

## **Assignment 2 Report COMP212:**

### **Changes From AS1:**

After first looking at the specification for assignment two, I looked through my code and compared it to code from the sample solution. After looking at them both I decided in the end to use the sample solution with a few adjustment made of my own and also the addition of my CSS. This decision was made because my solution from assignment 1 still had some bug and was not complete.

### **Testing:**

First thing I did with testing was to put my CSS in the online WC3 CSS validator to make sure all of it was valid. Everything was valid for my CSS apart from some external web designs that it did not recognize. For PHP for this assignment, I found debugging sometimes easier but also in some cases harder. I found it a lot easier as I could use the PHP error log, which shows the errors in PHP. I found this very useful as it shows errors in a similar fashion to a java compiler, as it shows the location and description of the error. This was my main source for testing and checking if everything was working correctly. The hard part was when the PHP log was not showing errors, and there is no "console.log" like there is in JavaScript. The only way really to test if PHP was working was to either check the HTML page source to see if an error could be located from there or use PHP's echo command to print results. I found these methods quite time consuming. However using these echo statements was also very useful for testing. I used the echo statements often throughout development to check output against expected output. This was very useful for check behaviors of certain functions within the project. Another source of testing was the XML documents. Often to check for expected output for functions, I would send all the data to an XML document and then compare the output to the already set XML in a local file. This was very useful when developing around the edit and creates tournament areas of the project. For testing validation, I personally tried to break my validation, and once I could not find any more errors I asked a classmate to try break it. Using a class mate was good cause it meant that some else that

didn't know how to use my website could try use it. After all these testing methods were completed I was finally satisfied to submit my project.

**Outstanding Issues:**

The only issue outstanding error with my project that I am aware of is in the PHP error log after adding new teams and venues in the Create new tournament part of the project. The error says: "Undefined index: addTeam in /devel/bmillar/projects/assignment2Work/tournamentAdmin.php on line 6 [07-Oct-2016 20:39:48 Pacific/Auckland] PHP Notice: Undefined index: addVenue in /devel/bmillar/projects/assignment2Work/tournamentAdmin.php on line 7". I believe these errors are to do with adding the teams and venues to the arrays but can't figure out to fix it. However these errors have no effect on how my project is working.