COMPUTER SCIENCE 235 DESIGN REPORT

CS235FLIX WEB APP

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INTRODUCTION TO WATCHLISTS

The cool new feature that has been introduced to the webapp is a user defined watchlist. The purpose of a watchlist is to provide a way for users to store movies/shows that they would like to watch in the future. The main watchlist page provides a very simple interface which allows users to browse the movies that they have added. The ability to save films and shows onto a list acts as a bookmark as well, allowing for users to come back in the future and review if they would like to watch the movie/show or not.

KEY DESIGN PRINCIPLES

The watchlist is designed to provide a simple interface for users to work on, the idea of balance and contrast play a big part in terms of the visual design of the watchlist. Movies are displayed within a minimal card that provides enough details about the movie for the user to distinguish between two movies with potentially the same titles. All elements are balanced and provide a nice contrast of colors, the base theme of the website rests on White and Light Black color schemes, and the watchlist carries these features as well. It is important for certain elements to stand out in a user interface, for example, in the watchlist, all movie titles are bolded to help users browse through their list. The emphasis on the title helps users track the movies as well.

Users are provided a clean, yet powerful, interface to store their movies in. Design details such as providing a way to tell if the watchlist is empty through the example image below, help the user understand the state of their watchlist.

Your Watchlist is Empty!
Browse Movies to add to your watchlist

Movies on a user's watchlist are displayed in a very similar way to which they are displayed on the main movies page. This helps the user easily keep track of all movie elements as they have already seen this setup in other pages of the website.

LOGISTICS OF THE WATCHLIST FUNCTION

The python code that creates a watchlist object consists of a few elements. When a user account is created, a watchlist is automatically created as well. The watchlist object is stored within the user object, creating a direct link between itself and the user. The watchlist object stores a list of movies that the user has added, with the functionalities of the user being able

to edit the watchlist. The user is also able to select the movies in their watchlist and watch them (not literally, as the movies aren't accessible).

WHY A WATCHLIST?

A watchlist is an important feature for any software that works as a video streaming app. The watchlist provides a way for the user to personalize their experience, and it gives them the ability to store potential movies they would want to watch. It provides additional functionalities for people who create an account with the cs235flix app, as watchlists are only available to those who do, personalizing and improving the user experience through a vital functionality.