

# Hackathon (Moboe project)

## Team members:

- Youssef Charroud team leader
- Amine Haddade
- Assia Boukdir

## Project:

This project is a feature-rich single-page application built using **React.js NodeJs**, focused on movie discovery and user interaction. It allows users to browse a collection of movies, filter and search by various criteria, view detailed information, rate and review films, and manage personal watchlists—all within a clean, responsive interface.

## Tools we used






- react
- GitHub
- notion
- node js / express js
- mongo db
- mongoose
- jwt
- shadcn
- tailwind
- motion
- lucid icons
- axios
- react router

# Features

## 1. Movie Discovery & Management

- Browse a mock list of movies (loaded from a static JSON or TMDB-like data).
- Search & Filter by title, genre, release year, rating.
- Sort by popularity, newest, highest rated.

## 2. User Movie Lists

-  *Watchlist* – Add/remove movies to watch later.
-  *Watched* – Mark movies as watched.
-  *My Ratings* – Rate movies 1 to 5 stars.
-  *My Reviews* – Add short reviews for movies (stored per movie).
-  *Comment section* per movie (with timestamps).

## 3. User Profile & Stats

- Track number of watched movies.
- Calculate average movie rating.
- Pie chart: genres watched most.
- Bar chart: movies watched per year.

## 4. Fun Extras

- Random Movie Generator (for indecisive users).

# Challenges

- Limited time to create the project
- finding project idea
- Design and Responsive UI
- choosing tools and libraries to use

# Things we could add

- ai chatbot that help the user
- admin dashboard for users and movies management

## Shared








```
{
  "id": 1,
  "title": "Inception",
  "year": 2010,
  "genre": ["Sci-Fi", "Thriller"],
  "rating": 8.8,
  "poster": "https://image.tmdb.org/t/p/w500/qmDpIHrmpJINaRKAfWQfftjCd",
  "overview": "A skilled thief leads a team into people's dreams to steal secrets",
},
```





```
PORT = 5000
MONGODB_URI = mongodb://localhost:27017/movies
JWT_SECRET = your_jwt_secret
GOOGLE_API_KEY = AlzaSyAFxiaSdywbd099CvSX-viejERVX5EmVuE
```

```
PORT = 5000
MONGODB_URI = mongodb://localhost:27017/movies
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```

## Project management

### tasks

 Name	 Person	 Status
<u>User Auth</u>	 youssef charroud	Done
<u>Movies Discovery</u>	 Assia Boukdir	Done
<u>User Dashboard</u>	 amine haddade	Done
<u>Manage and organize movies inside folders</u>	 amine haddade	Not started

Name	Person	Status
<u>ai chat bot for movies recommendations</u>	Ⓨ youssef charroud	In progress
<u>landing page</u>	 Assia Boukdir	Done
<u>setup the project and install the libraries</u>	Ⓨ youssef charroud	Done
<u>create graphs for user</u>	 amine haddade	Not started
<u>Movie Detail</u>	 Assia Boukdir	Done
<u>Watch List</u>	 amine haddade	Done

## Requirements

- 5 minutes for each member
- Briefly explain how we collaborated with each other and what was challenging?
- talking about possible features to be added
- must use collaboration tool (GitHub)