

Assignment Two Report

Cosc212

Testing of Application

The function `validateVenue` was tested by submitting venues that were not included in the venue xml file, for example “aaaa”, “1234”, and “”. The form would not validate unless a venue was submitted that was in the xml file.

The function `validateScore` was tested by enter negative values and none numeric values. The negative values caused the function to return false as expected however none numeric values returned true. This was fixed by instead of using my function `checkDigits` I used the built in php check “`is_numeric()`”.

The function `checkDate` was tested by entering dates out of the range and incorrect values, for example “34/-1/3000”, and “aa/<>/20aa”. The function returned false as expected.

The function `validateClashes` was tested by submitting two matches with the same date and venue as well as two matches with the same date and teams. Both returned false as expected.

The function `isEmpty` was tested by submitting null, an empty string and a string containing characters. All returned false apart from the string with contents.

The function `checkTeams` was checked by submitting two teams with the same name. Returned false as expected.

All functions were testing using multiple different matches with correct and incorrect values. This ensured at all functions were working as intended. Each function was tested incrementally, starting with testing each function by itself then slowly working in others until all check functions were running in parallel and correctly.

Outstanding Issues

Xml files are not in the htaccess folder because javascript could not read xml. However all php pages worked as intended with the xml being in the htaccess folder. The application is currently reading the xml from a folder not within the htaccess.

When creating venues it is possible to submit a venue of null or identical venues. Identical venues doesn't create too much of a problem because venues are manually selected on the next page. However a venue of null results in no venue being available to chose for the round robin.

The forms when creating a completely new tournament have little to none server side validation let alone client side. This will only provide an issue if a malicious user was to use the form.