**Link to website:** 127.0.0.1 or localhost

**Links to Data:**

<https://datahub.io/sports-data/spanish-la-liga>

https://datahub.io/sports-data/english-premier-league

<https://datahub.io/sports-data/italian-serie-a>

**Implementation Log:**

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| Date | Time Spent | Description |
| 27th March 2021 | 3 hours | I spent time on my homepage and working on the design of how the data will be displayed to the user. |
| 7th April 2021 | 3 hours | I moved onto the back end and started working on the Jquery functions to fetch data when the use clicks a button. I also completed a teams class which holds each data row. |
| 26th April 2021 | 3 hours | I can now pull all the data from the database and display it on the webpage having completed a getAllMatches method in my MatchRestService file. I have moved onto the edit match function also but did not quite get that working. All the code for loading an edit form up is there but there’s a small problem somewhere which I can’t quite figure out so I will come back to it tomorrow. |
| 26th April 2021 | 3 hours 45 minutes | I worked on fixing the editMatch button but wasn’t able to solve it. I know its something to do with the onclick function and I tried to search online for a fix but I cant find one at the moment. I get ‘Uncaught SyntaxError: missing ) after argument list’ when I click on the first edit button.  And I get ‘(index):1 Uncaught ReferenceError: “Team name I am selecting” is not defined  at HTMLInputElement.onclick ((index):1)’ come up in tge console when I click on any other edit button. I may move on to get other functionality completed so I don’t waste too much time completing the edit option. |
| 27th April 2021 | 2 hours 30 minutes | I had another look into the problem I was having yesterday but still could not solve it so I moved on and I will come back to it after I have got other tasks completed.  I started working on the design of a filter table where the user can customize what data is displayed. |
| 27th April 2021 | 1 hour 30 minutes | I spent some extra time on the design work later in the day. |
| 28th April 2021 | 2 hours 30 minutes | I started working on the functionality of the filter table and tried to populate the combo boxes depending on which league is selected by the user. |
| 29th April 2021 | 4 hours 30 minutes | I spent the whole time working on the filter box for the user to customize what matches they would like to display. I found implementing the team search quite easy but implementing the date took quite long because I was struggling to get the format correct so I had to debug the whole thing to see where I was going wrong. I had a few small problems but the main one was using .getYear() rather than .getFullYear() when retrieving the date. |
| 30th April 2021 | 2 hours | I spent a lot of this session trying to fix my linux machine as my files were no longer copying over. My friend helped as i could not work out what went wrong. It broke because I kept coping every file over each time rather than just the file id edited. After I fixed the linux machine I finished the filter box functionality so the user can now search by min date, max date, away team and home team all at once. This is done by just building a query in my matchesRestService. |
| 2nd May 2021 | 3 hours | I spent this session just working on the design of my website. I first just updated the filter box design because I hadn’t finished the design when I started working on the functionality. I also created an edit form which will be used for adding in new matches and also editing matches. I will move onto the functionality next. |
| 2nd May 2021 | 1 hour 30 minutes | I implemented the design of the edit match form into my website by putting it into Javascript code. So now when a user clicks the add new match button the form pops up and the data on display disappears. I also added some methods to populate the teams combo boxes on the edit form when the form is loaded. |
| 3rd May 2021 | 5 hours | I first completed the functionality to add a new match to the data. I got through most of it fine but then had a problem with the format of the date when adding it to the data. To solve this I had to select the dates year and turn it into a string and then use concat to bind the rest of the date. I tried to use JSON.stringify() on the date object but that didn’t work.  I then moved onto the edit match functionality which I also completed. The main problem I had was loading the away team into the combo box. I tried to use $(#”ID”).val() to set it but it wouldn’t work. I tried a bunch of others such as using getElementByID and that didn’t work. So I had to use the function which populated the combo box and then see if the values match when populating the combo box and if so setting it to selected. Both of the tasks was completed in the end. |
| 10th may 2021 | 2 hours | I added data for two more leagues, so users have more data to search and filter. I had to add some more functions to deal with populating combo boxes depending on which league is selected. This was not too difficult as most of the code was already there. |
| 13th may 2021 | 3 hours | I just finished some little final details such as added a delete option and made sure the user can filter by league. I also added an @media method in my css class to make the filter box dynamic because it all squeezed together when the page got smaller.  I also spent a bit of time testing the page to make sure the functionality was working properly. |
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