



UNIVERSITI MALAYSIA TERENGGANU

Project Title: CineLuxe (Movie Website)

Course : WEB-BASED APPLICATION DEVELOPMENT

Course Code : CSE3023

Group 19	
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Overview of the Project

Introduction

The sudden rise in online media consumption has given birth to an active community of movie enthusiasts who are ready to share their opinions, discover new films, and connect with like-minded fans. As much as this need is present, existing platforms prefer to divide content across multiple sites or fail to provide a complete interactive and personalized experience.

CineLuxe is constructed as a social media-influenced movie website that combines movie reviews, encourages user interaction, and tailors content discovery. Employing the Model-View-Controller (MVC) framework using JSP, Servlets, and MySQL, CineLuxe is programmed to build an active community where movie lovers unite on their passion for cinema through cinematic experiences.

Problem Statement

Today's online age confronts the movie-going audience more actively than ever before in researching and exchanging information about films. The landscape is currently highly fractured, however. There are reviews on a wide variety of sites ranging from social networking platforms, blogs, streaming, to movie databases each performing specialized roles. Sites are generally based on professional critics or have minimum rating systems that largely fail to have user interaction, qualitative comments, and community-based suggestions.

Issues Identified:

- **Scattered Content:** Movie reviews and discussions are dispersed across platforms such as IMDB, Rotten Tomatoes, and various social media channels, making it difficult for users to find consolidated opinions.
- **Lack of Community Features:** Existing review sites emphasize individual critiques but lack robust interaction features like comments, likes, and following mechanisms.
- **Over-reliance on Critics:** Many platforms prioritize professional critics' reviews, underrepresenting the public's voice.
- **Limited User Control:** Users have minimal control over their profiles, reviews, and comments, reducing engagement and ownership.

Proposed Solution – CineLuxe:

To address these gaps, CineLuxe is proposed as an all-in-one web-based platform where users can:

- Register and manage personal profiles.
- Write, edit, and share reviews for any movie.
- Browse movie listings with detailed information such as genre, director, and release year.
- Rate movies on a scale, with options to comment on other users' reviews.

The app creates a sense of community because it enables users to engage with likes, comments, and discussion on film reviews transforming passive watching into interactive participation. Each review and comment is traceable to user activity, promoting transparency and accountability.

Technically speaking, the platform was created using the Model-View-Controller (MVC) architecture to facilitate separation and a seamless development process. In the four main modules User Management, Review Management, Commenting System, and Movie Database it will carry out all CRUD functions. Each module will be developed by a specific team member to ensure accountability and modular development.

Finally, CineLuxe aspires to be a destination website for moviegoers, a place where socializing is abundant, opinions are valued, and finding new films is made easier by others.

Objectives of the System

The CineLuxe platform is designed with the following objectives:

1. Unified Platform:

Provide a centralized space for movie fans to write, read, and discuss reviews.

2. User Interaction:

Enable social features such as commenting, liking, and following other users to foster community engagement.

3. Profile & Content Management:

Offer intuitive tools for users to manage their profiles, reviews, and comments.

4. Secure Access:

Implement role-based permissions to differentiate between regular users and administrators.

5. Complete CRUD Support:

Ensure seamless creation, reading, updating, and deletion of all content types.

Scope of System

1. User Registration and Login

- The system shall encrypt user passwords during registration.
- The system shall manage user sessions securely upon successful login.
- The system shall authenticate users using email and password credentials.

2. Profile Management

- The system shall allow users to update their personal information.
- The system shall allow users to change their account passwords.
- The system shall allow users to delete their accounts.

3. Movie Reviews

- The system shall allow users to create movie reviews with ratings and timestamps.
- The system shall allow users to edit their own reviews.
- The system shall allow users to delete their own reviews.
- The system shall allow users to view reviews posted by others.

4. Commenting System

- The system shall provide users with the ability to post nested comments on reviews.
- The system shall allow users to view threaded discussions for each review.

5. Movie Database Management (Admin)

- The system shall allow administrators to add new movie entries.
- The system shall allow administrators to update existing movie entries.
- The system shall allow administrators to delete movie entries.

6. Search and Browse

- The system shall allow users to filter movies by genre, title, and release year.

7. Role-based Access Control

- The system shall restrict content moderation and user management features to administrators.

Significance of the System

CineLuxe is designed to enrich the movie-watching experience by providing a dynamic, user-centric platform. Its significance lies in the following key aspects:

1. **User Empowerment**

The system shall empower users to actively participate by posting reviews and engaging in meaningful discussions.

2. **Transparency and Trust**

The system shall associate each review with a user account to ensure transparency and accountability.

3. **Community Building**

The system shall provide users with the ability to engage in community-building activities such as commenting, reviewing, and rating.

4. **User Autonomy and Control**

The system shall allow users to create, read, update, and delete their content and personal information.

Individual Module Assignment

1. User Management

Assigned to: Afiq

Responsibilities:

- User registration and login/logout functionality
- Password reset and profile security settings
- View other user profile
- Role-based access control (admin/user)

CRUD Focus:

- Create: Register user
- Read: View profile
- Update: Edit user information
- Delete: Remove account
-

2. Review Management

Assigned to: Syafiq

Responsibilities:

- Write and post detailed movie reviews
- Edit and update reviews
- Delete own reviews
- Browse reviews by movie or user
- View individual review pages with metadata (ratings, timestamps, etc.)

CRUD Focus:

- Create: Submit reviews
- Read: View movie and user reviews
- Update: Edit reviews
- Delete: Remove reviews

3. Movie Database

Assigned to: Ammar

Responsibilities:

- Manage movie entries(title, director, genre, release year, etc.)
- Add new movie and edit existing movie information
- Delete outdated or duplicate entries
- View movie listings and individual detail pages
- Interface with APIs(e.g., TMDb) for metadata enrichment

CRUD Focus:

- Create: Add movie entries
- Read: Browse/search movie listings
- Update: Edit movie details
- Delete: Remove movies

4. Commenting System

Assigned to: Danial

Responsibilities:

- Add comments to movie reviews
- Like or dislike reviews and comments
- Edit and delete own comments
- Display comment threads per review
- Comment reaction

CRUD Focus:

- Create: Post comments
- Read: View comment threads
- Update: Edit comments

- Delete: Remove comments

Class Diagram

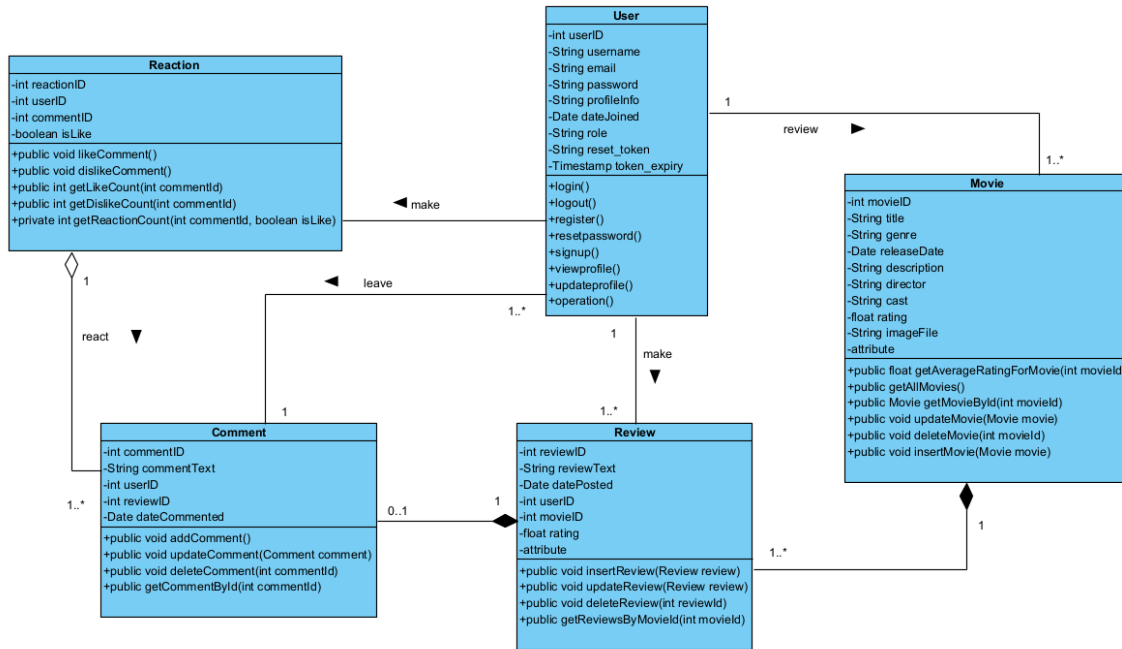
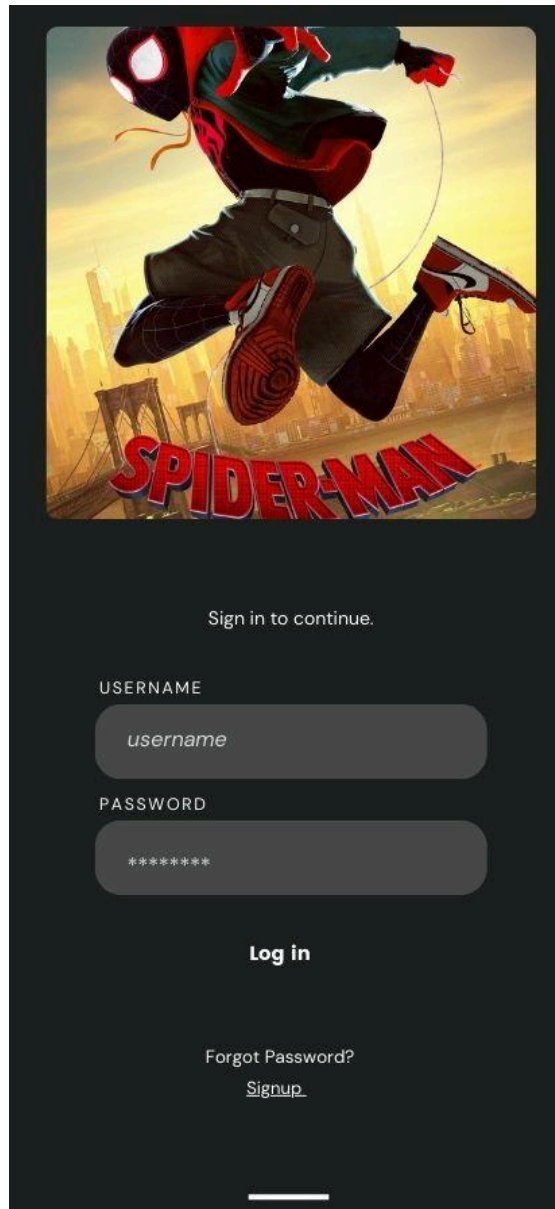


Figure 1: Class Diagram

Wireframe

A wireframe of a login page for a Spider-Man application. The page has a dark background. At the top is a large image of Spider-Man in his red and blue suit, swinging through the air against a city skyline at sunset. Below the image is the text "Sign in to continue." in white. Underneath is a "USERNAME" label followed by a rounded rectangular input field containing the placeholder text "username". Below that is a "PASSWORD" label followed by a rounded rectangular input field containing seven asterisks "*****". A "Log in" button is centered below the password field. At the bottom, there is a "Forgot Password?" link and a "Signup" link, both in white text. A white horizontal line is at the very bottom of the page.

SPIDER-MAN

Sign in to continue.

USERNAME

username


PASSWORD

Log in

Forgot Password?

[Signup](#)

Figure 2: Login Page



A circular back arrow icon is positioned in the top left corner of the hero image.

Create new Account

Already Registered? [Log in here.](#)

USERNAME

EMAIL

PASSWORD

DATE OF BIRTH

Sign up

Figure 3: Login Page

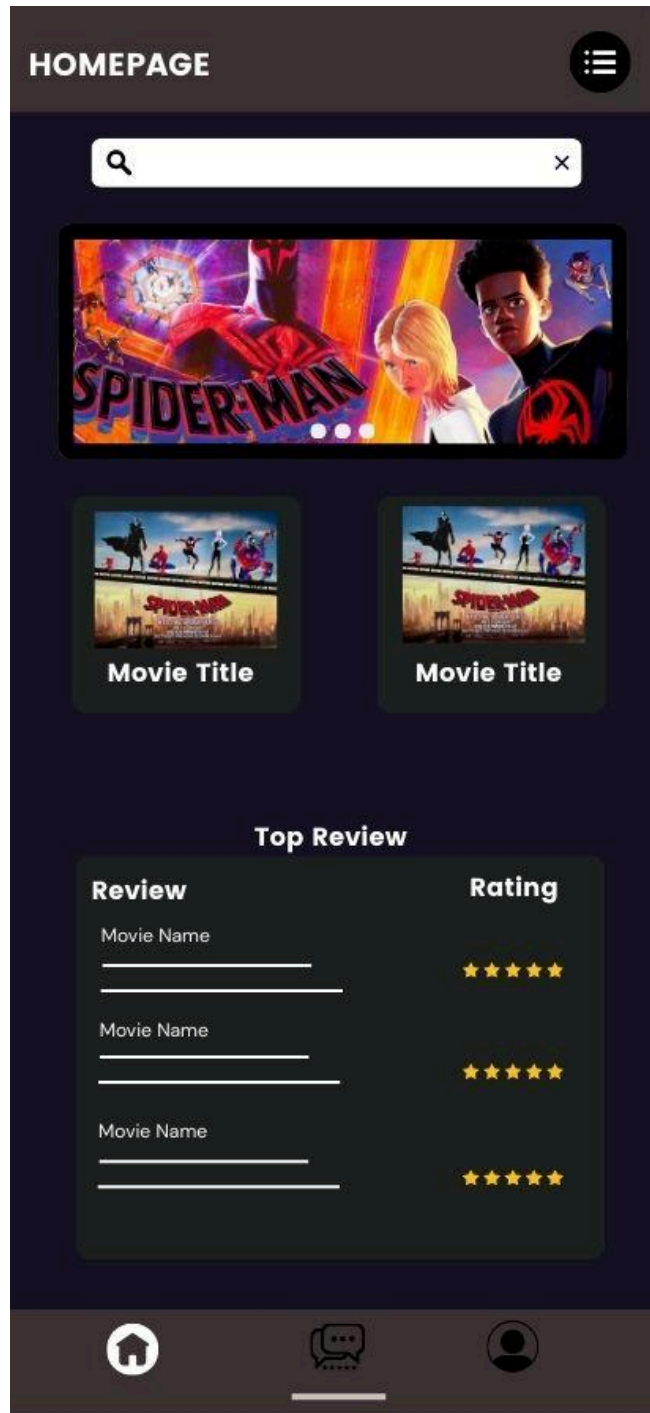



Figure 4: Homepage

Review Page

Movie Title



Genre

Date

Director

Average Review

Review	Rating
Users Review <div></div>	★★★★★
Users Review <div></div>	★★★★★
Users Review <div></div>	★★★★★

Write a Review

Figure 5: Review Page

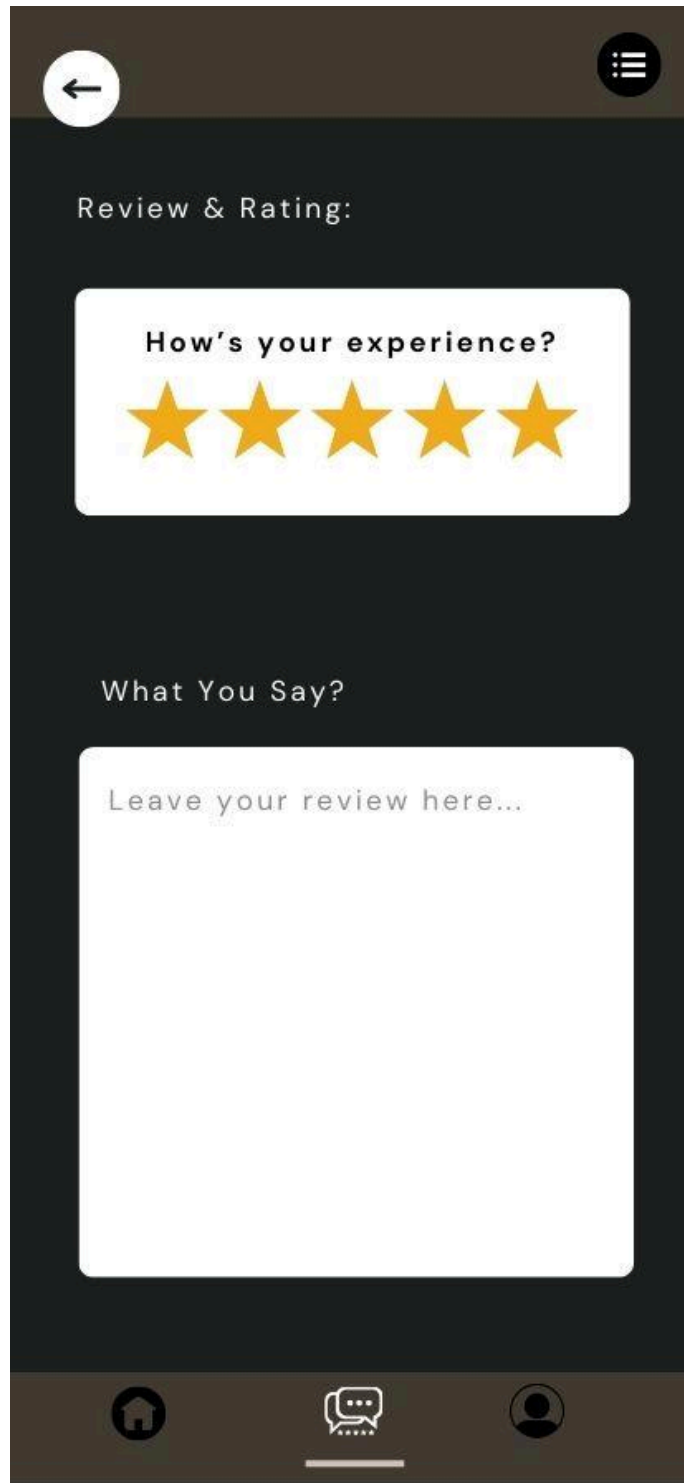


Figure 6: Review Page

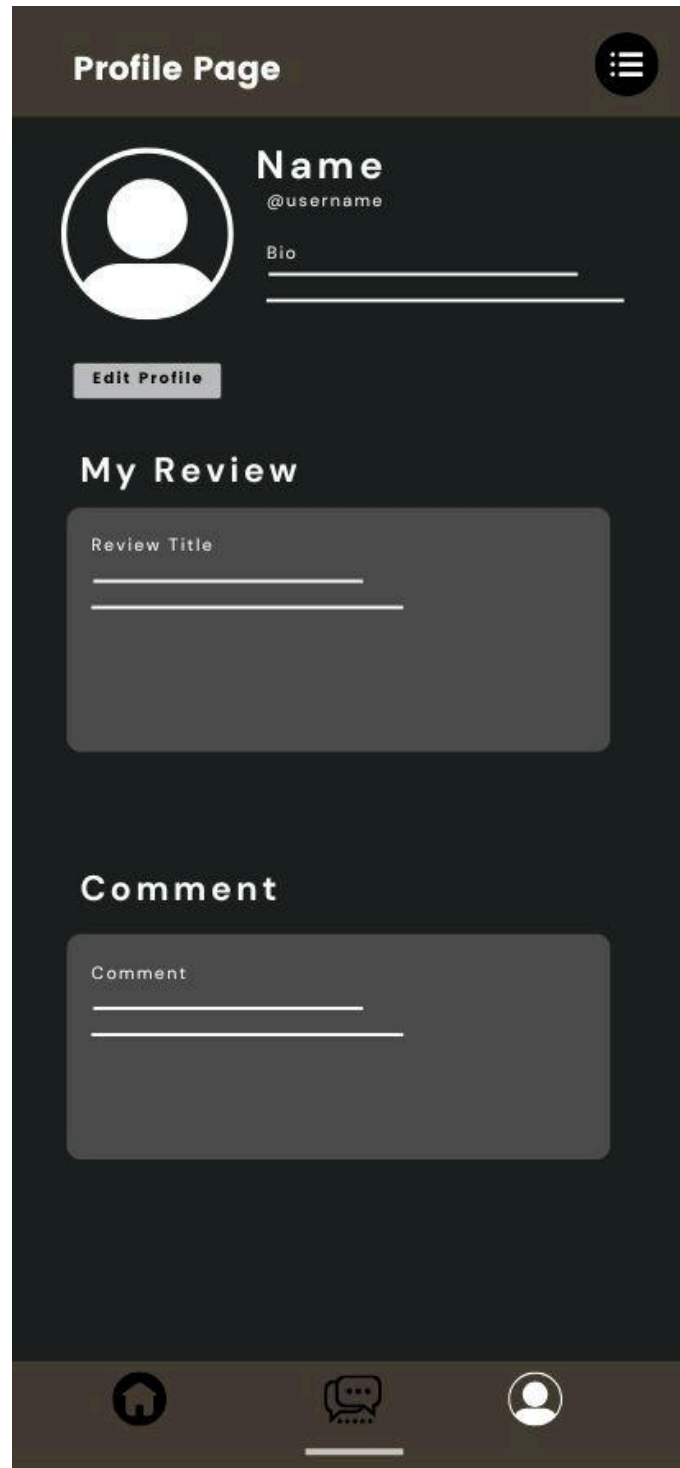


Figure 7: Profile Page

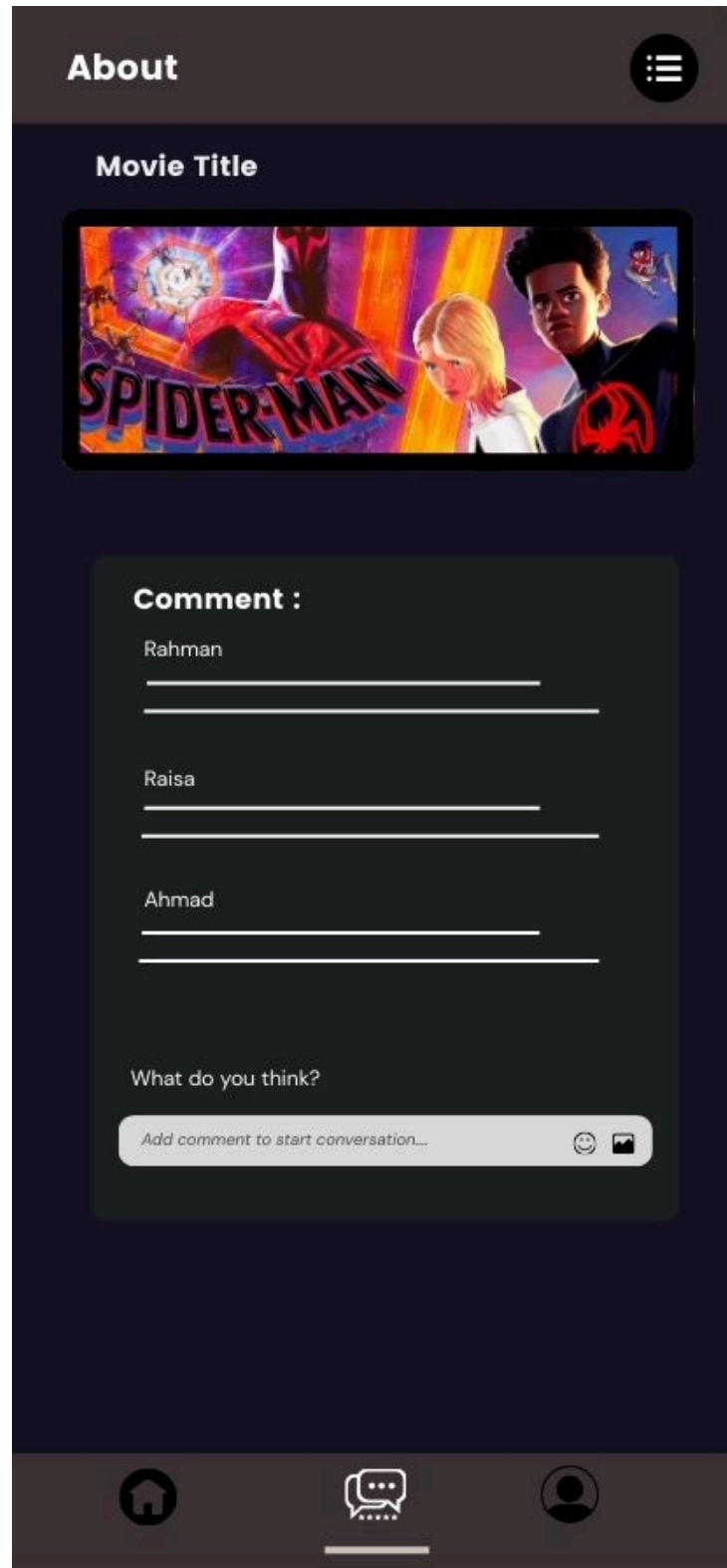


Figure 8: Comment section

Conclusion

CineLuxe offers a modern, consumer-focused solution to the broken world of internet-based movie review websites. By the use of social media capability, personal recommendation, and offering a secure, scalable platform, CineLuxe significantly enhances user engagement and reworks the experience of digital cinema.

The system enables users to write appropriate reviews, interact through comments, and find content relevant to their own interests. It also creates a strong community dynamic through openness and consumer-focused design.

Future Enhancements

1. The system may incorporate an AI-driven recommendation engine to deliver more accurate and personalized movie suggestions.
2. The system may provide users with the ability to engage in real-time chat or messaging to foster live discussions.
3. The system will support the development of a mobile application to ensure cross-device accessibility.

Appendix

1.code:<https://github.com/Salmon2004/MovieReview.git>

2. GUIs

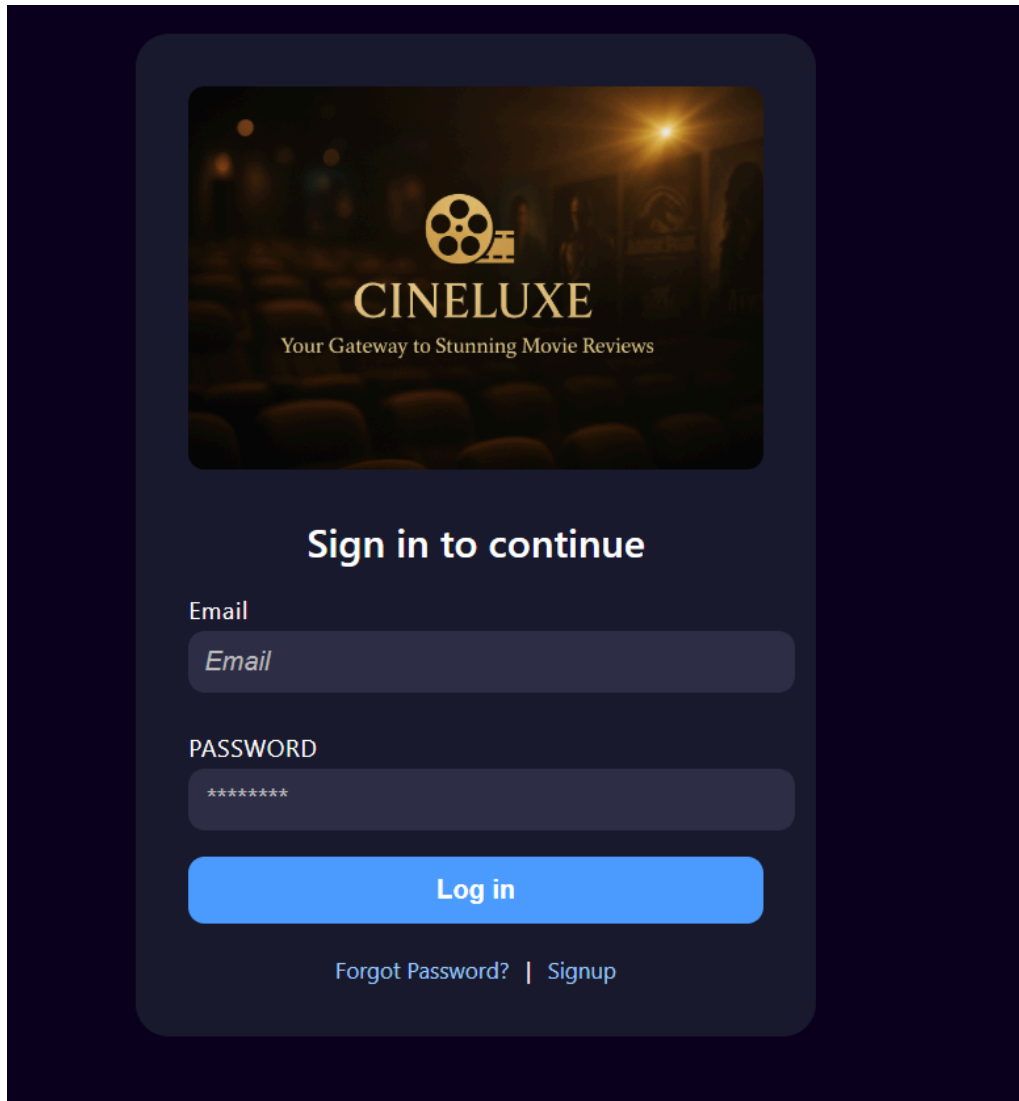


Figure 9 : login page

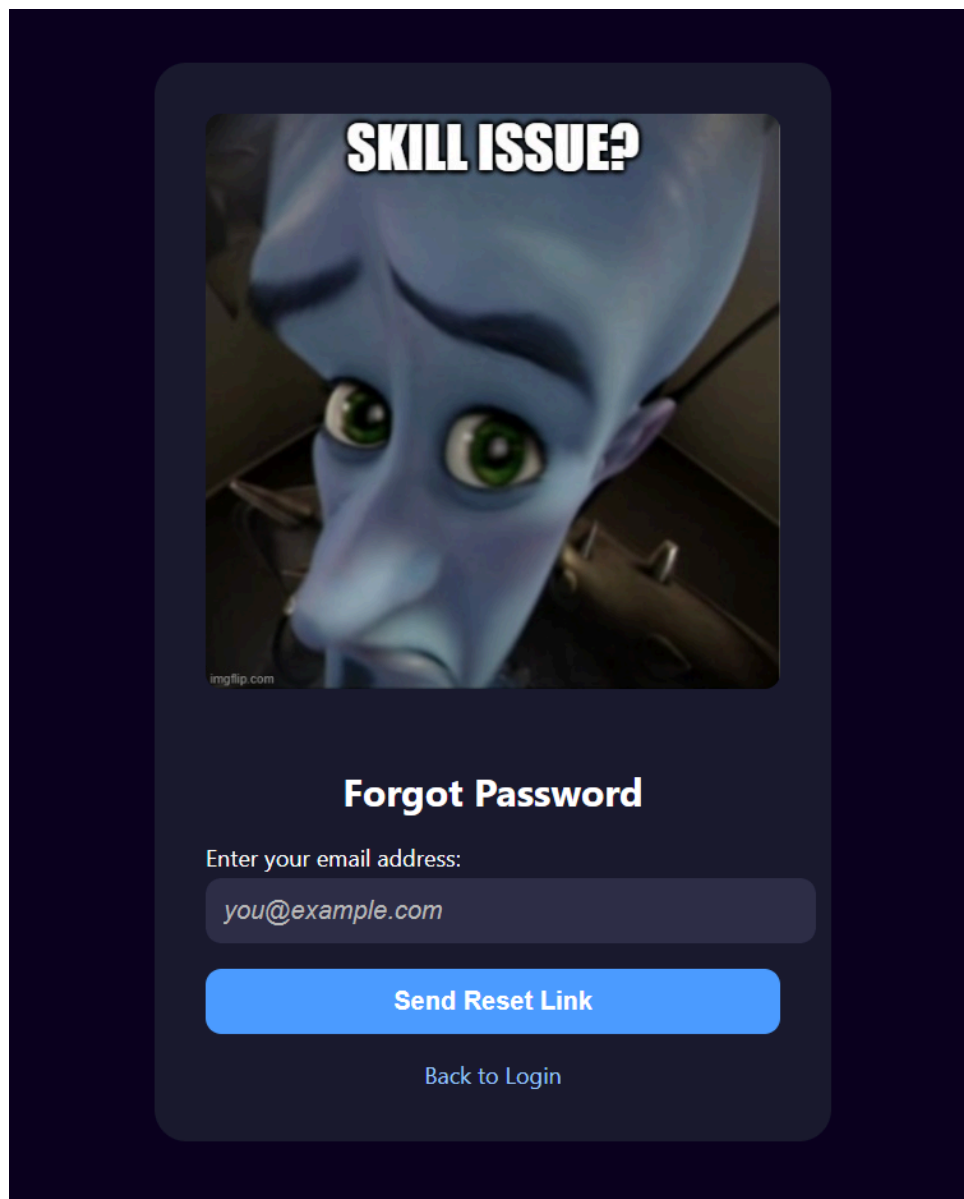



Figure 10 :Forgot password page



Create new Account

Already Registered? [Log in here.](#)


 

Figure 11 : Signup page

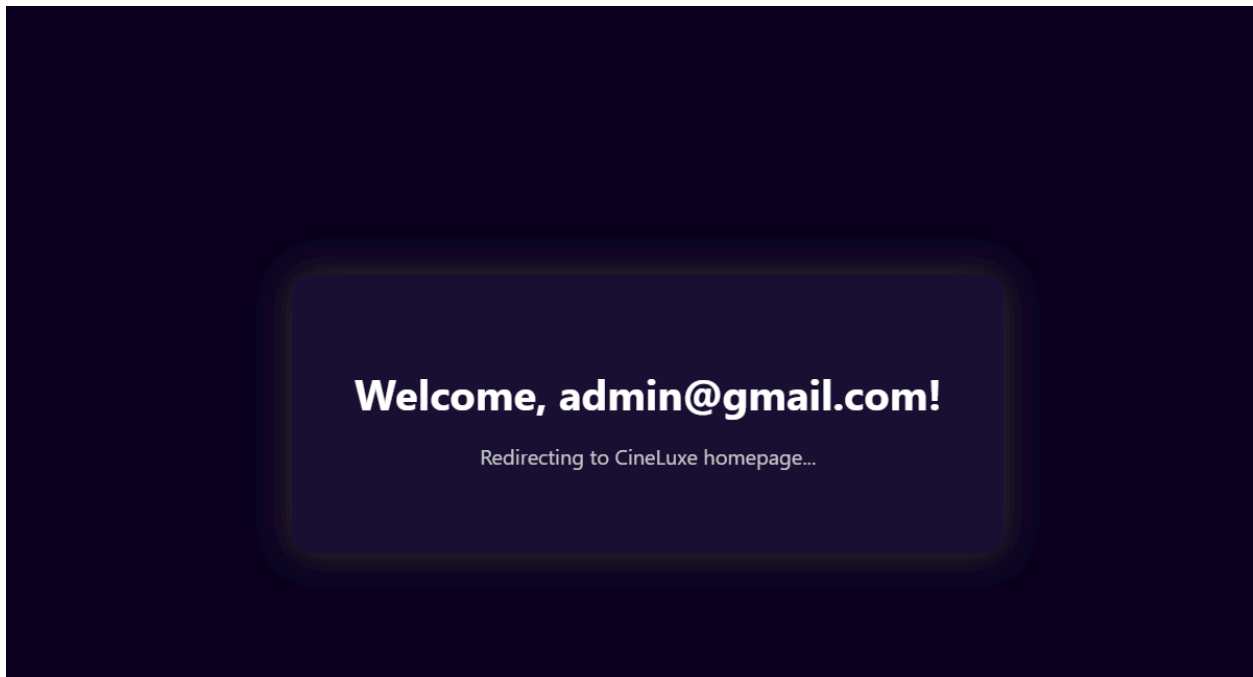


Figure 12 :Welcome page

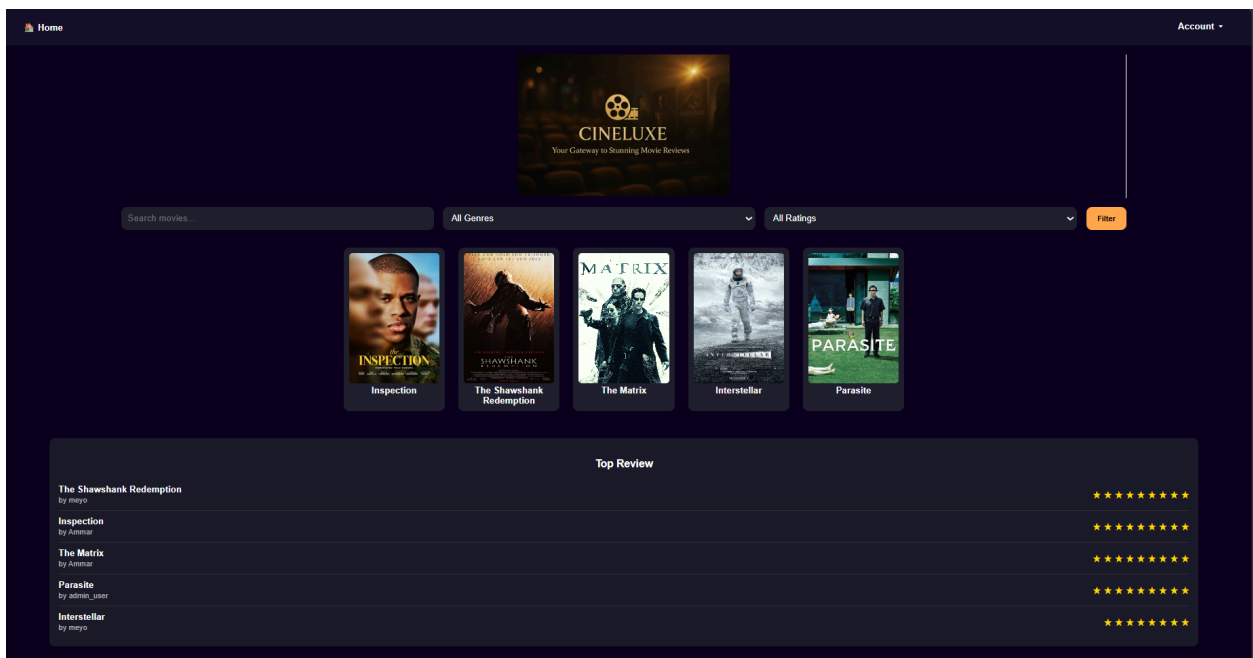


Figure 13 :Homepage

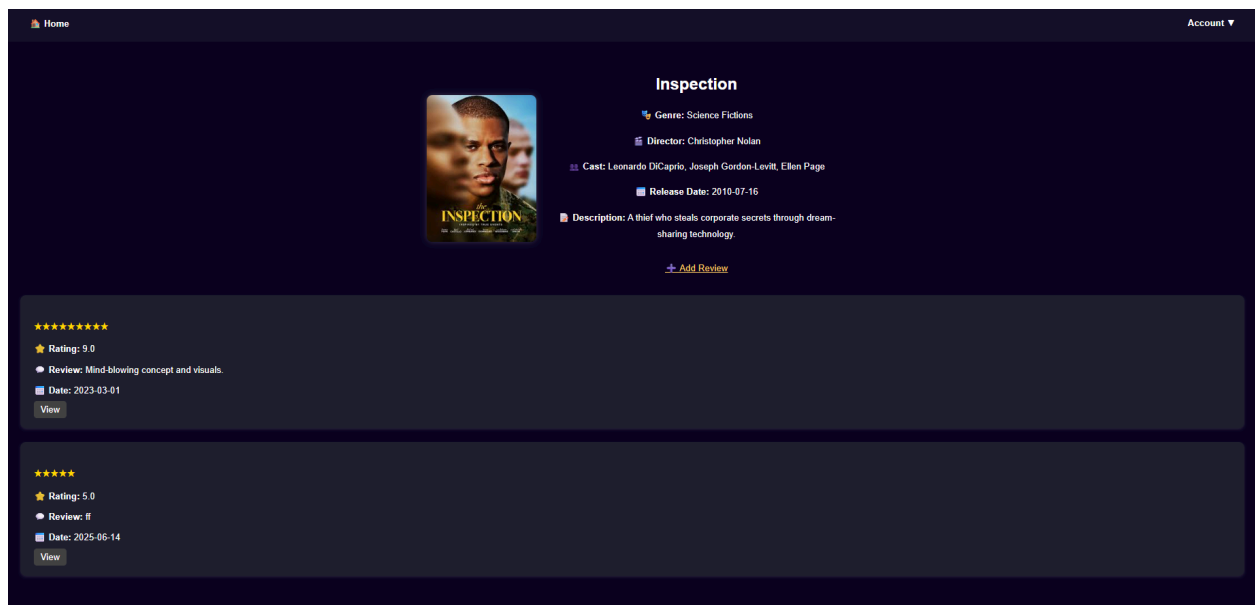


Figure 14 :Review page

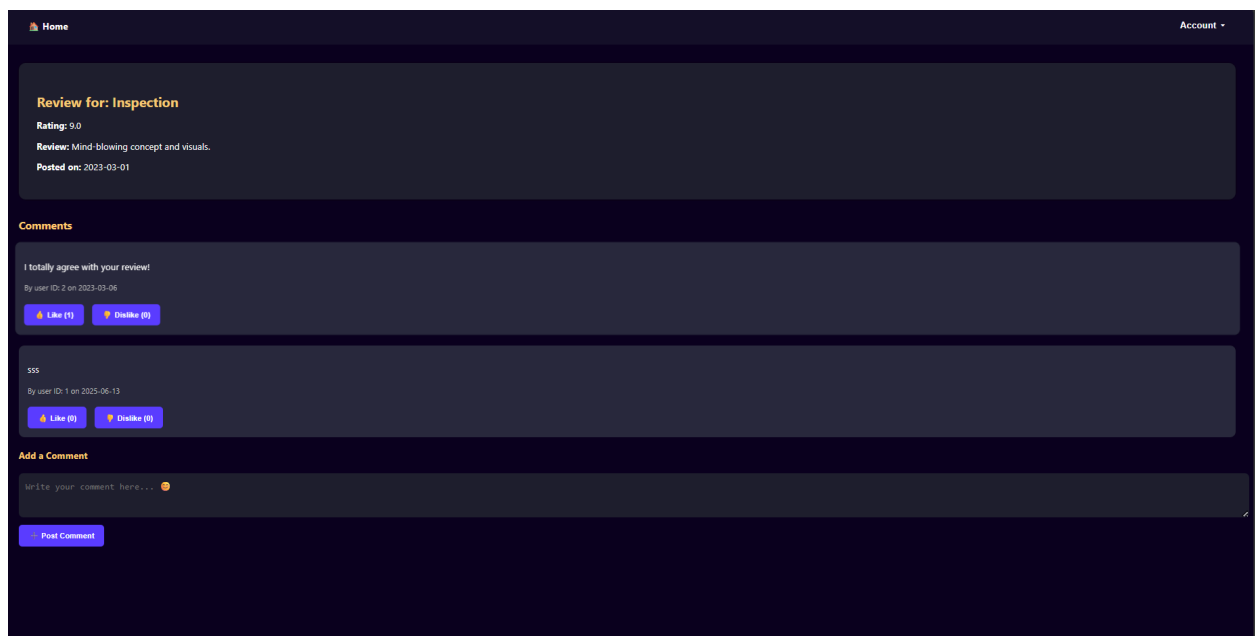


Figure 15 :Comment page

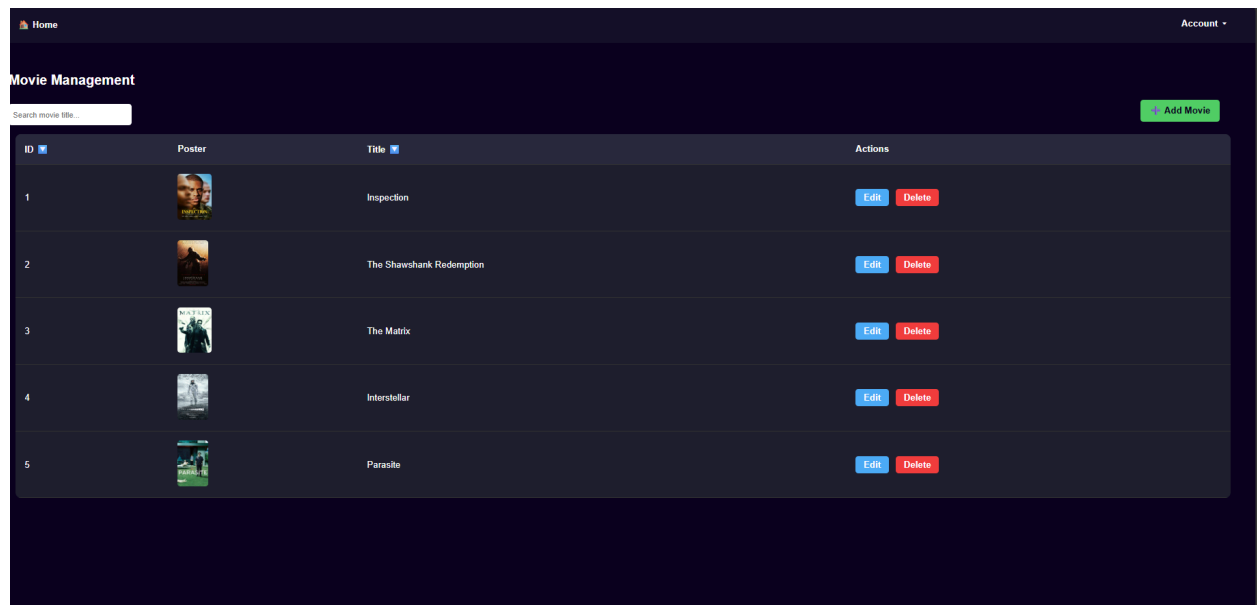


Figure 16 :Management movie page