Project4 understanding document:

The Movie Web Application in PHP

Description

The goal of this project is to redevelop the movie web application described in Project #2 using PHP.

Platform

You will develop this project on your PC/laptop using XAMPP and you will test it using using your Mozilla Firefox web browser.

Documentation

The following are tutorials on PHP. Use them as a reference only.

* [PHP Tutorial (Links to an external site.)](http://www.w3schools.com/php/default.asp)
* [PHP (Links to an external site.)](http://www.cs.rochester.edu/courses/210/spring2011/lectures/005/)
* [PHP.net (Links to an external site.)](http://php.net/manual/en/)

Project Requirements

You will develop the movie web application described in Project #2 using PHP. First create a project4 directory inside your web server root directory. Your project is to write only one PHP program movies.php inside project4. You don't need to use JavaScript. You don't need any proxy. The initial page is a search form with a text area widget and a "Display Info" button. When you click on the button to search, you get a page that contains the search form and a section with the search results. The search results is an itemized clickable list of movie titles along with their years they were released. When you click on the title of one of the search results, you get a web page with the search form and information about the movie: the poster of the movie as an image, the movie title, its genres (separated by comma), the movie overview (summary), and the names of the top five cast members (ie, actors who play in the movie). You call movies.php script in two ways: for example, using movies.php?search=The+Matrix to get search results for "The Matrix" and movies.php?id=603 to get the page with the description of the movie 603.

Hints:

* How to call the MovieDB web services from PHP? Use either [file\_get\_contents (Links to an external site.)](https://www.php.net/manual/en/function.file-get-contents" \t "_blank) or [curl (Links to an external site.)](https://www.php.net/manual/en/book.curl) - see project2/proxy.php
* How to process JSON data in PHP? Use [PHP JSON functions (Links to an external site.)](https://www.php.net/manual/en/book.json)

What to Submit

Submit your movies.php file.