* **Specifications:**

**Specifications for the Application of Films**

**1. Introduction**

**1.1 Objective**

The goal of this app is to allow users to search, view details, mark as favorite, and interact with a list of movies. The app will also include a login system for users.

**1.2 Scope**

The app will be developed as a web-based app, allowing access from different browsers. The main features include searching for movies, viewing details, managing favorites, and a login system.

* **2. Main features**

**2.1 Authentification**

The ability for users to sign up or log in.

User session management.

**2.2 List of Films**

Display a list of movies with basic information (title, poster).

Ability to search for movies by title.

**2.3 Film Details**

View full details of a selected film (synopsis, cast, year of release, etc.).

Button to add/remove movie from favorites.

**2.4 Favorites**

Manage a list of movies marked as favorites by the user.

Ability to view the list of favorite movies.

**3. Design and User Experience**

3.1 User Interface

User-friendly and aesthetically pleasing user interface.

Responsive layout for a smooth user experience on different devices.

3.2 Navigation

Navigation bar for easy access to the different sections of the app.

**4. Technologies Used**

Frontend: HTML, CSS, JavaScript (frameworks such as React or Angular can be considered).

Backend: Node.js, Express.js (or equivalent), database to store user and movie information.

Database: MongoDB, MySQL, or equivalent.

**5. Security**

Protection against CSRF and XSS attacks.

Secure storage of user credentials.

**6. Performances**

Performance optimization to ensure a fast user experience.

**7. Testing**

Unit testing and integration testing to ensure application stability