

Flixverse: Movie & Series Recommendation Platform

Done By:

Abdelrahman Yaser Abdelrahim

Hazem Saad Bayoumi

Katrean Adel Napil

Mostafa Ahmed Mohamed

1. Introduction

- **Purpose:** Recommend movies/series based on genres, popularity, and user preferences.
- **Target Audience:** Movie enthusiasts seeking personalized recommendations.
- **Overview:**
 - Browse movies/series by genre or trending/popular categories.
 - Save favorites to "My List" and view detailed information.
 - User authentication for personalized experiences.

2. Key Features

- **Genre-Based Recommendations:** Action, Adventure, Comedy, etc.
- **Trending/Popular Sections:** Real-time updates via TMDB API.
- **My List:** Persistently saved using localStorage.
- **Details Page:** Cast info, trailers, and dynamic "Add to List" functionality.
- **Responsive UI:** Clean design with Bootstrap and custom styling.

3. Technical Stack

- **Frontend:** React, React Router, Bootstrap, Axios.
- **State Management:** React Hooks (useState, useEffect), localStorage.
- **API Integration:** TMDB API for movie data and trailers.

Member	Responsibilities
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Abdelrahman Yaser	App.jsx, Home.jsx, Navbar.jsx, Login/Register, DetailsPage.jsx, Core UI Logic.
Hazem Saad Bayoumi	Movies.jsx, MovieFetcher.jsx: Movie grid and API data handling.
Katrean Adel Napil	UserList.jsx: My List display, removal functionality.
Mostafa Ahmed Mohamed	PopularFetcher.jsx, Trending.jsx: Fetching and displaying trending content.

4. Team Roles

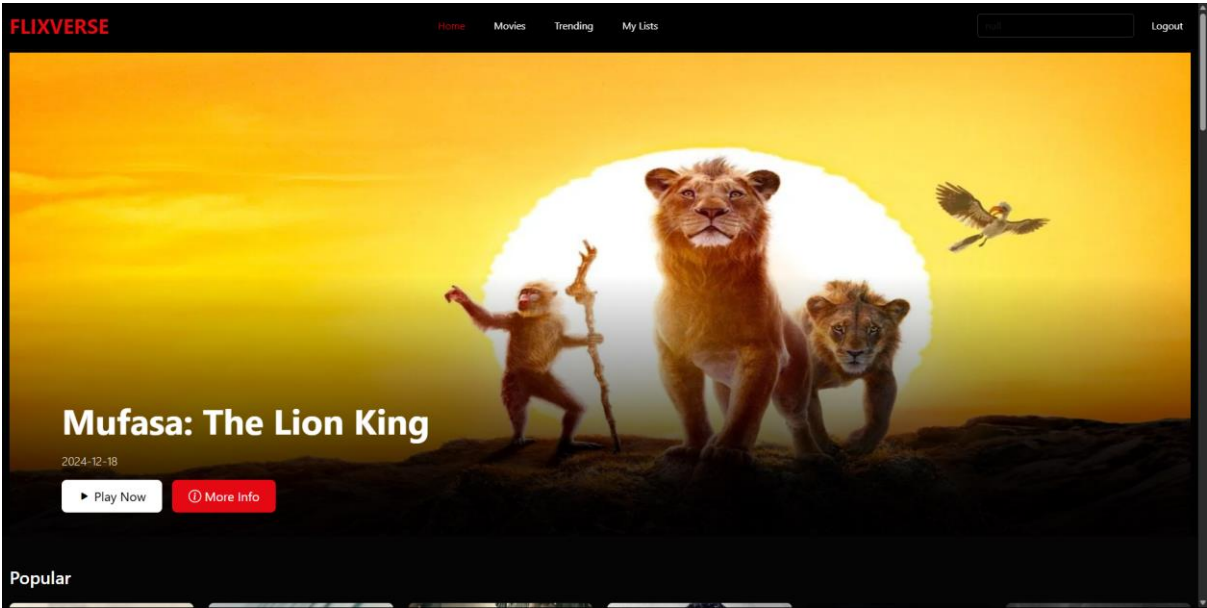
5. Setup Instructions

```
git clone [your-repo-url]
npm install
npm run dev
```

Note: The TMDB API key is pre-configured in the code.

6. Screenshots:

Home Page:



Popular



Romance



Movies Page:

FLIXVERSE

[Home](#)[Movies](#)[Trending](#)[My Lists](#)

Logout

In the Lost Lands

2025

▶ Play Now

ⓘ More Info

All Movies

WARFARE

LAST BULLET

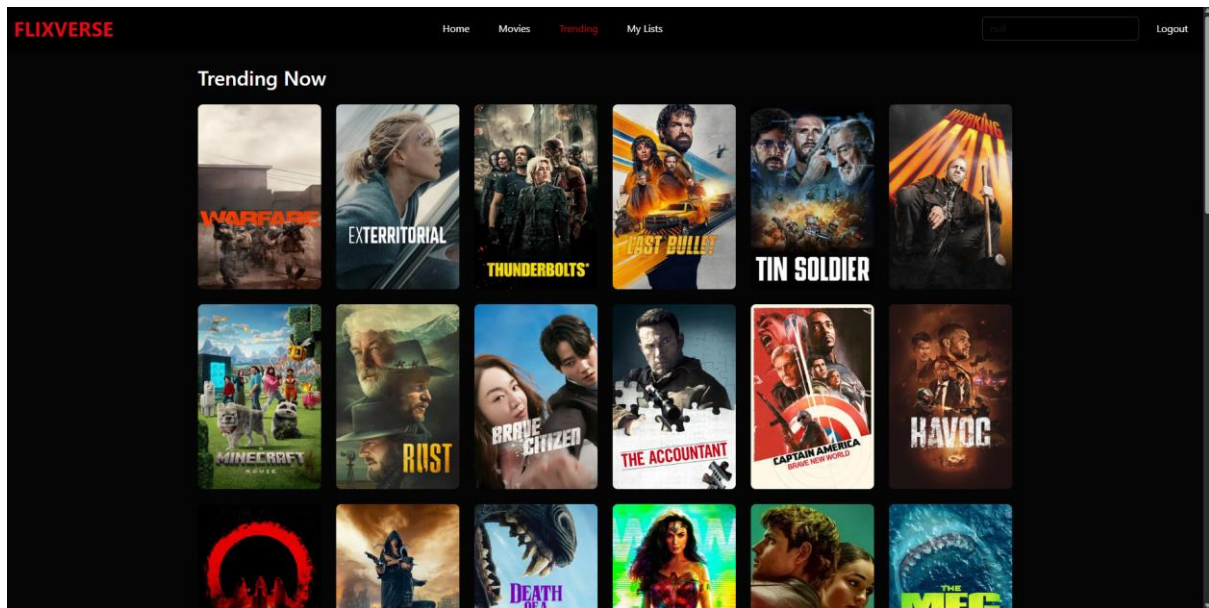
THUNDERBOLTS

EXTERRITORIAL

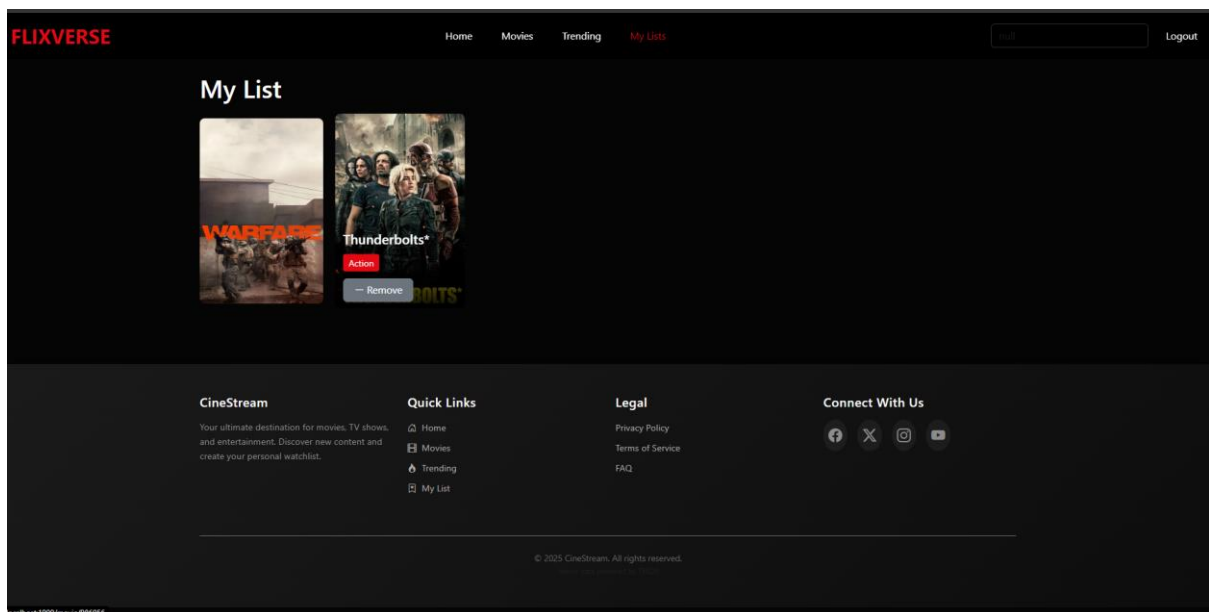
TIN SOLDIER

HOPKINS

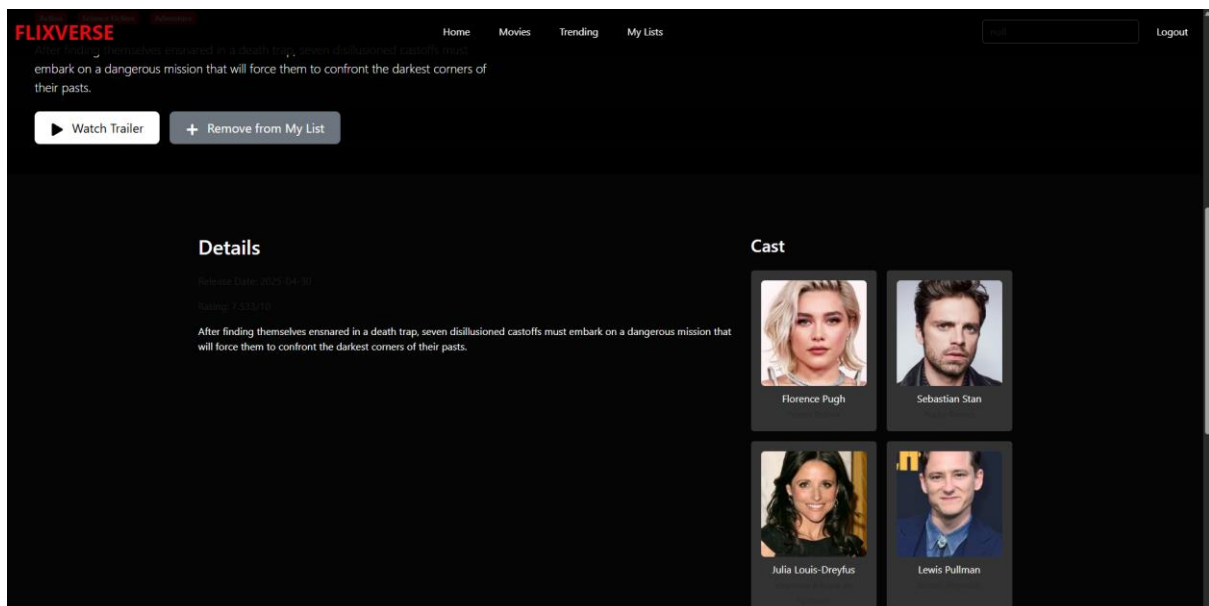
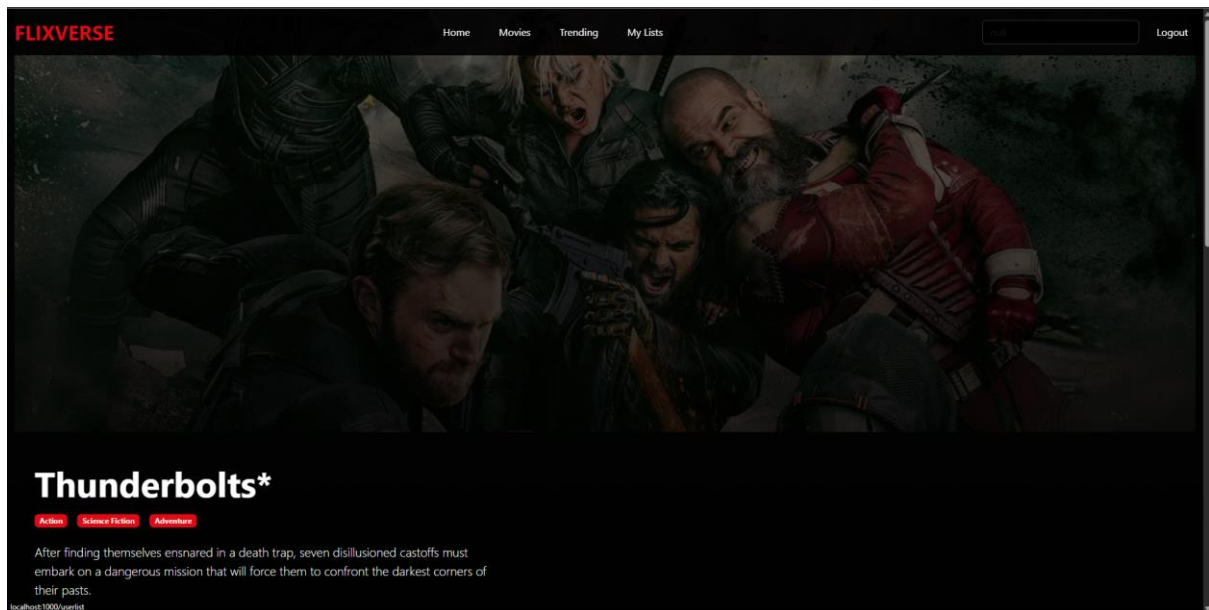
Trending:



My List:



Details Page:



7. Challenges & Solutions

- **API Rate Limits:** Cached data to minimize requests.
- **State Persistence:** Used localStorage for "My List" across sessions.
- **Dynamic Routing:** React Router for details pages (/:mediaType/:id).
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