CS 411 Project update

Todo

1. Database CRUD (create read update delete) Some of these features aren’t practical for our website, because we don’t want random people being able to edit, or add to our data, but we have to include all of these functions anyway because its graded.
   1. Update: this is going to be one of the more difficult ones. You have to make it so you can update a players name in the database. My suggestion is to add an update button for each player (maybe on each individual players page?) this button would take you to a separate html template that allows you to update the player’s attributes.
   2. Create: Very similar to update add create button and make an html form that adds to the data base.
   3. Read: This is just making the data appear on the website. Probably the easiest of the 4, but also the most important.
   4. Delete: Add a button on each players page that allows you to delete. This should be temporary and done after create is made because It would be bad if someone accidently deleted something when testing if delete works. To test create a new player and delete that player
2. Home page. What I envision for the home page is initially all of the data is displayed for weeks 1-17. From there you can use the options provided to edit the data.
   1. To get all the data onto one page we will have to join all the tables together. When you do this you have to make sure all of the stats sum for each player, so if you join week 1 and week 2 and player A has 34 rushing yards in week 1 and 55 rushing yards in week 2 Player A should have 89 rushing yards on the table. An extra part of this that is difficult is I don’t think every player is on every sheet, so some players may only be on sheets 5-8 lets say. We should try to find a way for these players to appear
   2. Also on the home page we should be able to perform queries’ by clicking on edit buttons ie if we filter the weeks to 2-7, this would perform a SQL query on the dataset and return the data for players in weeks 2-7.
      1. Changing the table for scoring and other things will need to be done later, but focus on the weeks for right now.
   3. You should be able to sort by category with a click ie see who has the most rushing yards by clicking on rushing yards and the table resorts itself.
   4. Use some of the SQL quires here for the requirement for Stage 4
3. Styling. As of now functionality is more important, but there is still a lot of styling that needs to be done.
   1. Look up bootstrap docs and go into html templates and makes those look nice.
   2. We need to figure out a way to make our displays of data look nice.