

SoccerScore

# Introduction

- SoccerScore is a football website that contains useful information such as the league table, fixtures and results regarding the English premier league and is easy to use and follow.
- The motivation for this project was to create a website that was not full of unwanted and unnecessary information that the user might not want or need.

# Frontend



- The frontend of the website was designed and created by using react, JavaScript and CSS. Using API's, I pulled data required for the league table, fixture and results and stats.



# Backend



- The backend of the website works with mongo db atlas to store and fetch the account information for the users to login and sign-up. The backend also fetches the user's favorite team to display information on the favorites page.

# Project Schedule

Epic	JAN	FEB	MAR	APR
> <a href="#">SOC-10 Add Fixtures to homepage</a>				
> <a href="#">SOC-11 Add Results to homepage</a>				
> <a href="#">SOC-12 Create Profile setup and add lo...</a>				
> <a href="#">SOC-13 Create stats page</a>				
> <a href="#">SOC-14 Create favourites page</a>				
> <a href="#">SOC-18 Create homepage</a>				
> <a href="#">SOC-19 Add League table to homepage</a>				
> <a href="#">SOC-20 Find and Add API to the project</a>				
> <a href="#">SOC-22 Project Recording/Demo</a>				
> <a href="#">SOC-23 Project Report and Poster</a>				
> <a href="#">SOC-25 Website Redesign</a>				
+ Create Epic				

# Problems Encountered

- When first working with the API for the league standings on the homepage I encountered an issue with sending multiple requests at one time. I am currently using the free version of the football API which only has 100 requests a day. To fix this I used `useEffect` which is a component within `react`.
- Another problem encountered was if a user had not logged in and tried to access the favourite teams page the website would throw an error. To correct this I made a redirect to the login page if the user had not logged in already.
- I encountered problems with using mongo DB locally. In order to continue with the project I used mongo DB atlas.

# Conclusion

- The Home page of SoccerScore displays a welcome message and a live table of the current English premier league standings.
- The Fixtures and Results page displays the fixtures and results for the English premier league for the 2021/22 season.
- The stats page displays the leagues top 10 scorers and the leagues top 10 assists. It also displays the top 10 players with the most yellow and red card for this season.
- The profile page has a login feature to allow the user to login into their account and display fixtures and results for their favorite team. It also shows them a squad list for that team. If the user does not already have an account, there is a signup feature that allows them to create their login and choose a favorite team.