PROJECT PROPOSAL

WEB-2013

CMS Development

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INTRODUCTION

I am proposing to develop a dynamic and engaging movie review app that will provide comprehensive movie reviews for users to read. The app will contain a web-based CMS that will allow multiple movie critics to create, edit, and delete reviews, and provide an interface for managing and organizing the content effectively. With the app, users will have access to reviews, along with the latest updates from the film industry, providing them with a rich archive of past reviews and a five-star rating system that allows them to quickly assess the quality of the movie.

1. DESCRIPTION OF THE CONTENT MANAGEMENT SYSTEM

Organization Description

EntertainmentMB Free Press is a company that publishes content related to entertainment in the Manitoba province. As per their latest traffic analysis, they have noticed an increase in the number of users looking for information about movies. To reach more users and provide them with more detailed information about movies, the company wants to develop an app that allows movie critics to review movies and for users to read those reviews.

EntertainmentMB Free Press will require a web-based CMS (Content Management System) to facilitate the development of this app. A CMS software application allows users to create, manage, and publish digital content. In the case of the app the company wants to develop, the CMS will manage and publish movie reviews.

A web-based CMS is ideal for this project because it allows multiple users to collaborate and contribute to the app from anywhere if they have an internet connection. It also provides a user-friendly interface for managing and organizing the content, which will make it easier for the company's staff to add and update movie reviews.

Furthermore, a web-based CMS offers flexibility and scalability, which will be important as the app grows, and more users start using it. It will also allow the company to easily integrate other features into the app in the future, such as movie ratings, trailers, and showtimes.

Overall, a web-based CMS will be essential for **EntertainmentMB** Free Press to develop and manage the app they want to create, allowing them to provide more detailed information about movies and reach a wider audience.

Description of the System

The system needs to be a dynamic and engaging film review platform that provides comprehensive reviews of movies, along with the latest news and updates from the film industry. Each review on the platform will offer a detailed synopsis of the movie, followed by a critique that evaluates its various elements. The reviews are complemented by a five-star rating system, which allows users to quickly assess the quality of the movie.

In addition to movie reviews, the platform features a rich archive of past reviews. These resources provide users with a variety of information and analysis that can help them make informed decisions about what to watch and expand their understanding of the movie industry.

2.   TYPES OF USERS

The movie review app will have three types of users with different levels of access and responsibilities within the platform. This user separation ensures that each user type can effectively contribute to the app's success while maintaining security and control.

- Administrators

    The administrator will be responsible of manage the site. Their task will be: to create, modify, and delete all resources necessary in the system.

- Reviewers

    They will be who feed the system with reviews. They can create, edit, and delete reviews.

- General Users

    All users can access the site to read all published content.

3. DATABASE STRUCTURE

Table Name	Description	Associations
Movie	Storage all data related to the movies, such as name, release year, and Actors.	Movies have directors and platforms. It is not mandatory that movie has a review.
Director	Storage information about the directors of each movie	One movie has one director
Platform	This table stores the name of all platforms available where the movie is published	One movie can have one or more platform
Reviewer	Storage the name and background of the critic who is the person that writes the review.	Reviewer is associated with movies.
Category	It is the table that stores different categories of movies.	It is associated to movie

Entity Relation Diagram (ERD)