



SHOCATOR

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Description:

- This is a web app designed to search a database of TV shows and movies and return the information to the user.
- This information includes, but is not limited to, posters, summaries, ratings, etc.
- Users may create an account and use it to compile a list of titles for their own use.
- In the future, the app will also display which streaming services offer the title in question, and will provide a link to the site.

Planning – User Stories:

- This web app was inspired by an occasion when a group of us wanted to watch a movie, we knew what movie we wanted to watch but, unfortunately, we had no idea what streaming service would offer it.
- I imagined it would be convenient to have one centralized location where users could search for TV shows and movies, and learn about them (similar to IMDb.com), but then also be able to access an appropriate streaming service directly.

Planning – Database:

- This app will only have databases for user data, and for their titles to add to their watchlist.
- It is primarily designed to access and consolidate data from elsewhere, not to maintain it itself.

Features:

- Minimalist interface – home page is nothing but the logo and search form;
- API access for processing searches.
- Persistent database.
- User login.
- Watchlist for users to maintain.

TECHNOLOGY STACK:

- Languages: Python, JavaScript, HTML
- VS Code
- Flask
- Jinja2 templates
- Bootstrap
- MySQL

WHAT I LEARNED:

- JavaScript
- Processing JSON data
- API interaction



DEMO

What's Next:

- Add API support to link to services (expensive and want to make it the last feature added).
- Add autocomplete to search.
- Draw additional data features (e.g. “What’s coming this month on Netflix?”).
- Gather user search/”like” data to offer suggestions.
- Develop interface for a more stylish site.