

Project Proposal

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App Name: Find Me A Movie

Logo: something typical movie (□,□,etc.)

The pitch:

Sometimes I find myself spending hours looking for the 'perfect' movie to watch. I do not want to waste my time watching any bad movies, but I end up wasting tons of time just searching for the right one. Then, just when I think I have found the movie I want to watch, I cannot find it on any of the popular streaming services (Netflix, Amazon Prime Video, etc.). The entire process of searching starts over again and the time starts to add up. Sometimes I even decide it is not worth it to keep looking for a movie and I just give up my search. This is not how the movie watching process should be. The movie watching experience should be enjoyable and great movies should be easy to find.

"Find Me A Movie" allows you to find the best movies for you by using the similar movies features of IMDb and Rotten Tomatoes. Add movies to your favorites and then see a list of suggested movies (my thought is that the more movies you add to your favorites, the more accurate it should be).

Primary use cases:

User chooses favorite movies using a search function from movie API

Web crawler populates list of suggested movies based on favorites

User can then do a multitude of things with suggested movies (browse, search, sort, filter by IMDb or Rotten Tomatoes rating, filter if on streaming service)

Class concepts used:

- Model view controller
- Service object for favorite movie search function
- Service object for accesses to web pages (IMDb / Rotten Tomatoes)
- Persistence to store favorite movies
- Another service object to check streaming services

Additional APIs / Frameworks used:

- Web scraper / crawler (still need to find this or I can write this on my own)
- Some way of accessing streaming services (either using APIs or websites that have already been created for this purpose)
- A movie API for searching ([themoviedb](#), [OMDb](#), etc.)