

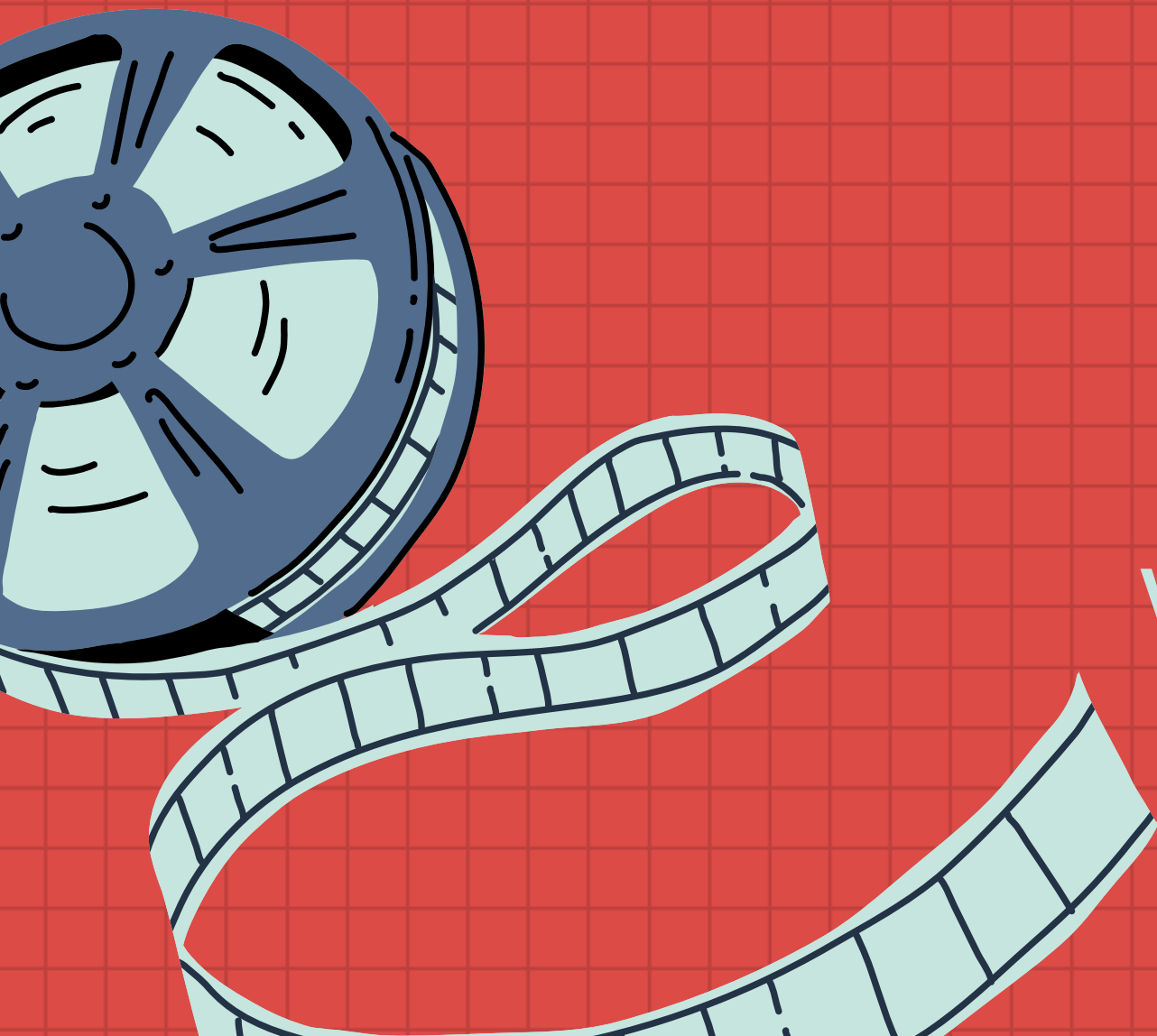
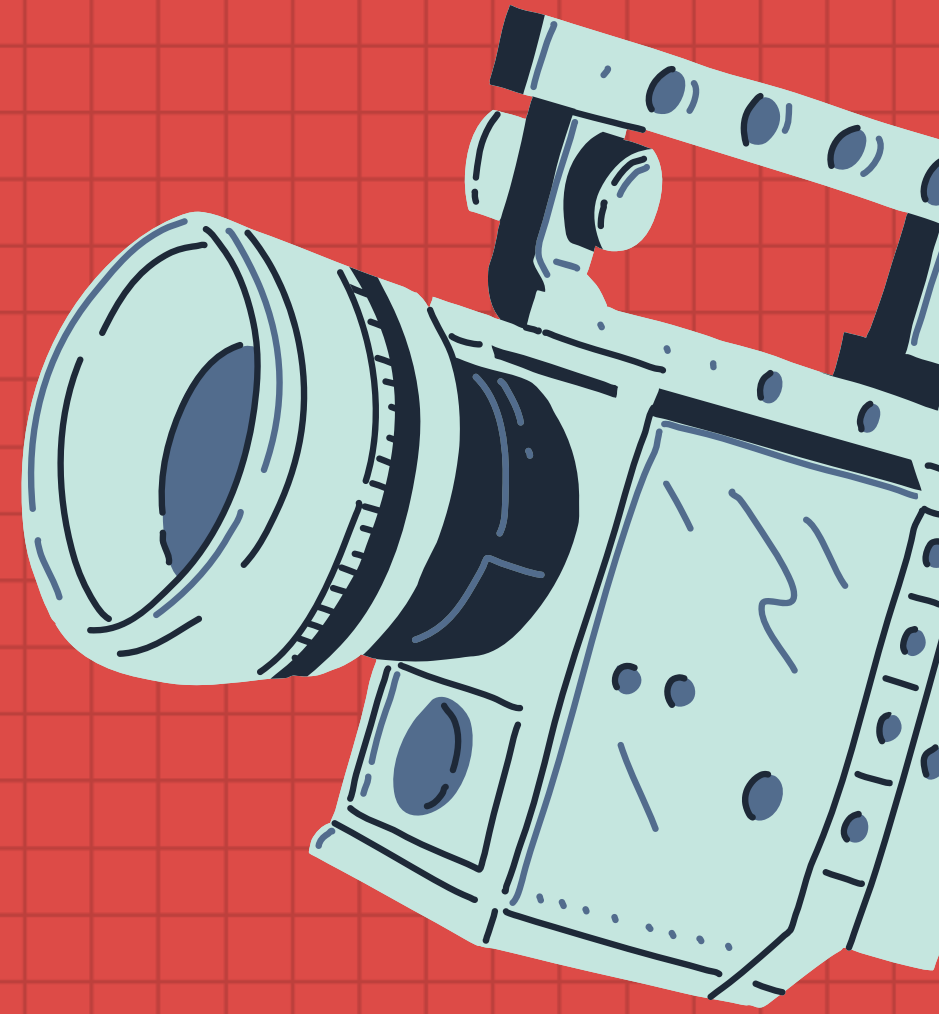


React Web Development , DEPI

# Movies App Project

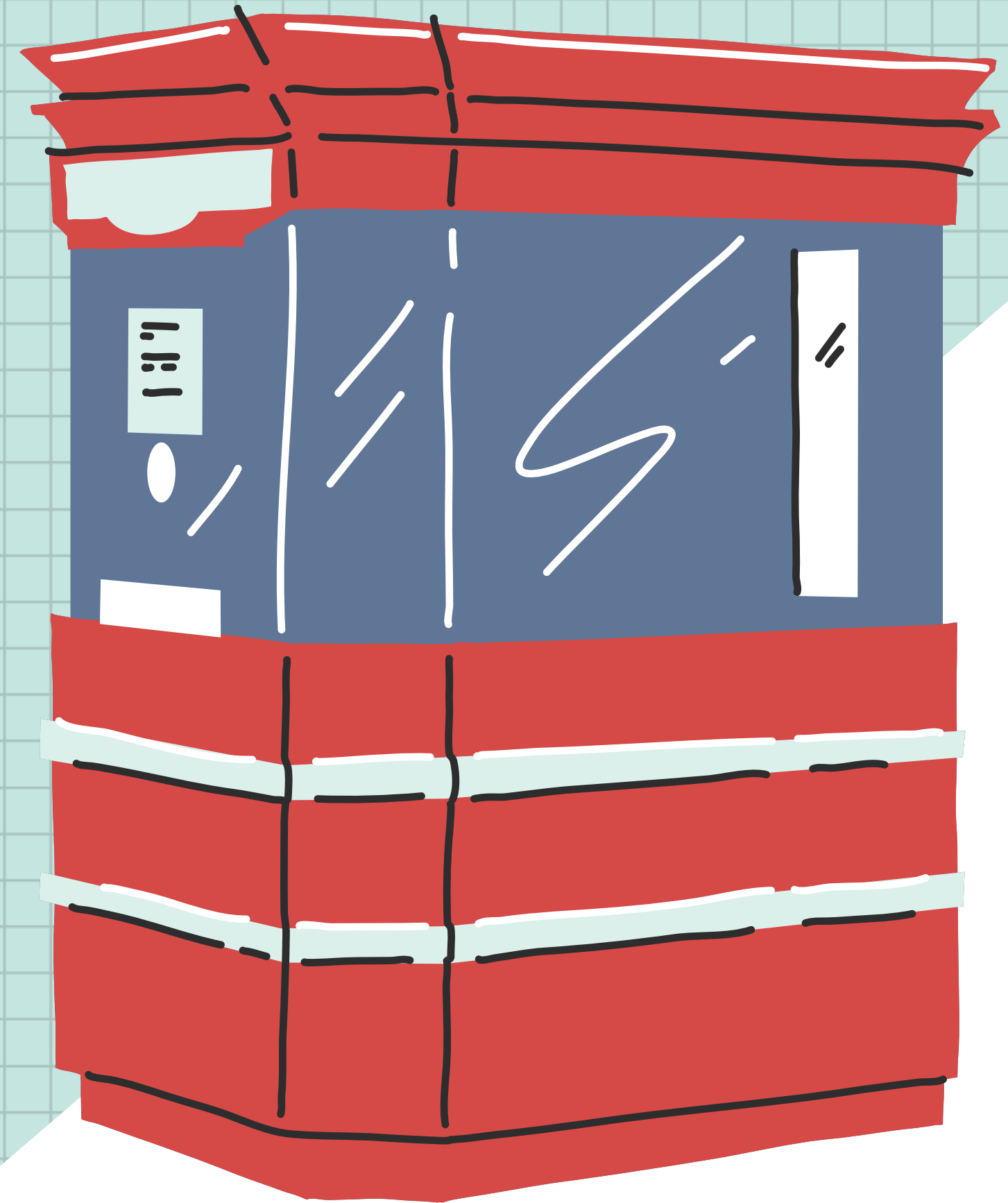
Figma Design

with Eng. Mohammed Kamal



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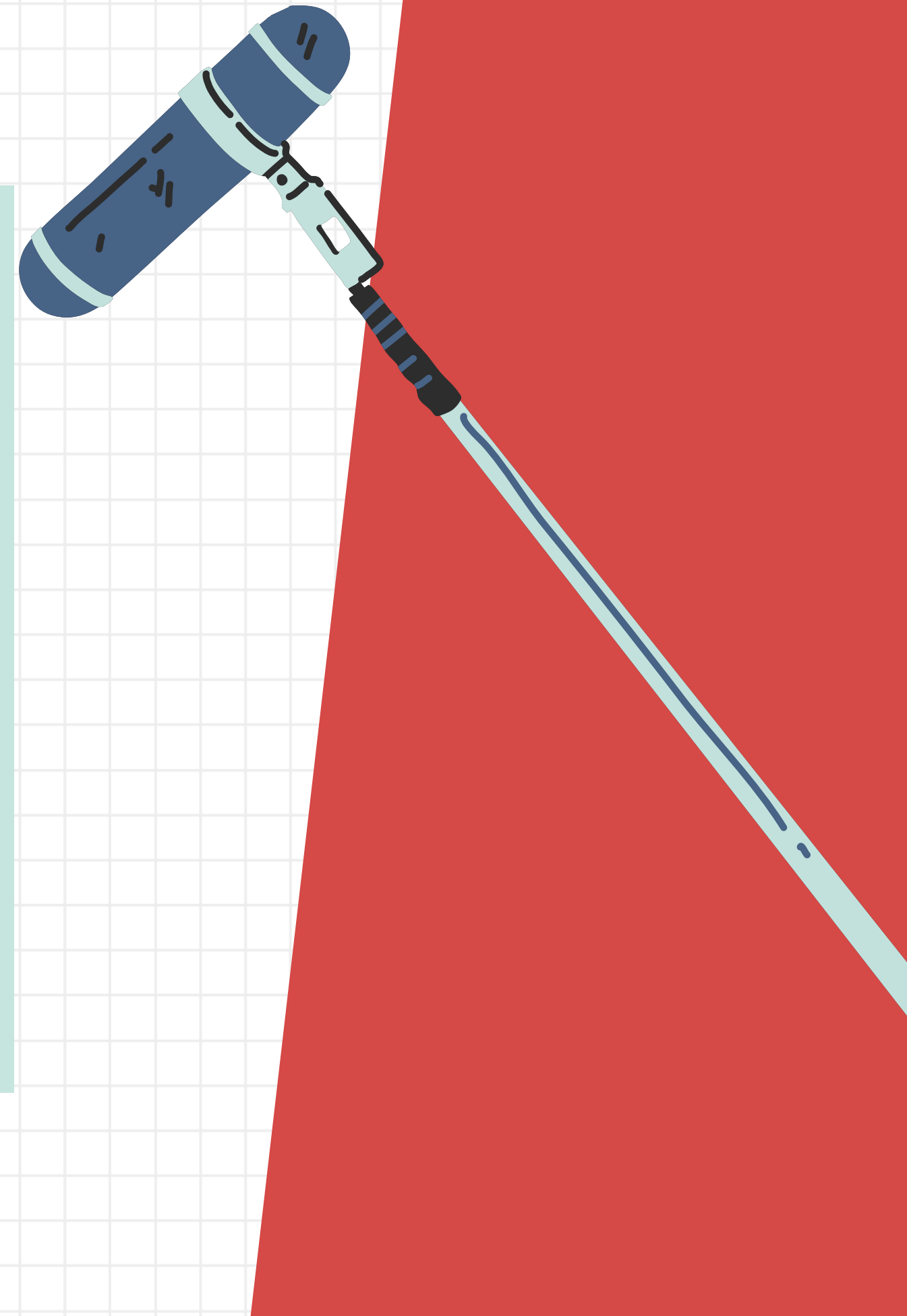
# Overview

The Movies App is a web application built using React.js, designed to provide users with a comprehensive movie browsing experience. Users can view popular, trending, and top-rated movies, and search for specific titles. The app fetches real-time data from Movie Database API (TMDB) and allows users to explore detailed information about each movie.

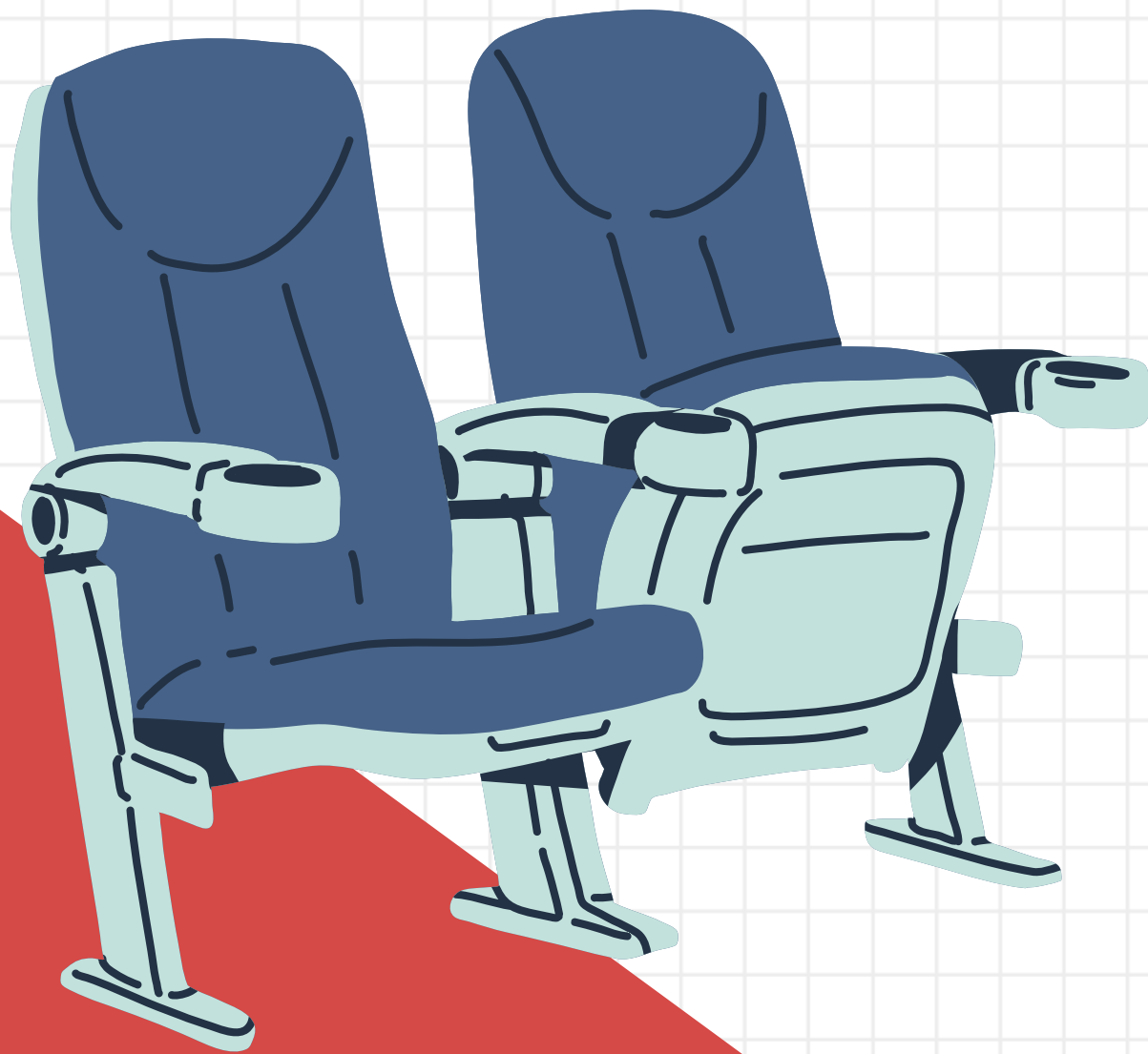


# Technologies Used

- React.js: For building the user interface.
- React Router: For managing routes and navigation within the app.
- Axios: For making HTTP requests to the movie API.
- TMDb API: Provides movie data like titles, descriptions, ratings, and more.
- CSS/Tailwind (or any CSS framework you used): For styling components.
- Local Storage/Session Storage: (Optional) For storing user preferences like favorites or watchlists.
- Git: For version control.



# App Features



- **Movie Listing:** Browse through popular, trending, and top-rated movies.
- **Search Functionality:** Search for movies by title.
- **Detailed Movie Information:** View movie details such as rating, description, cast, and trailers.
- **Responsive Design:** Optimized for different screen sizes.
- **User Authentication:** (Optional, if implemented) Sign-up/login for personalized movie recommendations or watchlist.
- **Favorites:** (Optional) Allow users to add movies to their favorites or watchlist.

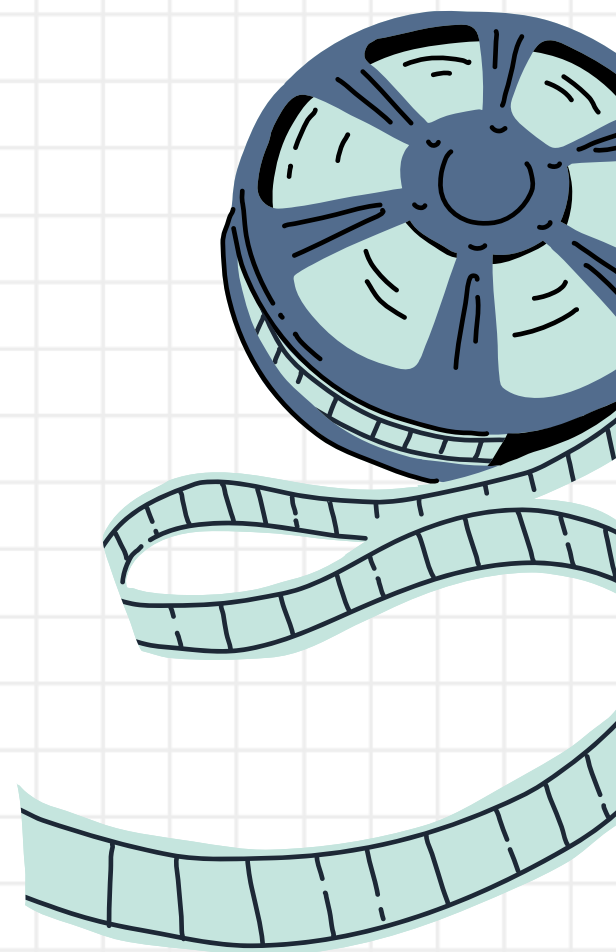
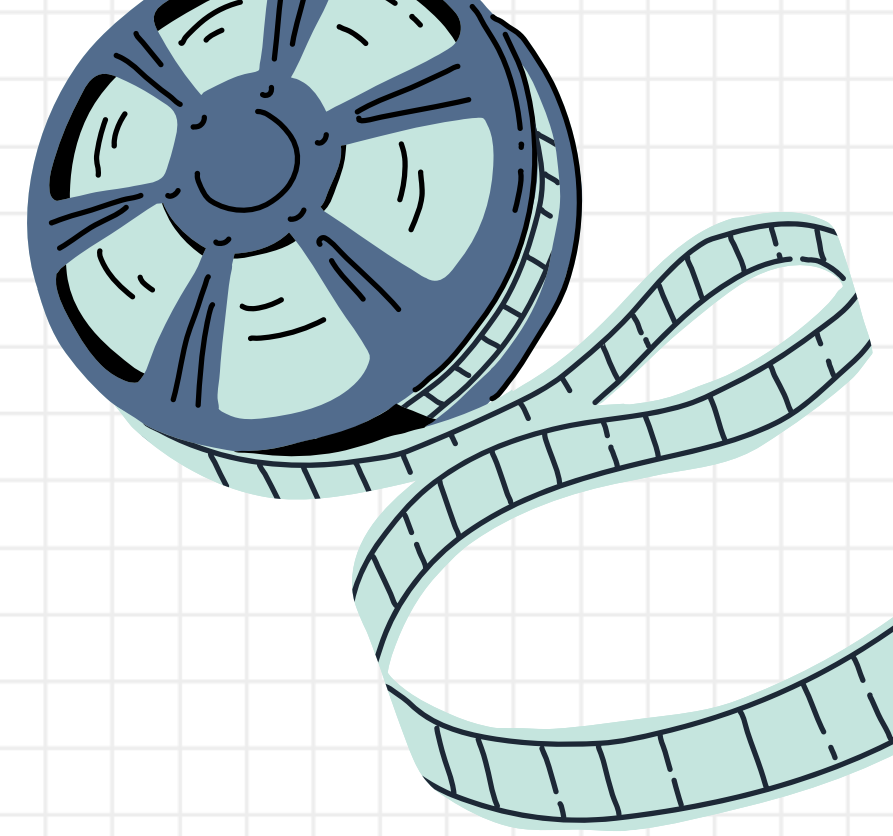
# API Integration

This app uses TMDb API to fetch movie data.

- Base URL: <https://api.themoviedb.org/3/>
- Endpoints Examples :
  - Popular movies: `/movie/popular`
  - Movie search: `/search/movie`
  - Movie details: `/movie/{movie_id}`

## Conclusion

The Movies App demonstrates a robust use of React.js, showcasing how to integrate third-party APIs, manage state, and create a responsive, dynamic user interface. Future enhancements could build on this foundation to offer a more personalized and engaging user experience.



# Our Team

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