

Front-End Technical Challenge – Sports Standings App

Goal

Build a **Single Page Application (SPA)** to manage sports tournaments. There should be three tables: Premier League, Eurobasket, Wimbledon. Users can add teams/players, input match results, and view a dynamically updated standings table.

Requirements

Functionality

- Users can **add teams/players** (start at 0 points).
 - Each team/player can play **only once** against any other.
 - **Scoring system:**
 - Win: 3 pts
 - Draw: 1 pt
 - Loss: 0 pts
 - **Standings table** auto-updates and sorts by points.
 - Table shows: Matches Played (P/M), Wins (W), Draws (D), Losses (L), Points (Pts)
 - **Data must persist** after refresh.
 - Use **React or React + Redux**.
 - Must follow **SPA principles**.
 - Frequent commits. Host code on **GitHub**.
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Designs

1. Clean & Minimal

- Layout: 3 columns – Add Team, Add Score, Standings Table
- Style: Neutral colors (white, gray, blue), modern sans-serif (Inter, Roboto)

2. Sporty & Energetic

- Layout: 3 columns – Add buttons, Match Results, Standings
- Style: Bold colors (green/orange), athletic fonts (Montserrat, Bebas Neue), flag icons

3. Table-Centric

- Layout: 2 columns – Add buttons, Standings
- Style: Cool neutrals, monospace font (Space Mono), icons for win/loss

All designs must be **responsive** and support **auto-scroll** if many teams.

Bonus

- TypeScript
 - Mobile-first design
 - Modular component structure
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Submission

- Deploy the app (e.g. GitHub Pages, Vercel, Netlify).
- Share the **GitHub repo** with setup instructions.

The image displays three mobile application prototypes side-by-side, each with a dark background and light-colored UI elements.

- Premier League:** A purple header bar with the text "Premier League". Below it is a form for adding a team with fields for "Team Name" and a blue "Add" button. Another form for adding a score with dropdowns for "Home Team" and "Away Team", and input fields for "Home Score" and "Away Score", followed by a blue "Add Score" button. At the bottom is a table showing team standings with columns for Team, P, W, D, L, and Pts. The data is:

Team	P	W	D	L	Pts
Man U	3	2	1	0	7
Liverpool	3	2	0	1	6
Arsenal	3	1	2	0	5
Chelsea	3	1	1	1	4
- EUROBASKET:** An orange header bar with the text "EUROBASKET". It shows two recent games: Lithuania vs Spain (82-77) and France vs Germany (71-71). Below this is a "Score Table:" section with a table showing game results for France, Lithuania, Spain, and Germany. The data is:

Team	W	L	D	Pts
France	0	0	1	1
Lithuania	1	0	0	3
Spain	0	1	0	0
Germany	0	0	1	1
- Wimbledon:** A green header bar with the text "Wimbledon". It has sections for "Add Player" and "Add Score". Below these is a table showing player statistics with columns for Player, M, W, L, and Pts. The data is:

Player	M	W	L	Pts
Djokovic	9	5	4	15
Alcaraz	7	4	3	12
Nadal	6	3	3	9
Murray	5	2	3	6
Zverev	4	1	3	3