

FUNCTIONAL REQUIREMENTS DOCUMENT

FUNCTIONALITY DESCRIPTION:

1. Function 1: User Account Management

➤ Description:

- This functionality enables users to securely authenticate themselves into the Cinema Time system, ensuring access to its features and update their account.

➤ Features:

- **User Registration:** Users can create accounts by providing necessary information such as username, email, and password.
- **Login:** Registered users can securely log into the system using their credentials.
- **Profile Management:**
 - Users can update their profile information, including name, email, password and gender, through a user-friendly interface.

➤ Dependencies:

- **database Management System:** Integration with a secure database is critical for storing user credentials, preferences, and other relevant information securely.
- **Encryption Mechanism:** Utilizes encryption techniques to protect user passwords and sensitive data during storage and transmission, ensuring data security and privacy.

2. Function 2: Content Management

➤ Description:

- This functionality involves managing and organizing movie-related content within the Cinema Time system, allowing users to discover, view, and interact with a wide range of movies, anime, and TV shows.

➤ Features:

- **Content Discovery:** Users can explore a vast collection of movies, anime, and TV shows categorized by user ratings facilitating easy content discovery.
- **Watchlist Management:** Users can create and manage personalized watchlists, adding their favorite movies, anime, or TV shows for future viewing.
- **Content Details:** Users can view detailed information about each movie, anime, or TV show, trailers, and user reviews.

➤ **Dependencies:**

- **Data Storage:** Utilizes a robust data storage solution to store and manage a vast collection of movie-related content efficiently.
- **Content Retrieval Mechanism:** Implements efficient mechanisms for retrieving and displaying content based on user queries and preferences, ensuring a seamless user experience.

3. Requirements Prioritization and Dependencies:

➤ **User Authentication:**

- ❖ **Priority:** High
- ❖ **Dependencies:**

- Database Management System: Critical
- Encryption Mechanism: Critical

➤ **Content Management:**

- ❖ **Priority:** Medium
- ❖ **Dependencies:**

- Data Storage: Critical
- Content Retrieval Mechanism: High