

Project Design Phase

Problem – Solution Fit

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| Date | 12 April 2025 |
| Team ID | SWTID1744468652 |
| Project Name | i-movies: movie ticket booking system |
| Maximum Marks | 2 Marks |

Problem – Solution Fit:

This canvas illustrates the alignment between the challenges experienced by users of digital movie tracking platforms and the tailored solution offered by the MERN Movie App.

User Problems:

- Difficulty in finding relevant movies due to cluttered and non-personalized listings
- Lack of filtering and search options to discover movies by genre, rating, or title
- Inability to manage personal watchlists effectively
- Frustrating user interface and poor mobile responsiveness
- No admin support for content management or movie data updates

Our Solution:

- A responsive and intuitive React-based frontend with Tailwind CSS
- Custom watchlist feature that allows users to add/remove movies
- Advanced filters and search capabilities by rating, title, and genre
- OTP-enabled password reset and secure login with JWT-based authentication
- Admin dashboard with movie and genre management options
- Cloudinary integration for image uploads and content control

By solving these core issues, our app transforms the user experience from feeling overwhelmed and limited to empowered and in control, offering a platform that's both practical and enjoyable to use for both casual viewers and content managers.