User Manual

- **When you enter the home page of the website, you will see three lists of movies: New Releases, Top Rated, and Most Watched. Additionally, there are buttons for Genres, $$$, and Search . (refer to Illustration 1 for a visual representation of this layout).**

- **When clicking on a movie, it will be displayed horizontally with the following details: a picture of the movie, its title, release year, a brief description, and a "WATCH NOW" button. (referencing illustration 1 will provide an example of how this looks when pressing on a specific movie such as "Winnie the Pooh").**

- **The Search Button: Upon pressing the Search button, it will change to a yellow color . Subsequently, a white rectangular box will appear, allowing you to input search terms. You can search for a movie using keywords or a prefix of its keywords. The site will then display a list of movies that include a word matching the search keyword or its prefix in their keywords list. (refer to illustration 2 for visual guidance).**

- **The Genres Button: Clicking the Genres button will change its color to yellow and increase the font size. Additionally, it will display a list of all genres. Selecting a specific genre from the list will highlight that genre's box in yellow. Upon selection, two lists will appear: one listing the Top Movies in the selected genre and the other listing the Top Actors in the selected genre. (refer to illustration 3 for visual representation).**

- **The $$$ Button: *Clicking the $$$* button will change its color to yellow and increase the font size. This action will display two lists: Most Profitable Movies and Most Profitable Production Companies. The website calculates profit using the equation:**

  profit = revenue – budget.

  When selecting a movie from the list, it will be shown horizontally with the following details: a picture of the movie, its title, release year, Production Company, Budget, Revenue, Profit, and a "WATCH NOW" button. (refer to Illustration 4 for an example of how this looks when selecting a specific movie such as "Harry Potter and the Philosopher's Stone").

 # All the outputs of the visualization are consistent with the code results.

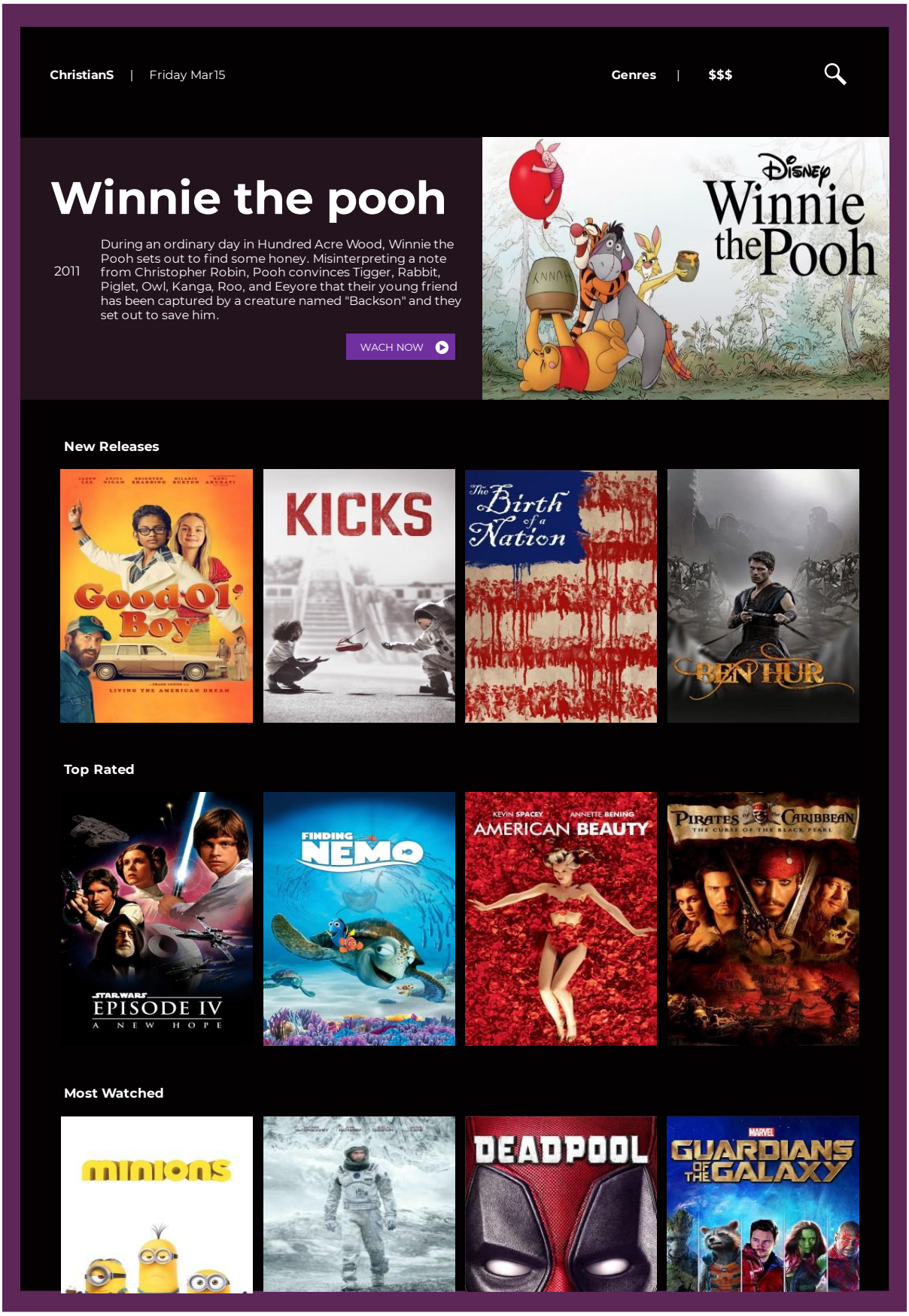

Illustration 1: Home Page, after pressing on the movie (Winnie the pooh).

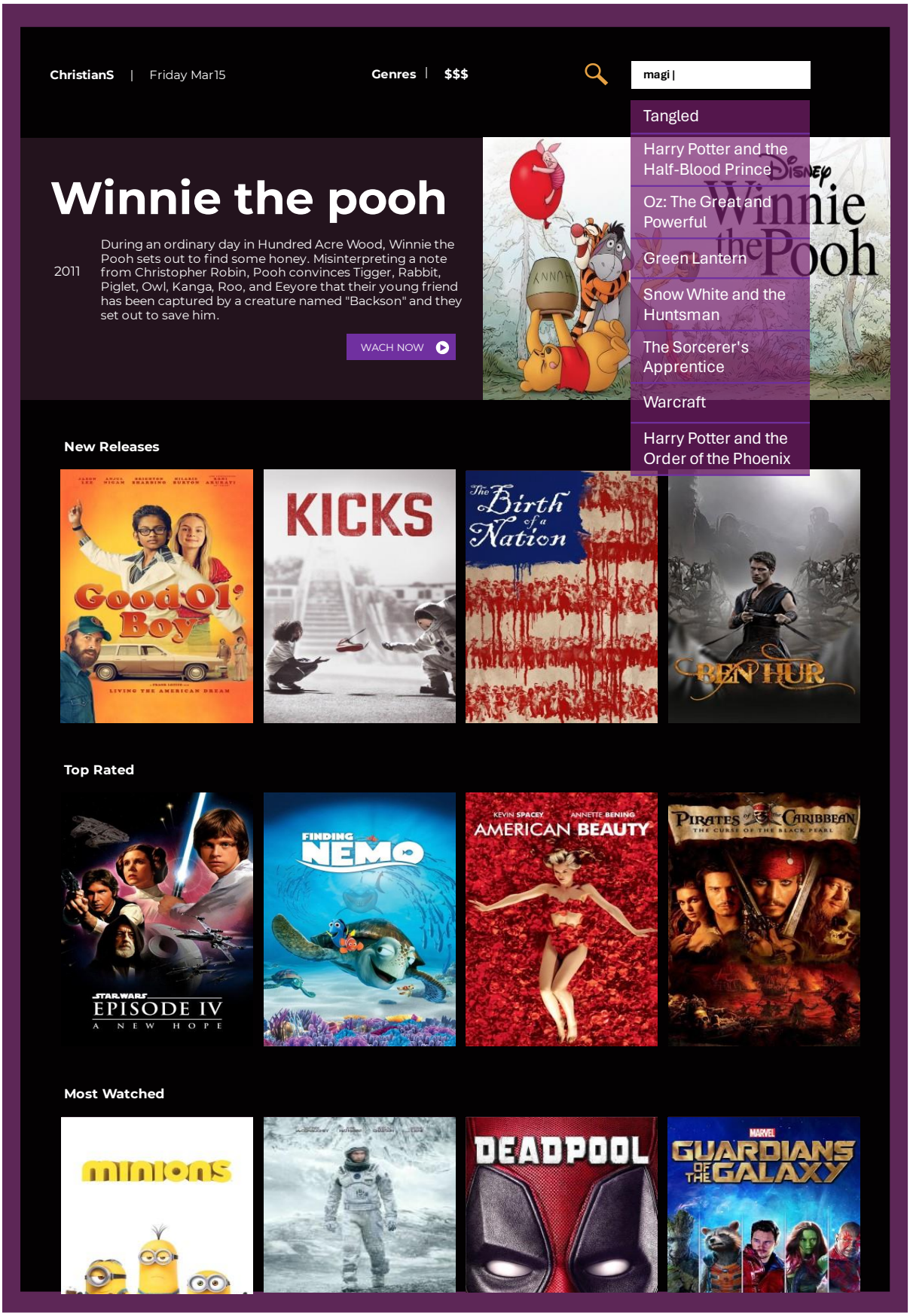

Illustration 2: Search Button, searching the word magi (the prefix of magic).

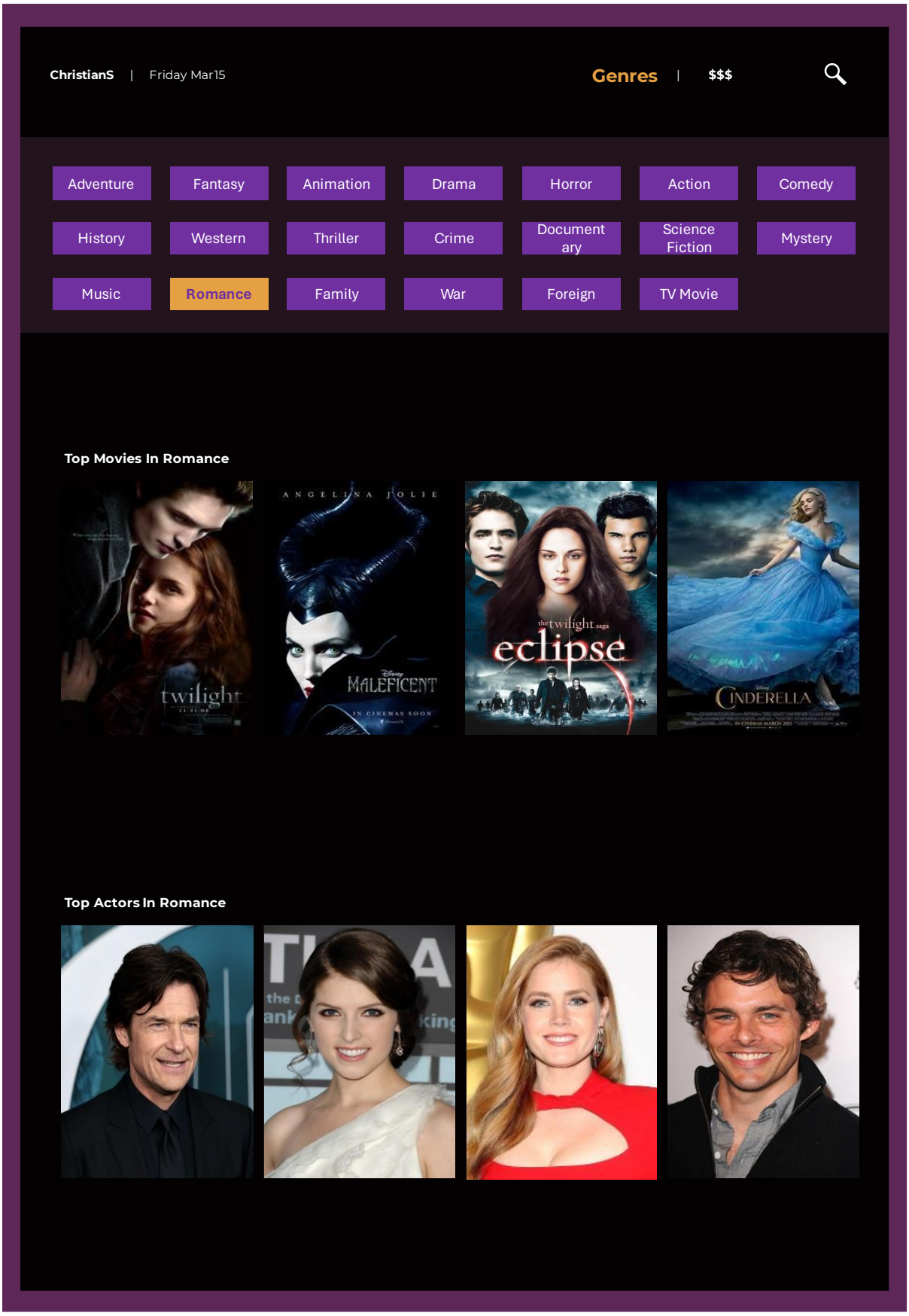

Illustration 3: Genres Button, after choosing the Romance genre.

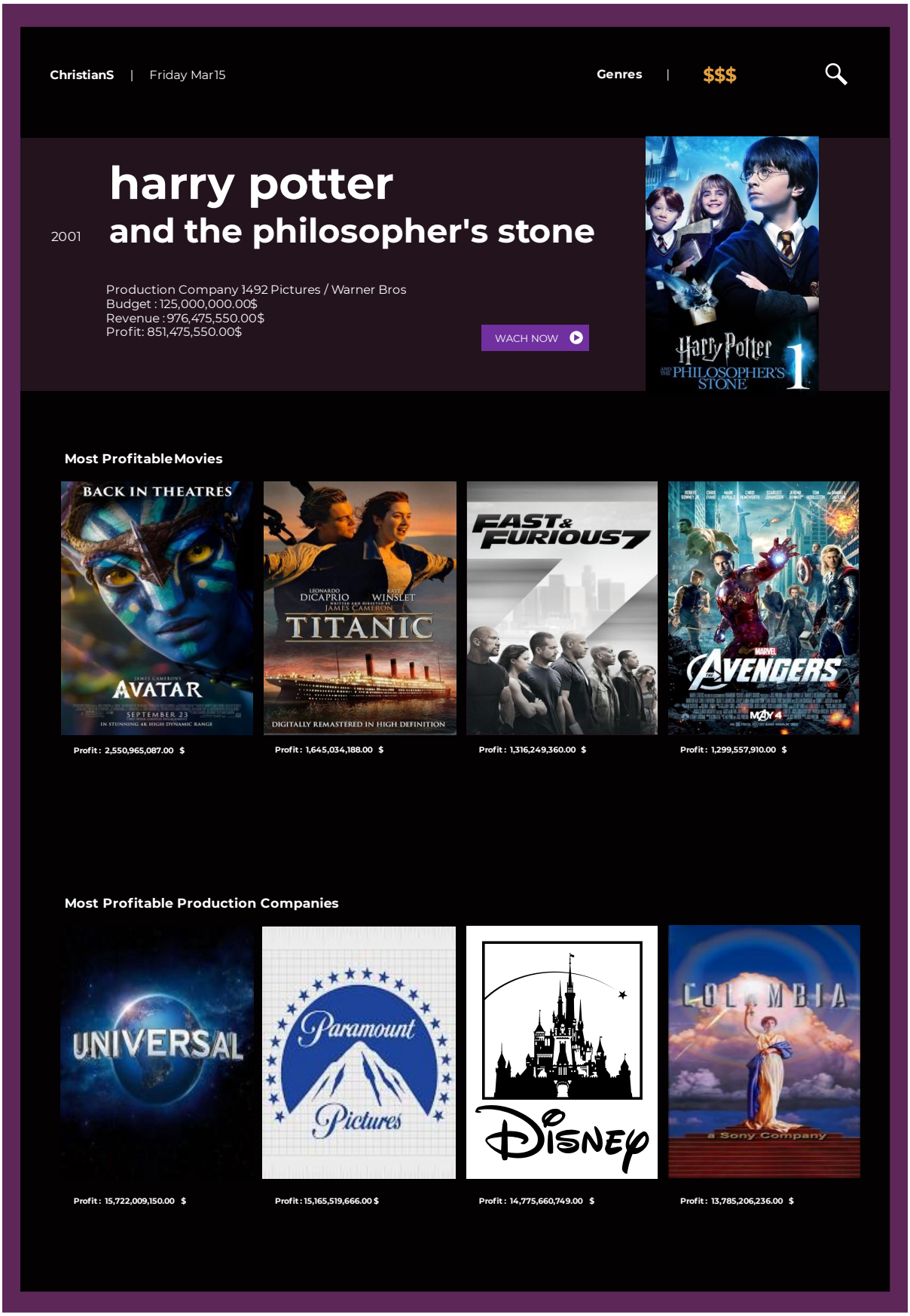

Illustration 4: $$$ Button, after pressing on (Harry potter and the philosopher's stone) movie.