



# POPCORN PICKS

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The screenshot shows the PopcornPicks website interface. At the top, there's a navigation bar with links for "Chat Room" and "PopcornPicks". Below the header, a section titled "Selected Movie(s):" lists movies like "Batman (1989)", "The Amazing Spider-Man (2012)", "Gladiator 1992 (1992)", and "Aliens (1986)". A "Predict" button is visible next to the list. The main content area features a "Recommended Movies" section with a thumbnail for "Tales of an Ancient Empire (2010)" and a brief description: "A princess is on a quest to unite the five greatest warriors to save her kingdom from a demon sorceress." Buttons for "Check out IMDb link" and "Write a review" are present. In the background, there are blurred movie posters for "The Walking Dead", "Star Wars: Episode VII - The Force Awakens", and "13 Reasons Why".

## ABOUT

PopcornPicks is more than just a movie recommender system; it's a gateway to a world of cinematic adventures. With an ever-expanding library of films, a powerful recommendation algorithm, an all-new chat room, a new state-of-the-art account system, a newly added robust review system, and more, PopcornPicks is here to transform the way you discover, enjoy, and connect with movies.

## Updates

1. Introduced a chat room for users to interact with fellow movie lovers, share their interests, and create a sense of community.
2. Added a Movie Review page to view reviews and recommendations from other users. It introduces a collaborative environment between users.
3. Introduced User Profile to store user information for personalized recommendations, taking their past reviews into account.
4. Item-Item Collaborative Filtering is used to recommend similar movies to the user based on their preferences and past reviews.
5. Movie recommendations are sent to the user personally via email.

## Looking Forward

1. Implement dynamic database access (using a TMDb API rather than having a static CSV file)
2. Github Pages Deployment - Cost-effective, fast, and secure platform
3. Providing users with better recommendations based on improved filtering options. (e.g. Genres, Release Date, Plot Keywords etc..)
4. Improve the accuracy and performance of the recommendation system by incorporating movie metadata. It helps us diversify recommendations.



Test Cases: 20+



Checkout the Repo!