

## Feature Project 2 Report Template

### *Michael Sofie*

The following questions must be answered by each student and posted to the student portfolio as <your name>-FeatureProject\_2\_report.pdf for example: Eric\_Waterkotte-FeatureProject\_2\_report.pdf

1. What concept or tool did you select for feature project 2 and why? (minimum of 3 complete sentences)

I choose to use MySql databases and used the UNION clause and Joins to access the tables in several ways. I created six tables to contain the different Information in a way that I believed would be easiest to access. I also created some new functions to print different parts of the pages of my website. In doing the design work, I used as much freestanding php without separate html pages as was possible to practice simplifying the file structure.

2. What were your main challenges in setting up your sample and how did you overcome the challenges? (minimum of 5 complete sentences)

Probably the biggest challenge for me was getting the syntax of the code correct and also the sequence and location of the called function in the php code. Some of the work required trial and error and I also found that Notepad++ was helpful in identifying potential problems. Printing out and walking the code was helpful because I could not see the entire program on the screen. I also tried to compare sequences and notation with some of the work we had done for the different modules. There were several file management issue that arose, but I made a flow chart to set up the project to help.

3. What discoveries did you make by exploring the concept or tool selected? (minimum of 3 complete sentences)

I had to explore the UNION ALL concept and understand the syntax for getting data from five tables. I also worked with the Login program to have it print out the AddRecords page only after a successful Login. I found out that sorting by genre would not work with the drop down menu, but I really did not have to sort that way since the genre was available on another page. I still am having some problem with making alts popup with images in php even by using back slashes ( \ )?

4. How did the tool or concept you selected relate to the materials and modules in Media 206? (minimum of 3 complete sentences)

My project related to Module 2- POST method; Module 3- using radio buttons to select just one choice & conditions & functions; Module 4- form to e-mail in a

single php page; Module 8- displaying table data; Module 9- adding and sorting table data; and the Bug Bash- to login. The challenge was to integrate all these techniques into one project and I decided that a single website with multiple pages and navigation made it easy to have it all in one place for the user. This way I built upon the work done in Feature Project 1 and created a functional and user easy project.