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Cinemalist Documentation

The main features of Cinemalist:

- Users can search for movies on the webpage

- Users can add movies to their watchlist

- Watchlist information is saved locally, so no data will be lost between sessions

- Sleek and easy-to-navigate user interface

The main functionality of Cinemalist:

- Webpage makes use of TMDB API in order to get access to reliable movie information, including titles, release dates, posters, IDs, etc.

- Watchlist is created using an array of IDs, each representing their corresponding movie in TMDB. Array information is then stored locally using "localStorage" in JavaScript. Since "localStorage" can only store strings, the array is converted with JSON for storage, and parsed with JSON for modification.

JavaScript is crucial when it comes to the functionality of Cinemalist. It also improves the user experience substantially. It is used to dynamically load information from TMDB API based on the user's search to allow them to find the movie that they want to add to their watchlist. The user will also be notified when they have added their selected movie to their watchlist, or if they have the movie in their watchlist already.

One of the biggest challenges when it came to making this website was how I was going to implement the watchlist itself. My initial plan was to have the user manual input movie details when adding a movie to their watchlist. I was also planning to allow them to upload an image of the movie's poster. I later realized that implementing file uploading was currently way out of my skill range. It also posed a big security risk, especially since the website is being hosted online currently. I was able to find TMDB when searching for ways to implement movie information onto a webpage, and I spent the better part of 2-3 day learning the API's documentation. Which ended up allowing me to make the website be better than I had initially planned.

When it comes to future features, I had a few things in mind:

- Adding the ability to remove selected movies from your watchlist

- Adding the ability to make movies as watched

- Adding more dynamic reactions from html elements based on user interactions

- Adjusting CSS for more accessibility across various different devices.