

web programming Questions



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## Address what develop and run environment are used, e.g. what tools will be used for design and development. How will you set up server-side environment and database?

I’ve developed all my code for this project using Atom because not only is it one of the nicest platforms to work from but it also has an extension called “beautify” that automatically formats your html when saving. This is an extension for php too but I have to change a number of things to make it work. Therefore, I’ve simply stuck with WebCodeSniffer which is a lot more time consuming but has helped me fully understand correct php formatting. For the servers, I ran everything through XAMPP. When clicking start to both Apache & MySQL modules allows me to view my html and save and search data. However, it does need to be run in the htdocs folder.

## Identify any ambiguity in the specifications and requirements and clarify them before designing the application.

It requires the user to be able to search from title, genre, rating and year in a consecutive or individual manner. For this, I will remove the “required” statement from my project 6 code, as the user may only want to search by year. Additionally, redex statement will help filter wrong characters typed into text boxes.

## Produce the prototype of the user interface in a visual format such as in images or template website. Include website navigation hierarchy.

This is the prototype form from project 6. All I had to do was change the names.

A screenshot of a cell phone

Description automatically generated

Hierarchy:

Home Page

Top 10 Searches

Display Graph

## Provide the database design, create database and validate it against the design, e.g. database structure.

A screenshot of a cell phone

Description automatically generated

A screenshot of a computer

Description automatically generated

Everything on phpMyAdmin is ordered the same as the excel spreadsheet besides having to add an extra column for searches. I also had to make the ID field UNIQUE and PRIMARY

A black and red text

Description automatically generated

As the ‘searches’ column will be set to null I will need a sql statement to set the searches to 0 in order for the searches to run properly.

Ex.

A screenshot of a cell phone

Description automatically generated

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This simple piece of code was the difference between the whole thing working & and not working. I guess that’s why they pay programmers the big bucks!