

## StreamR

### Lights, Camera, Recommendation

Elevating Your Movie Night  
Experience Even Furthermore

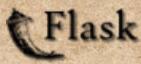
#### ABOUT

StreamR is a web application that delivers personalized movie recommendations based on users' favorite movies and users' filtering. Users choose different movies they have watched and liked, and the system provides a curated list of 10 films; they can also choose various genres or ratings to get the top 10 movies given those filters, each with an attached trailer, reviews, and available streaming platforms, tailored to their preferences. Users can then provide feedback to refine the recommendations for an optimal movie-watching experience. Given the improved features, users will experience fewer bugs while logging into the system and have an official profile. Moreover, the user has a personalized watchlist, which can be downloaded and shared with others.

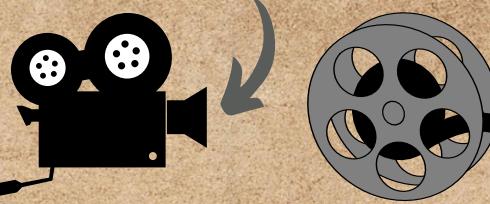
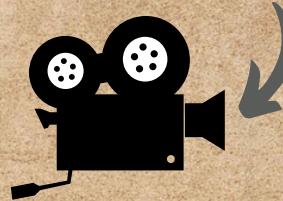
#### FUTURE ENHANCEMENTS

- Scalable design ready for future expansion and deployment.
- Add multiple pages to go through more movies and reviews for search.
- Enable sharing through social media and other options.
- Add a subscribe option so that users can get emails according to their profile whenever a new movie is released.
- Add an option for creating groups with shared watchlists.

#### TECH STACK



Click me for Code



SCAN FOR DEMO



#### IMPLEMENTATION MILESTONES

- Add multiple pages to iterate through the search and filtering results.
- Introduce grouping options and shared watchlists.
- Expand the sharing options to social media.
- Create subscription for users to notify them of new releases according to their preferences and their profiles.
- Scale up the number of users that can be supported and add deployment so the software could be usable for everyone.

#### TESTING

Our rigorous testing framework includes 27 unit tests for our movie recommendation system, checking its recommendation and search features. After adding more functionalities to these functions, there are almost 65 more test cases in order to test them, which makes the total number of test cases around 90, covering different scenarios and validating the system at various levels.

Add Movie to your watchlist here



Check out your profile here



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