Final Project: CineLog

A simple web app where users can log, rate, and review movies.

User Requirements

Home Page

- Display a grid of movies with:
  - Title, year, poster.
  - Button to **View Details**.

- Search bar to find movies by title.
- Filter by genre (dropdown).

Movie Detail Page

- Show movie details: title, year, genre, actors, description, and poster.
- Show other user reviews, and the current user review if it has one.
- Actions:

  - Rate the movie (1–5 stars). (0 stars is not valid)
  - Leave a short text review. (validate is longer than 20 char)
  - Add tags (e.g. Netflix, Prime, Movie Theater)
  - Add a movie to **Watched** list or **Watchlist**.

User Profile Page

- Display logged-in user’s:
  - **Watchlist** (movies to watch).
  - **Watched Movies** with ratings and reviews.
  - Show basic profile stats (e.g., total movies watched, average rating given).
- Ability to edit or remove ratings and reviews.
- Remove movies from Watchlist

Login System (Mock)

- Simple login form with email (no backend).
- Store user data in `UserContext`.
- Navbar updates with user’s name after login.

- You can only add reviews or movies to the watch list if logged in. You can view movie info/dashboard when not logged in.

Persistence

- Use **localStorage (or indexedDB)** to keep data (watchlist, watched movies, ratings, reviews) across sessions.

Admin Requirements

Admin Role

- Admin login (`admin@cinelog.com`).
- Access a protected route `/admin`.

Admin Dashboard

- **Movie Management**:
  - View list of all movies.
  - Add new movies (form).
  - Edit movie details (title, year, genre, description, poster, cast).
  - Delete movies.
- **Review Management**:
  - View all reviews from users.
  - Filter reviews by user or movie

Bonus

- Mobile friendly
- Use indexedDB to make it functional offline as read only

Unit Tests

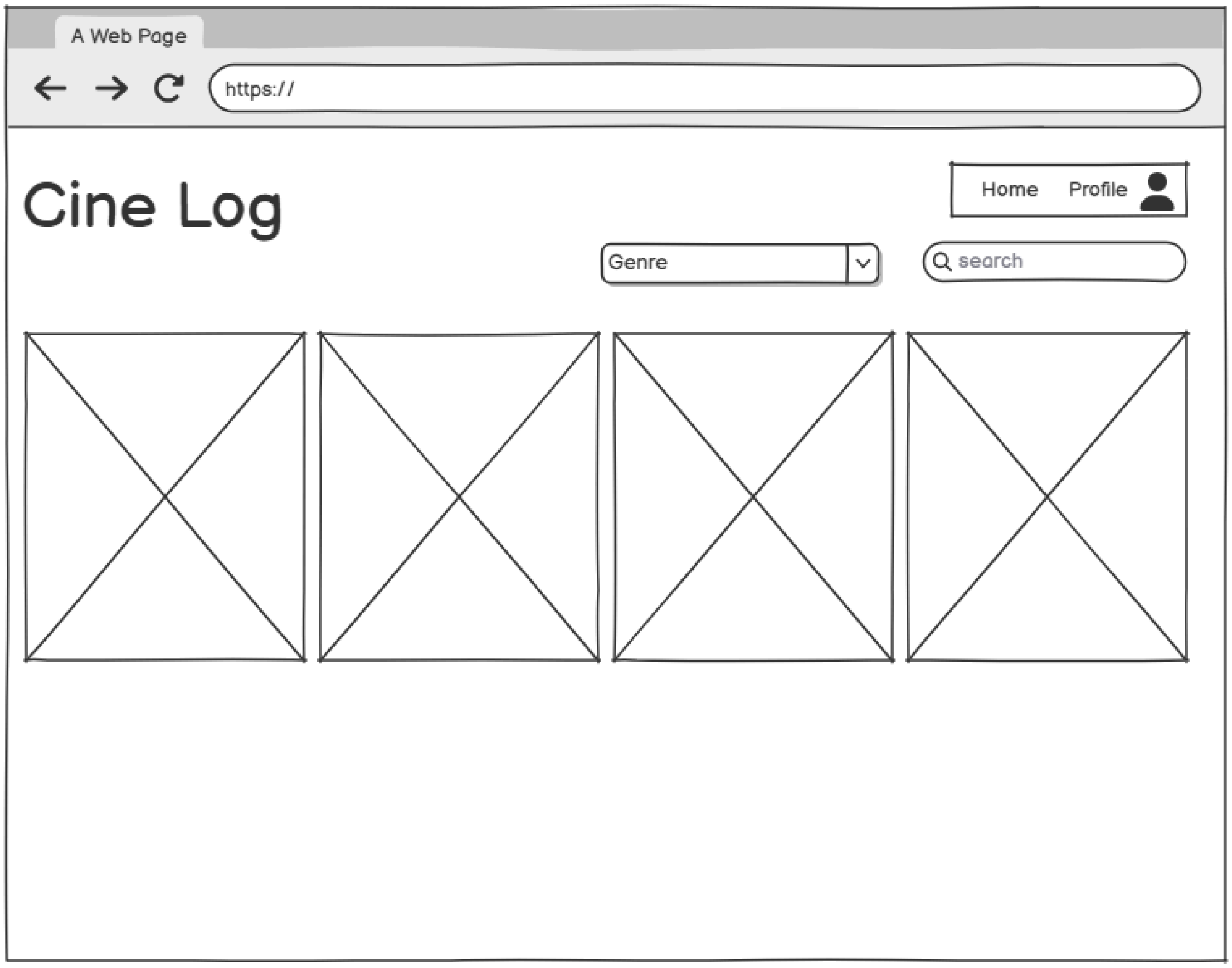
Use React Testing Library to write at least 3–4 tests. Example ideas:

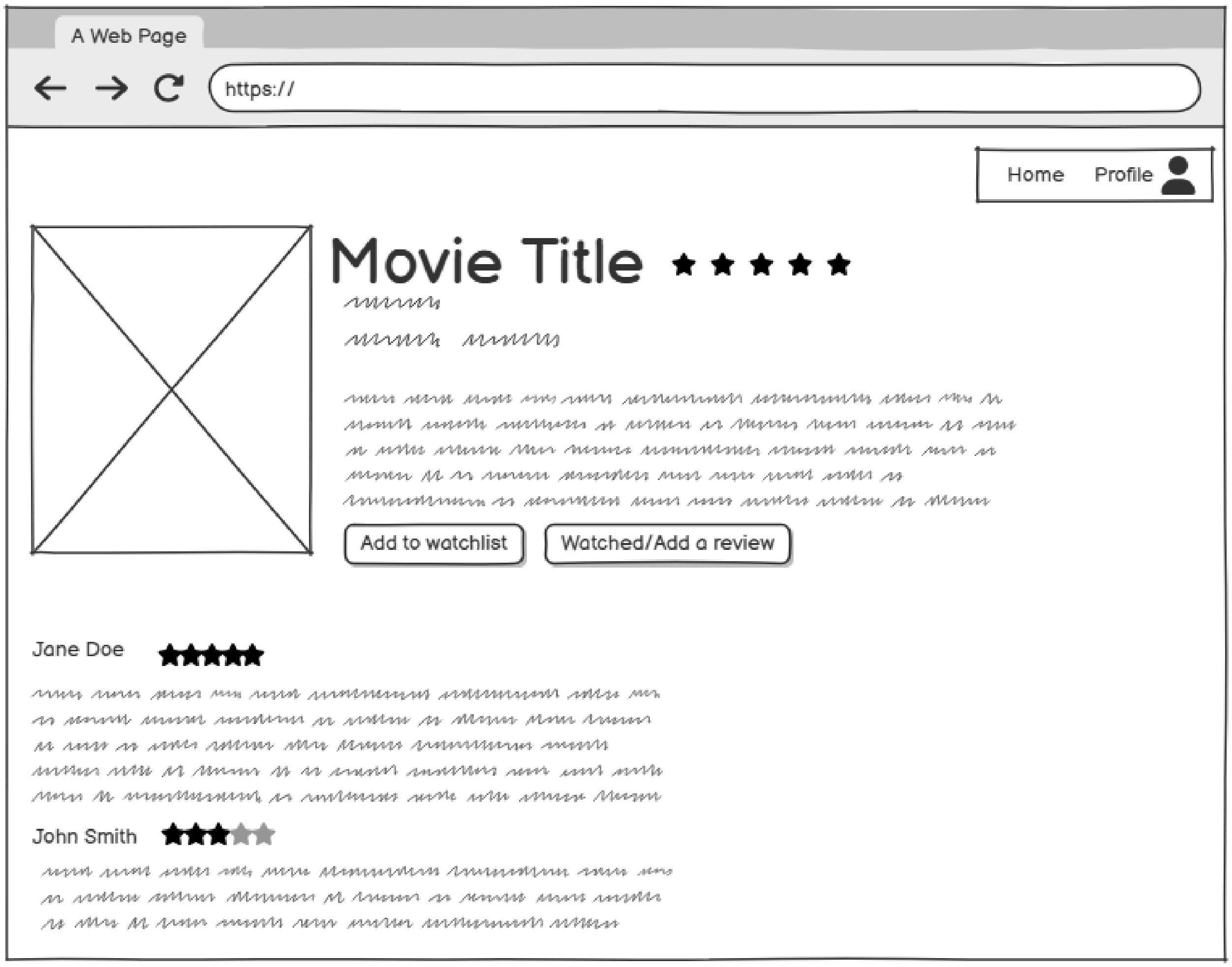
- **MovieCard**: renders movie title, year, and “View Details” button.
- **UserContext**: handles adding/removing movies from watchlist.

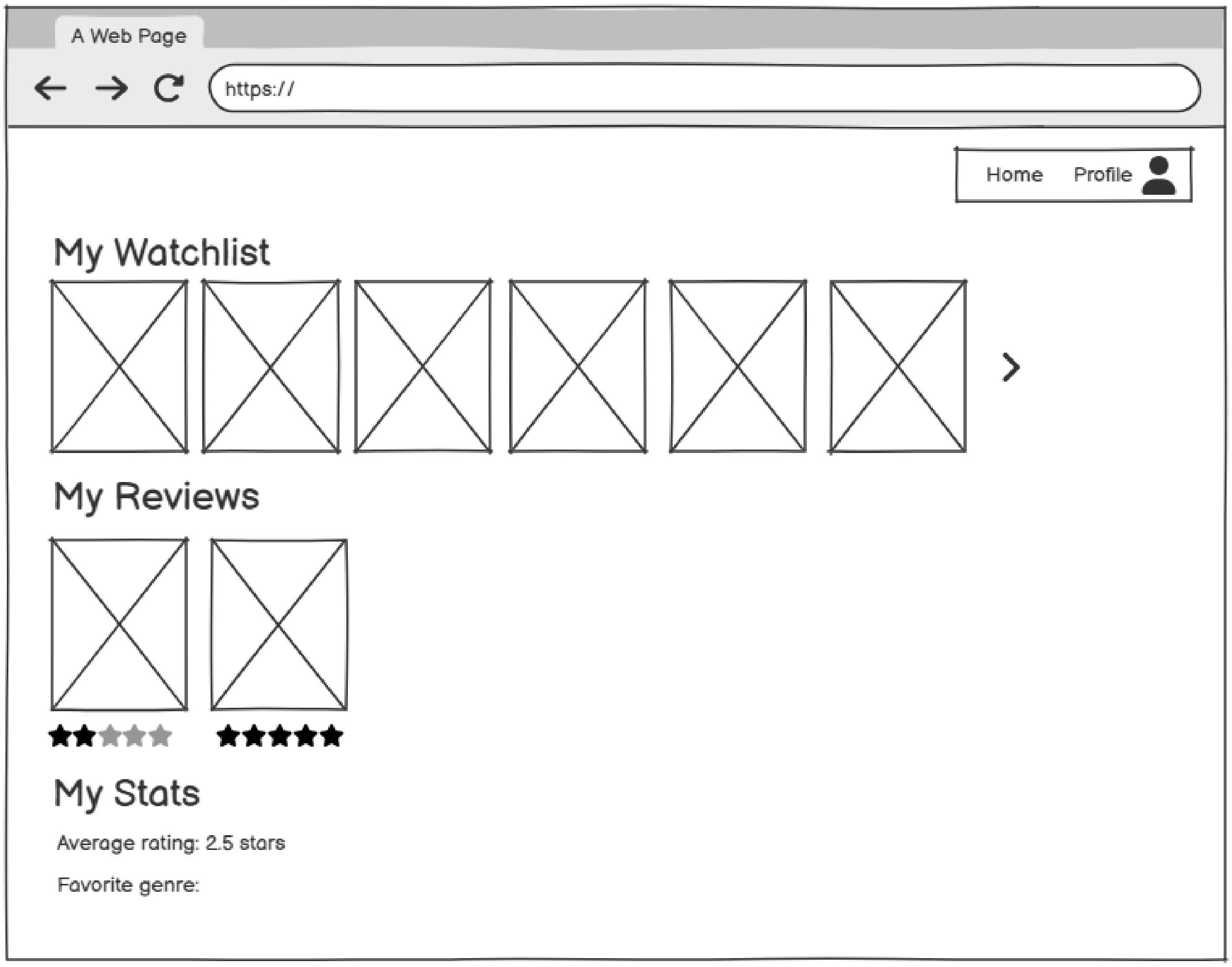
- **MovieDetailPage**: rating and review update correctly.
- **AdminDashboard**: movie table renders, edit/delete work.

Technical Guidelines

- Use **React** for the frontend.
- Use **React Router** for navigation.
- Use **Context API** (or Redux if preferred) for global state.
- Use **localStorage(or indexedDB)** for persistence.
- No real backend required (all data mocked or hardcoded).




A Web Page
https://
Home
Profile
Movie Title
Add to watchlist
Watched/Add a review
Jane Doe
John Smith



My Watchlist

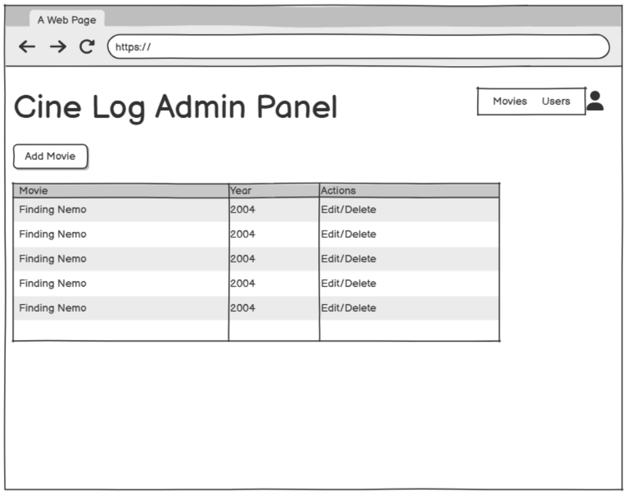
My Reviews

★★☆☆☆ ★★★★★

My Stats

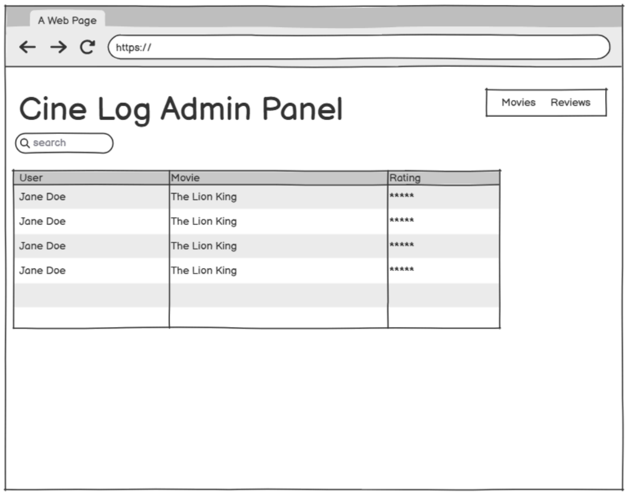
Average rating: 2.5 stars

Favorite genre:



Cine Log Admin Panel

Movie	Year	Actions
Finding Nemo	2004	Edit/Delete
Finding Nemo	2004	Edit/Delete
Finding Nemo	2004	Edit/Delete
Finding Nemo	2004	Edit/Delete
Finding Nemo	2004	Edit/Delete



Cine Log Admin Panel

User	Movie	Rating
Jane Doe	The Lion King	*****
Jane Doe	The Lion King	*****
Jane Doe	The Lion King	*****
Jane Doe	The Lion King	*****