

AJAX Interface

Due April 8th, 2016

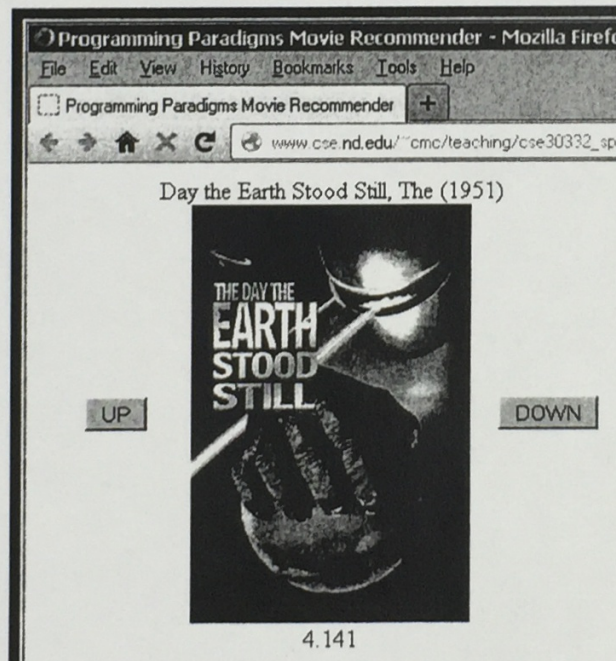
CSE332 Programming Paradigms, Spring 2016

Overview Write an AJAX web interface movie recommender. Build on top of the CherryPy web service you wrote for a previous assignment.

The minimum required functionality is:

1. Display a movie recommendation for a given user, including the title, poster image, and score for that movie.
2. An “up” button which submits a vote of 5 for the movie.
3. A “down” button which submits a vote of 1 for the movie.
4. The system shall display a recommendation as soon as the user navigates to the page (e.g., no requirement to login or view an introduction screen).
5. The layout should roughly match the following screenshot. The layout shall rely on CSS imported from a styles file.

Here is an example of an interface that would meet the required functionality:



Discussion Remember that for full credit you need to structure your code properly. You need 1) an HTML file with just the HTML elements and import code, 2) a CSS file to lay out the elements, and 3) a Javascript file with the interaction code. The CSS file should go in a subdirectory `styles`, and the Javascript should go in `scripts`.

Images Directory You do not need to copy the large images directory to your webspace. For this assignment, you may link to mine:

`http://www.cse.nd.edu/~cmc/teaching/cse30332_sp16/images`

You may receive a 403 error if you try to list that directory, but you can access individual posters by appending the image file name to the directory.

Turn-in Package your source code into a `zip` or `tar.gz` archive and submit it to `prog.paradigms.sec1.sp16@gmail.com` (if your email host permits) along with the URL to your interface. Do *not* include a copy of the `/images/` directory – it is almost 100 MB.