Capstone 1 Project proposal

The goal of my first web app is to allow users to search, view and store selected Football player/s from all or select leagues to view their profile and bio including image if available. To research based on stats covering all their performance data.
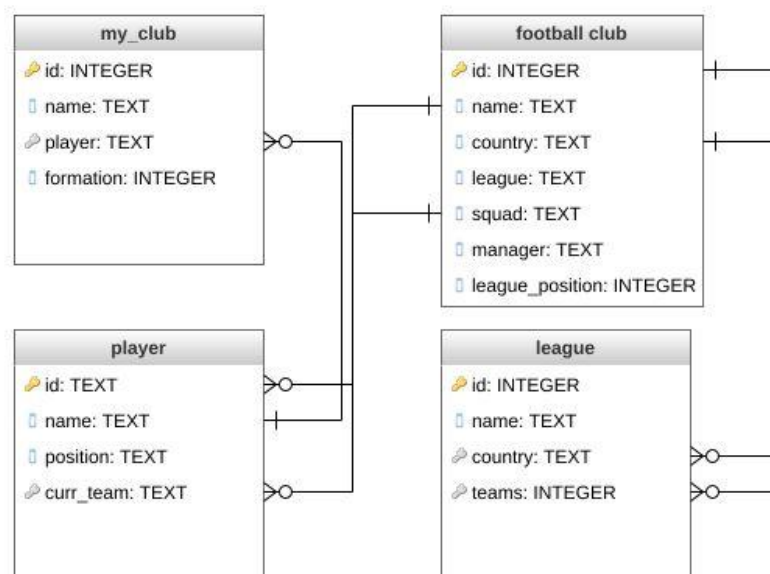The site is targeted at a demographic of ages 15 to 30 allowing an easy approach but holding a level of complexity if the user chooses to dig deeper. My aim is to provide a clean, commercial experience that has the capacity to be built upon.

I have selected a suitable API giving access to detailed player, league and club data including the following:

- Player bio - Headline stats
- Player image - where available
- Player performance:
  - Player club history/Transfer fee data
  - International history
  - Minutes played
  - Goals and assists
  - Injury record
  - Caution history
  - Current value data
- Club data to include:
  - Club image/logo
  - Origin/incorporation information
  - Honors
  - Historical player list

DB Schema

First draft and likely to adapt during the project.

This schema shows the key data yet during the project I'll likely incorporate additional information on players. At this stage, I'm unsure how much I'd like to add to DB vs keep within the API calls. I'm concerned about response time so where possible I'd like to add additional depth to my database.

My Club

This feature will allow users to create their own team and will require login credentials. This information will be stored securely as well as the team information.

User Flow

The below shows a basic outline of the user experience which is also subject to alteration and addition.