**Test Plan for Basketball Database**

First, I will begin by loading the databases table by table from my website to make sure that each table is viewable to the user. I will then begin by using my “add data” button that I have created which will allow the user to enter data into a certain table.

For entering data into each table I will have several tests to make sure the correct values are being inserted. For player name only alphabetical, spaces and hyphens will be allowed. I will try to enter a number into a player’s name field and that should come back with an error telling me that numbers are not allowed in that field.

For the numerical fields I will try the opposite of above, I will try to enter alphabetical characters into those fields, and once again I should have an error thrown at me. I will also try to enter say 15.1 for points for a certain game, which is not possible, because a player cannot accumulate .1 of a point during a game. This format would only be allowed through an aggregate function when getting the averages for the season.

I will also try to access a table that does not exist in the database in which case I should have an error that returns, that table does not exist enter a new command. The login page should also return an error if the incorrect password or username are entered. I will test this by entering both the correct username and password as well as an incorrect entry.