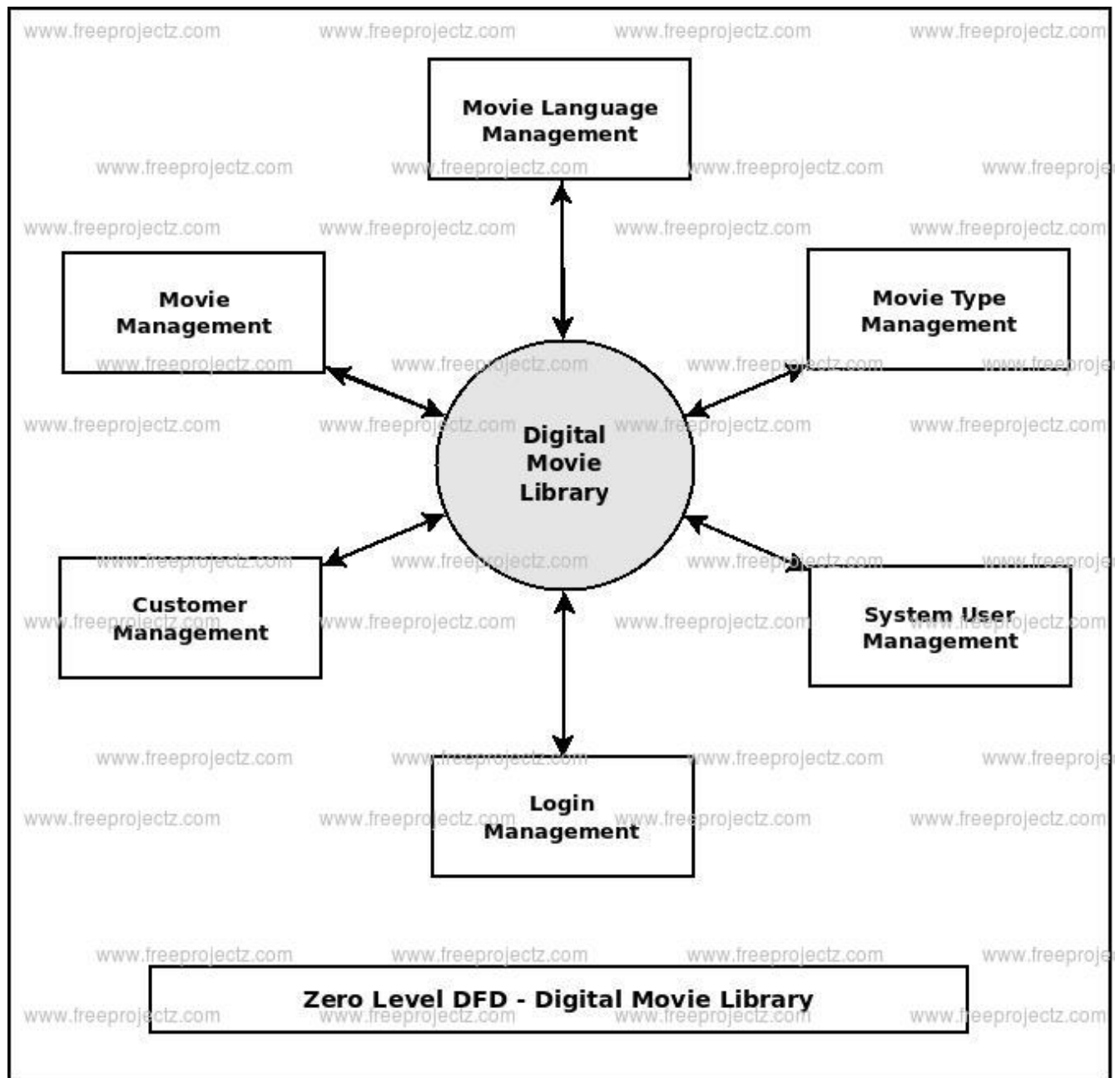
Movie Listings: This module allows users to browse through a comprehensive list of movies that are available on the website. The module can be divided into categories such as genre, release date, and popularity.

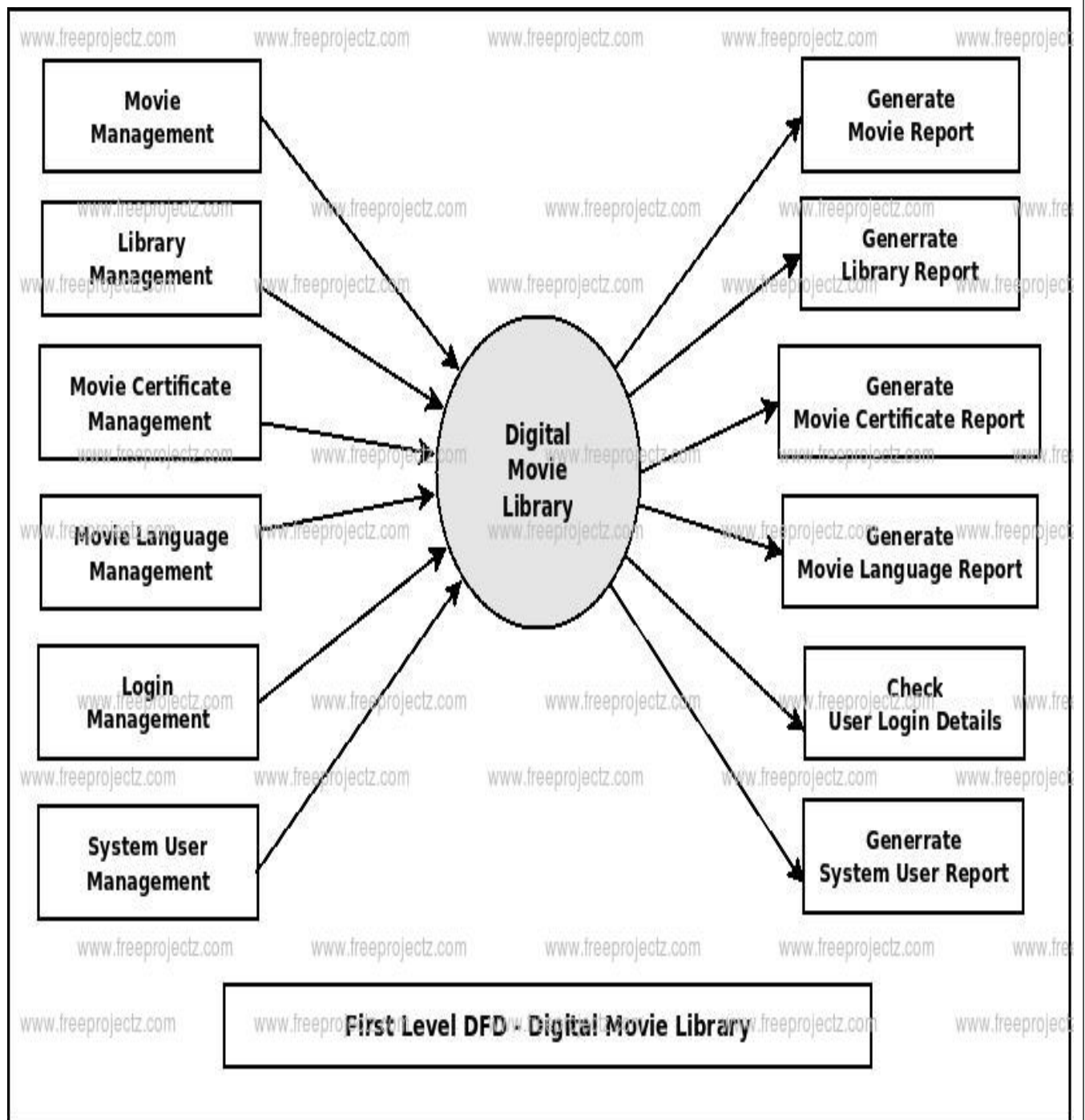
Movie Details: This module provides detailed information about each movie listed on the website, including a brief synopsis, cast and crew information, trailers, and reviews.

The project of making a movie website involves creating a web-based platform that provides information about movies, their cast and crew, ratings and reviews, trailers, and other related content. The website may also include features such as user registration, personalized recommendations, and a search function to help users find specific movies or genres.

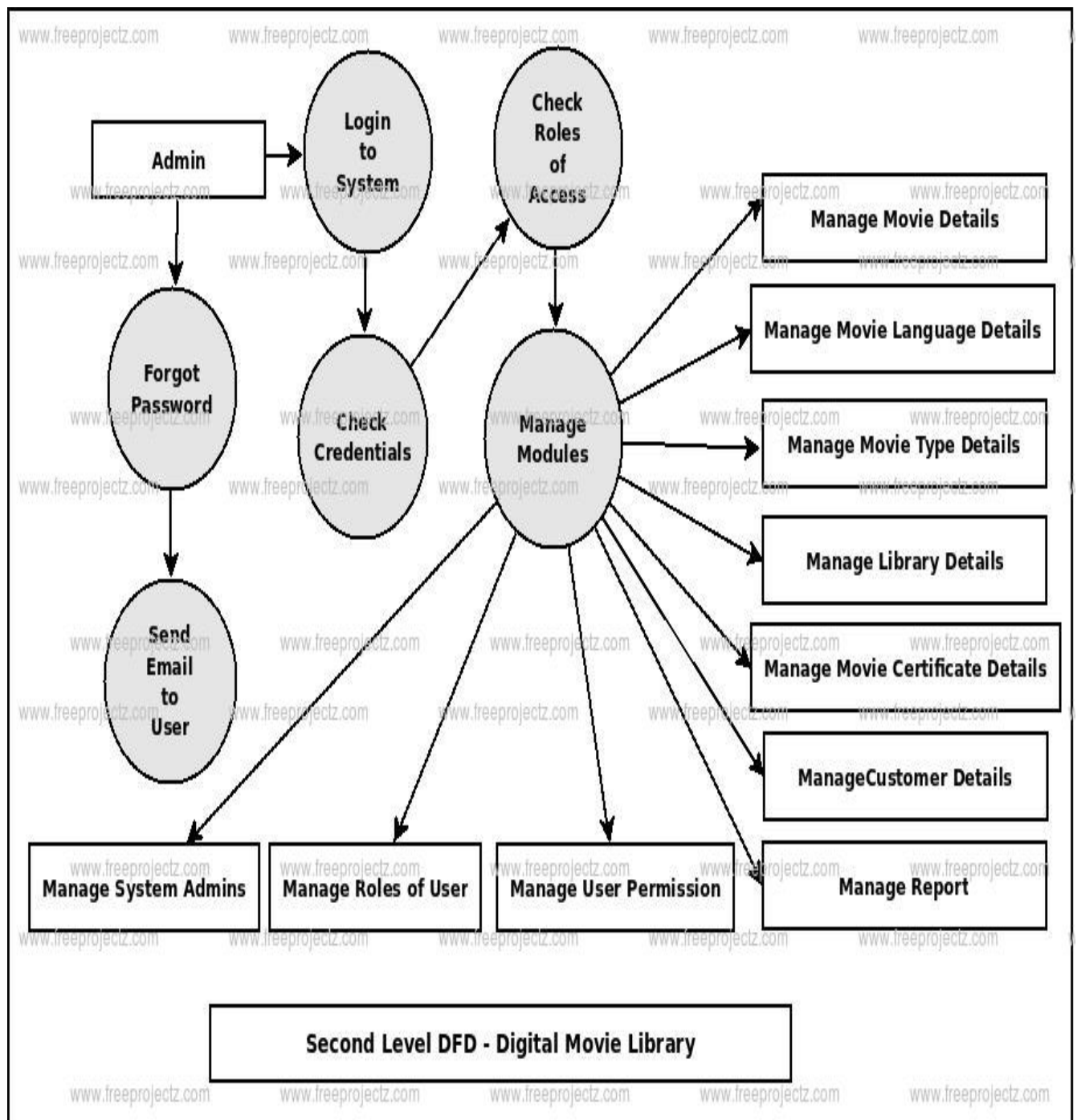
To build this website, you would need to use various programming languages such as HTML, CSS, and JavaScript, as well as a backend language such as Python or PHP. You would also need to utilize APIs from various movie databases and streaming services, such as IMDb or Netflix, to fetch relevant information and data.

Data Flow Diagrams





Level 1 DFD for Patient Management



Future scope of the Project

There is a bright future for making a movie website as the film industry continues to grow and expand. Here are some potential opportunities for a movie website:

- **Digital streaming:** With the rise of digital streaming platforms like Netflix, Hulu, and Amazon Prime, there is a high demand for online movie content. A movie website that offers digital streaming services could be highly profitable.
- **Movie reviews and ratings:** Many moviegoers rely on online reviews and ratings to help them decide which movies to watch. A movie website that provides honest and accurate reviews and ratings could attract a large audience.
- **Movie news and updates:** Fans of movies are always interested in the latest news and updates regarding upcoming releases, cast and crew information, and behind-the-scenes details. A movie website that provides up-to-date information could be very popular.
- **Movie merchandise:** Fans of movies often want to purchase merchandise related to their favorite films, such as posters, t-shirts, and other collectibles. A movie website that sells movie-related merchandise could be successful.
- **Movie-related events:** Hosting movie-related events such as film festivals, screenings, and premieres could be another way to generate revenue.
- **Overall,** there are many opportunities for a movie website to succeed in the current market. However, it is important to do thorough market research and create a unique and valuable offering that sets the website apart from competitors.

Conclusion

In conclusion, there is a significant opportunity for making a movie website in today's digital age. With the rise of digital streaming platforms, the demand for online movie content has skyrocketed. A well-designed movie website that offers digital streaming services could potentially attract a large audience and generate significant revenue.

In addition to digital streaming, movie reviews and ratings are another key feature that could make a movie website successful. Many moviegoers rely on online reviews and ratings to decide which movies to watch, so providing honest and accurate reviews could help establish credibility and build a loyal following.

Moreover, keeping up-to-date with the latest news and updates regarding upcoming releases, cast and crew information, and behind-the-scenes details can be a valuable feature for movie enthusiasts. A movie website that provides up-to-date information could be a go-to source for movie news and updates.

Movie merchandise can also be a significant revenue stream for a movie website. Selling movie-related merchandise such as posters, t-shirts, and other collectibles could attract a dedicated fanbase of movie enthusiasts.

Finally, hosting movie-related events such as film festivals, screenings, and premieres could be another way to generate revenue and attract a wider audience.

In summary, there are many opportunities for a movie website to succeed in the current market. It is crucial to do thorough market research and create a unique and valuable offering that sets the website apart from competitors. With the right approach, a well-executed movie website can potentially become a profitable and valuable platform for movie enthusiasts around the world.

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GitHub Repository link