**# 🎬 Cinema Management System**

A full-stack web application for managing **\*\*movies, members, and their subscriptions\*\***.

Built as a **\*\*final project\*\*** using **\*\*React\*\*** for the front end, **\*\*Node.js/Express\*\*** for the back end, and **\*\*MongoDB\*\*** as the database.

The platform allows authenticated users to browse and manage movies, maintain member records, track watched movies, and create or update subscriptions — all from a clean, responsive interface.

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**## 🚀 Features**

**### 🔐 Authentication**

- Secure login with **\*\*username & password\*\***

- Error handling for failed login attempts

- Persistent display of the logged-in user’s name across all pages

**### 🎬 Movies Management**

- **\*\*All Movies page\*\***: list all movies with name, year, poster image, genres, and members who watched them

- **\*\*Search movies\*\*** by name

- **\*\*Edit / Delete movies\*\*** (deletion also removes related subscription entries)

- **\*\*Add Movie page\*\***: create new movies with name, year, genres, and image URL

- **\*\*Edit Movie page\*\***: update movie details and save changes

**### 🎟️ Subscriptions Management**

- **\*\*All Members page\*\***: view all members, their email, city, and movies watched

- View movies watched by each member (clickable links filter the Movies page)

- **\*\*Add Member page\*\*** (restricted to authorized users)

- Subscribe a member to a new movie with a selected date

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**## 🗂️ Data Model**

**\*\*Users\*\***

- `id`

- `fullName`

- `username`

- `password`

**\*\*Movies\*\***

- `id`

- `name`

- `yearPremiered`

- `genres` (array of strings)

- `imageUrl`

**\*\*Members\*\***

- `id`

- `email`

- `city`

**\*\*Subscriptions\*\***

- `id`

- `movieId`

- `memberId`

- `date` (date watched)

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**## 🛠️ Tech Stack**

- **\*\*Frontend\*\***: React, React Router, CSS Modules / Styled Components

- **\*\*Backend\*\***: Node.js, Express.js

- **\*\*Database\*\***: MongoDB with Mongoose ORM (or SQL Server alternative)

- **\*\*Authentication\*\***: JWT-based login system

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**## 👤 Default Admin Login**

- username: admin

- password: admin1234