Phase 3

Title : IBM Cloud Media Streaming

Features

1. Movie Catalog:

- Display a catalog of movies.
- Include relevant details
- Integrate IBM Cloud Video Streaming

2. User Interface:

- Design an intractive and responsive UI for various devices.
- A clean navigation system for an optimal user experience.

3. User Registration:

- Enable users to create accounts on the platform.
- Collect necessary information (username, email, password).
- Implement email verification for account activation.

4. Authentication:

- Provide options for password recovery and account management.
- Ensure data encryption for user credentials.
- Implement chat features for real-time .

5. Personalization:

- Allow users to create and manage playlists.
- Implemented personalized movie suggestions.
- Provide a rating system for users to share feedback.

Implementation Plan

1. Movie Catalog and Streaming Integration:

- Utilize IBM Cloud Video Streaming API for movie catalog management.
- Integrate video playback functionality using IBM Cloud services.
- To ensure a smooth viewing experience.

2. User Interface Design:

- Implement responsive design using HTML, CSS, and JavaScript.
- Conduct usability testing for feedback and improvements.

3. User Registration and Authentication:

- Set up a secure database to store user information.
- Implement user registration and login endpoints.
- Integrate authentication middleware to secure routes.

4. Personalization and Recommendation:

- Develop algorithms for personalized movie recommendations.
- Implement playlist management functionality.
- Test recommendation accuracy and user playlist features.
- Include technologies and frameworks used.

4. Testing:

- Outline the testing procedures conducted for each feature.
- Include any testing frameworks or tools used.