

A Minor Project Proposal on

SEENEMA

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Table of Contents

1. Abstract.....	3
2. Problem Statement.....	4
3. Project-Objectives	5
4. Significance of the study	6
5. Scope and Limitation.....	7
6. Literature Study/Review.....	8
7. Proposed Methodology.....	9
7.1 . Process Model	10
7.2 . DFD.....	11
7.3 . Use Case Diagram.....	12
8. Proposed Deliverables/Output.....	13
9. Project Task and Time Schedule.....	14
10. References.....	15

List of Figure

Figure 1:Waterfall Model.....	10
Figure 2: 0 - Level DFD.....	11
Figure 3: 1 - Level DFD.....	11
Figure 4: Use case diagram.....	12
Figure 5: Gantt Chart	14

1. Abstract

Seenema is a movie review website designed to simplify the process of discovering and choosing movies. With countless movies accessible on various platforms, people often get confused about what to watch. With the development of Seenema, People can easily go through the review sections of the movie they are willing to watch. Seenema will offer user a comprehensive overview of a movie. The main objective of this project will be to design a website that allows the user to browse through the movies with reviews and add their own reviews in the movies. The project will follow waterfall method to achieve its goal. User can get brief overview and review of the movie that they are willing to watch. Seenema will provide all the necessary information about the movies.

Keywords: Seenema, Movie review, Movie rating, Movie database, Movie recommendation

2. Problem Statement

With so many movies available on different platforms, there lacks a user-friendly platform for individuals to access reviews and contribute their own opinions. This project aims to address this gap by creating a movie review platform, allowing users to add their own reviews ultimately enhancing their ability to discover and enjoy movies. It will provide user with quick review of the movie they are willing to watch.

3. Project-Objectives

The objectives of the project are as follow:

- Develop a user-friendly platform for sharing and discussing movie reviews.
- Enable the functionality for users to submit reviews on movies.
- Provide the capability for users to respond to existing reviews.
- Implement a system to filter and remove any inappropriate comments to ensure a respectful and constructive community.

4. Significance of the study

Seenema is a movie review website, that provides following functionality:

- **Helps you pick movies:** It's similar to having insider knowledge about which movies are worth watching. We can check out others' opinions before choosing your movie.
- **Tell us What's Trending:** We can stay updated on the movie genres and trending topics in the film industry. It's like being in the know without having to scour through sources.
- **Illustrates How Friends Impact Us:** Observing how our friends rate movies on Seenema can influence our viewing choices. It feels like having your pals beside you assisting in decision making.
- **Offers a Break from Studying:** Additionally, it's quite enjoyable to read reviews about movies and see other viewpoints. It serves as a diversion when you need a break from all that studying and replying on other users' comments!

5. Scope and Limitation

As previously mentioned, our project is small and has some downsides as it is only the demonstration for the bigger plan for the showcase of the project in our BCA VI semester.

SCOPE:

Seenema has a broad scope in providing users with valuable insights into movie choices, influencing trends, and enhancing user experience, website-based application. It serves as a go-to platform for movie enthusiasts to make informed decisions about what to watch next through online connection, leveraging user-generated content and reviews. Additionally, Seenema contributes to understanding social influence dynamics and digital media consumption patterns, showing us how people's taste in entertainment is changing.

LIMITATION:

Despite its strengths, Seenema also has its limitations. Firstly, its effectiveness relies heavily on user participation and the quality of reviews, which may vary in reliability and relevance. Additionally, Seenema's influence may be limited to Nepali movies and limits of added foreign movies. Moreover, the platform's algorithms and recommendation systems may face challenges in accurately predicting individual preferences, leading to occasional mismatches between user expectations and recommended content. Lastly, Seenema's scope may be constrained by its focus on movie reviews, potentially overlooking other aspects of the entertainment industry, such as TV shows or music.

6. Literature Study/Review

Websites like IMDb and Variety have become a dominant force in influencing moviegoers' choices. Here are three key points highlighted in research on these platforms:

- **User-Generated Content and Sentiment Analysis:** User-generated reviews on websites provide valuable data for understanding opinions about films. Researchers use techniques like Natural Language Processing (NLP) and machine learning to analyze these reviews and determine if they are positive, negative, or neutral. This analysis helps studios, distributors, and viewers quickly gauge how audiences feel about a movie. [1] [2]
- **Impact on Movie Selection:** Studies have shown that user reviews significantly impact movie selection decisions. Moviegoers often consult review websites before deciding what to watch, with positive reviews influencing their choices. This highlights the power these platforms hold in shaping movie consumption trends. [3]
- **Diversity of Opinions and Recommendation Systems:** While user reviews offer a range of perspectives, concerns exist about the potential for bias and manipulation. Research explores methods to incorporate this diversity of opinions into recommendation systems that can provide viewers with a more personalized and balanced set of suggestions beyond just popularity or high ratings. [4] [5]

7. Proposed Methodology

The proposed Seenema will use bootstrap as a frontend, Laravel as backend and MySQL as database. Bootstrap for designing responsive layouts and user interfaces. Laravel for setting up project structure and integrate with MySQL database for data storage and retrieval. MySQL for designing database schema including tables for movies, users, reviews, and relationships between them.

The proposed system aims to offer an efficient platform for movie review. It will be developed as a web-based application accessible from any internet-connected device. This system will enable users to submit reviews, rate movies, browse film details, and foster interaction among movie enthusiasts.

The system will undergo comprehensive testing and quality assurance processes to ensure its reliability, precision, and effectiveness. Additionally, regular maintenance and updates will be performed to ensure flexibility and optimal performance.

We choose Waterfall model for our project due to benefits and it fits well with our project. The waterfall model is a software development approach where the development process progresses sequentially through distinct phases, like a waterfall flowing downwards. Its simplicity and straightforwardness. It follows a linear and predictable path, where each phase is completed before moving on to the next one. This makes it easy to plan, understand, and manage the project timeline.

7.1 . Process Model

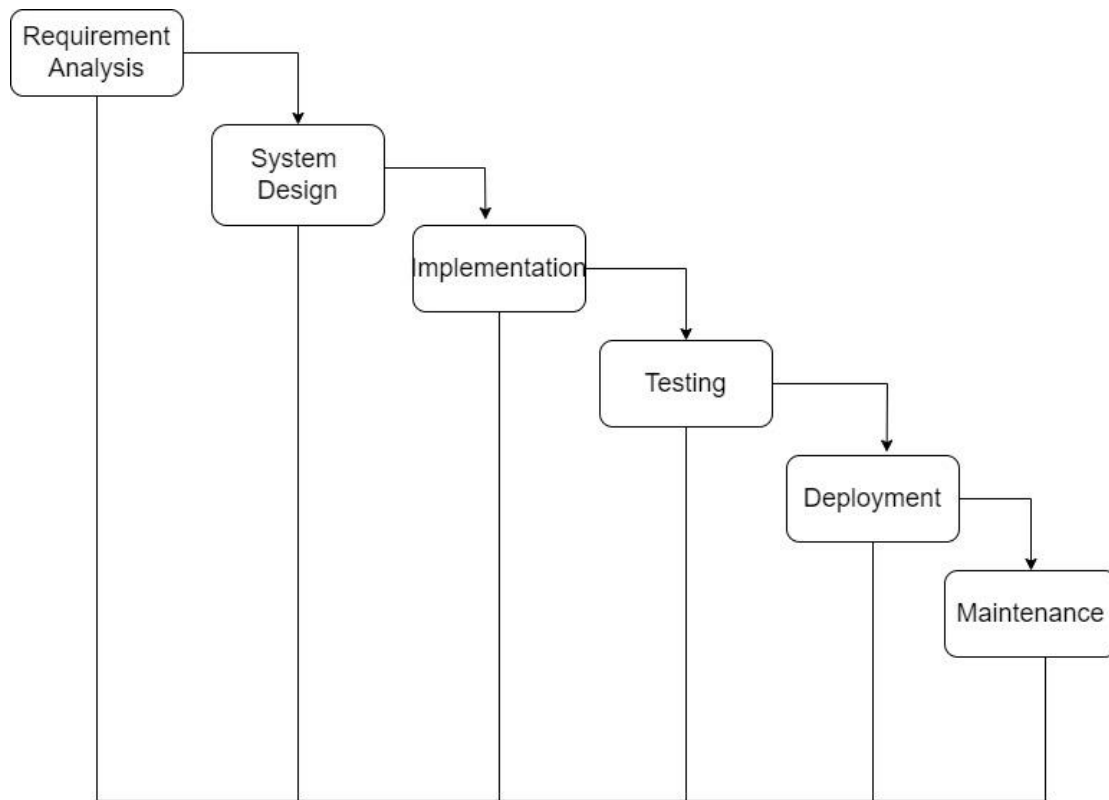


Figure 1: Waterfall Model

7.2. DFD

[6]

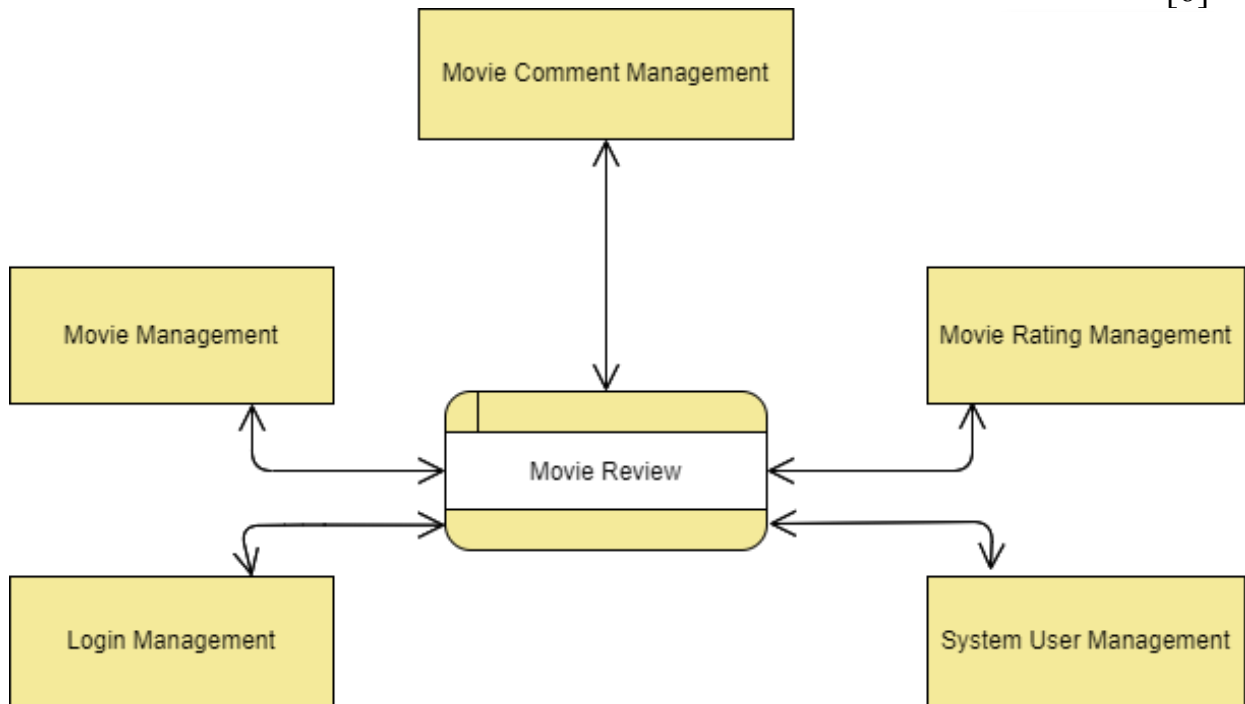


Figure 2: 0 - Level DFD

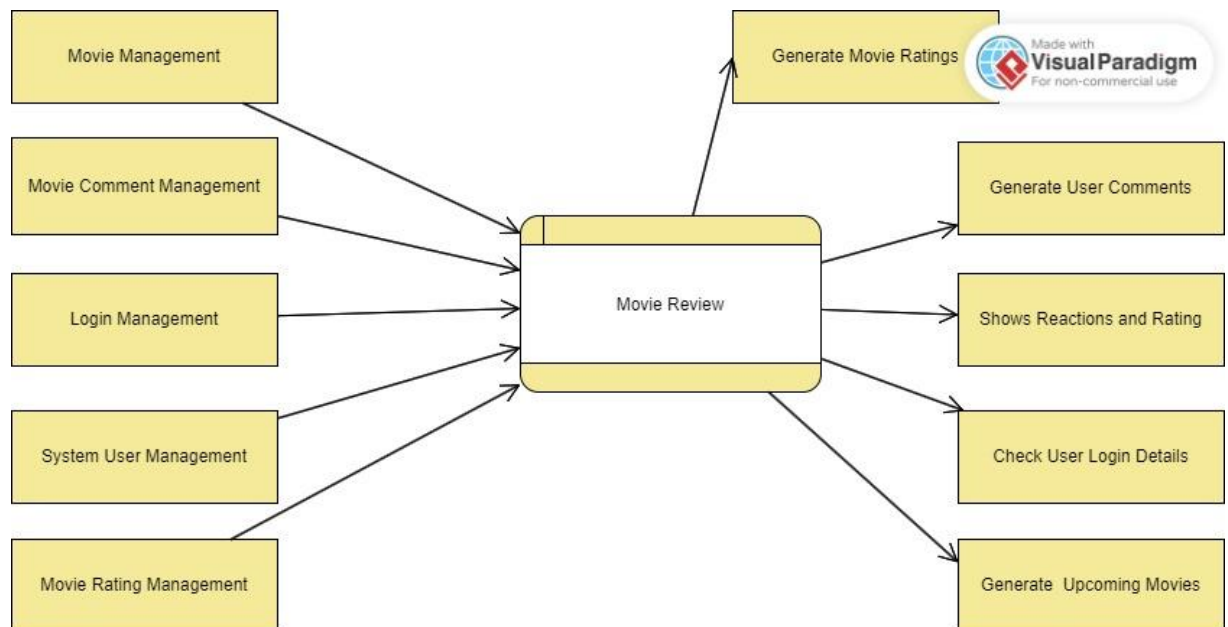


Figure 3: 1 - Level DFD

7.3. Use Case Diagram

A use case diagram at its simplest is a representation of a user's interaction with the system that shows the relationship between the user and the different use cases in which the user is involved. The actors for our system are User. The graphical representation of what our system must actually do is represented below

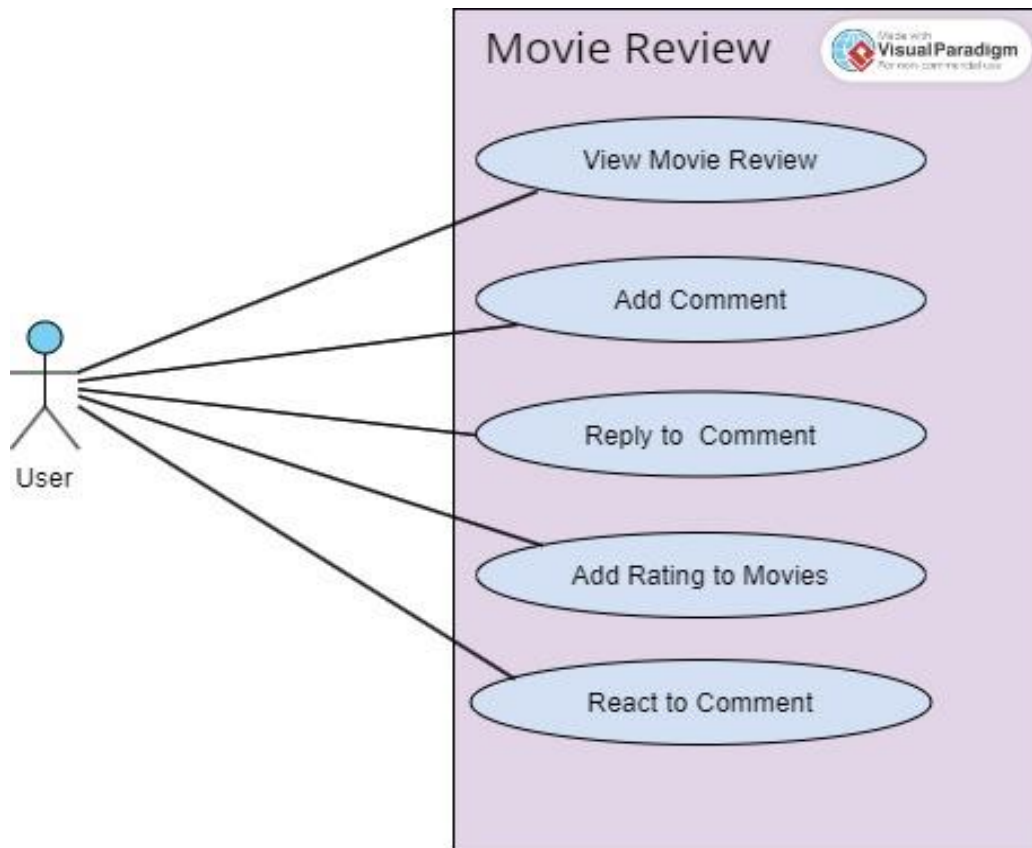


Figure 4: Use case diagram

8. Proposed Deliverables/Output

The output of a Movie Review website includes these types of information,

- Shows Multiple Movie Review: Upcoming Movies, Movie review and Description are Updated by the Developer.
- User Interaction: User can Rate the Movies, Comment and Reply to comment, User can react to Comment.
- User friendly Experience: User cannot use vulgar words in the comment.

9. Project Task and Time Schedule

[7]

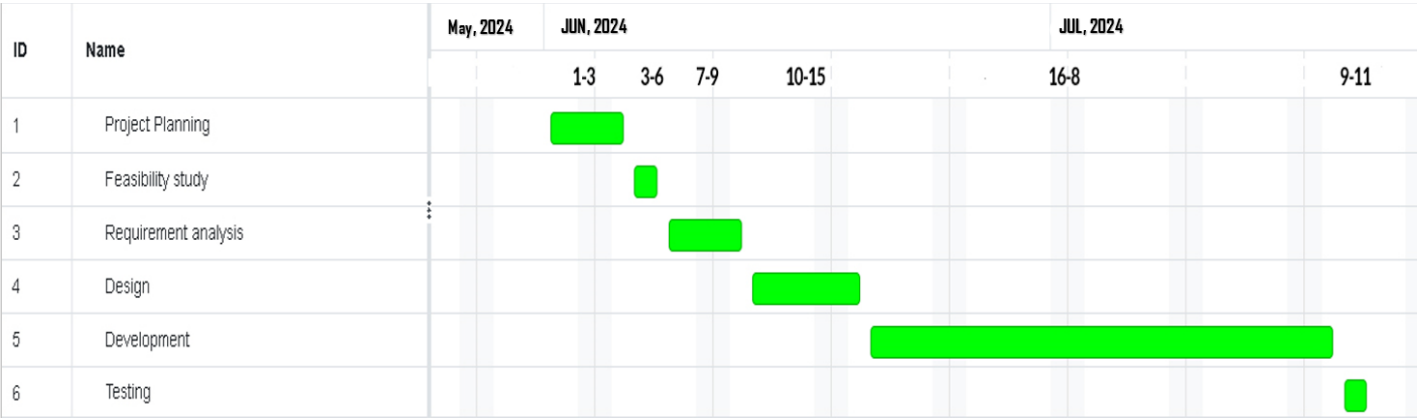


Figure 5: Gantt Chart

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