ES 6 Part 2 - Assessment

Introduction

You are working as a developer at XYZ Technologies, and your organization has recently partnered with a Football Club Association that manages multiple football clubs and their players. The association has requested a prototype web application that will help them manage and display player information across various clubs.

As part of the development team, you have been assigned to build a data-driven JavaScript application using a sample dataset of football players.

Objectives of the Assessment:

✔ Write clean logical code to accomplish every task.
✔ Use the concepts of ES-6 studied so far where needed.
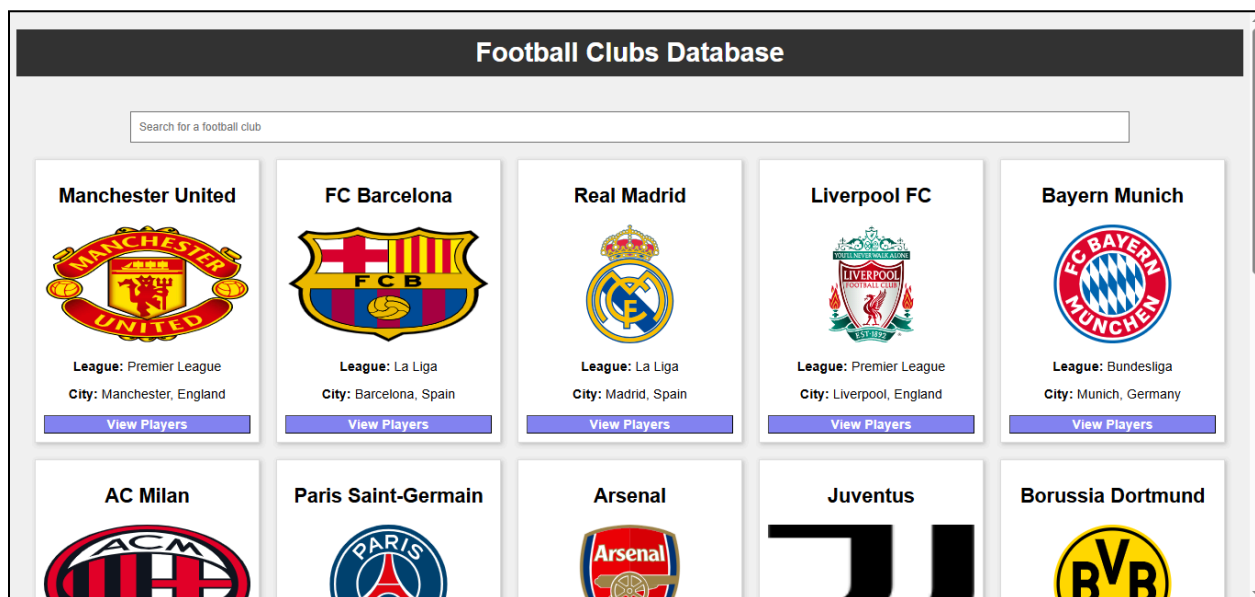✔ **Write clean and error-free backend** JavaScript logic.

Problem Statement

Implement the following tasks:
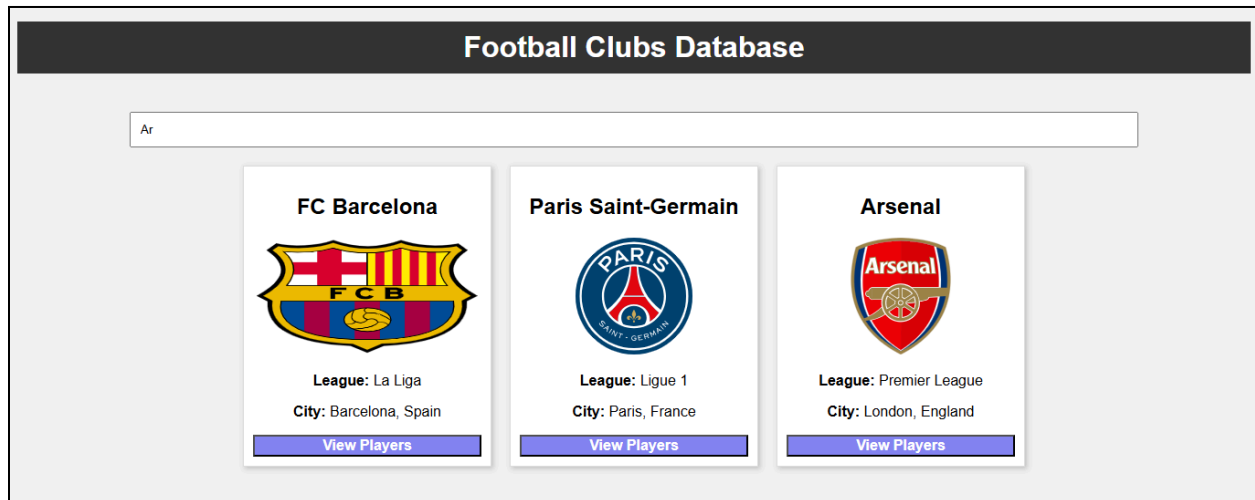**Note:** *use only one html page and update the page when needed.*

1. **Display all Clubs**
   - **Create a function `displayClubs`** that takes an array of football club objects.
   - Use a `map` to generate all Club cards and insert them into the element with an ID `club-list`.
   - Add **onclick** attribute to call function **handleClubClick** to the card container.
   - Add **onclick** attribute to call the function **viewClubPlayers** to the "**View Players**" button.

2. Search Football Club

- **Add an event listener to the search input** field and pass the function **filterClubs** to it.
- Create a function **filterClubs** without any parameters.
- Use the function to **find the value in the search box and search the value** in the footballClub database with the **club name, club city,** or **club league**.
- **Display the footballClubs which match the criteria** on the webpage with a **displayClubs** function.

3. Display Club Details

- Create a function **handleClubClick** with one argument(element).
- When any club card is clicked, the card element itself should be passed as the argument to the function **handleClubClick.**
- The function should find the footballClub's details from the footballClub database using the club's name and pass it to the function **displayClubDetails** as a parameter.

- Create a function **displayClubDetails** with one argument object (footballClub).
- **Reload the webpage** to display the details of the object such as **Club Name, Logo Image, League, City, Stadium, and Description** on the same web page.
- Also, create two buttons **Back** and **View Players**. The **Back** button should take us back to the Home Page. The **View Players** button should display all the player's details of the football club.

4. View Club Players

- Create a function **viewClubPlayers** with one argument(Club Name).
- **Search the footballClub database** to find the details of the club.
- **Reload the webpage** to display the details of the players of this selected club on the same web page.
- Also, create a **Back** button that can lead us back to the Home Page.

!!! Happy Coding !!!