

For Mini-Assignment #1, I built a player search interface using React. The goal of the page was to let users type in a name and instantly filter through a list of NFL players, then click a player to see detailed stats. I set up the project using Vite, created the main page component, and added separate components for the search bar, player cards, and the expanded player detail view.

A big part of the work was organizing all the player data into a clean `players.js` file. I updated every player entry with real stats and fixed all the headshot links so the images display correctly. I also focused on making the UI feel more modern by simplifying the layout, improving spacing, and making sure elements lined up cleanly.

After building the components, I tested the search functionality to make sure filtering worked in real time and that selecting a player correctly showed their full profile. I checked responsiveness and cleaned up any errors or broken images. Overall, this assignment helped me get more comfortable with React structure, passing props, organizing data files, and making the UI look clean and professional.

I also kept the project organized using a clean folder structure. The components folder stores reusable UI pieces like the search bar, player card, and player detail panel. The pages folder holds the main Player Search page, and the data folder contains the updated `players.js` file with corrected ESPN headshots. This structure made it easier to update images, fix player stats, and continue improving the UI without confusion.

