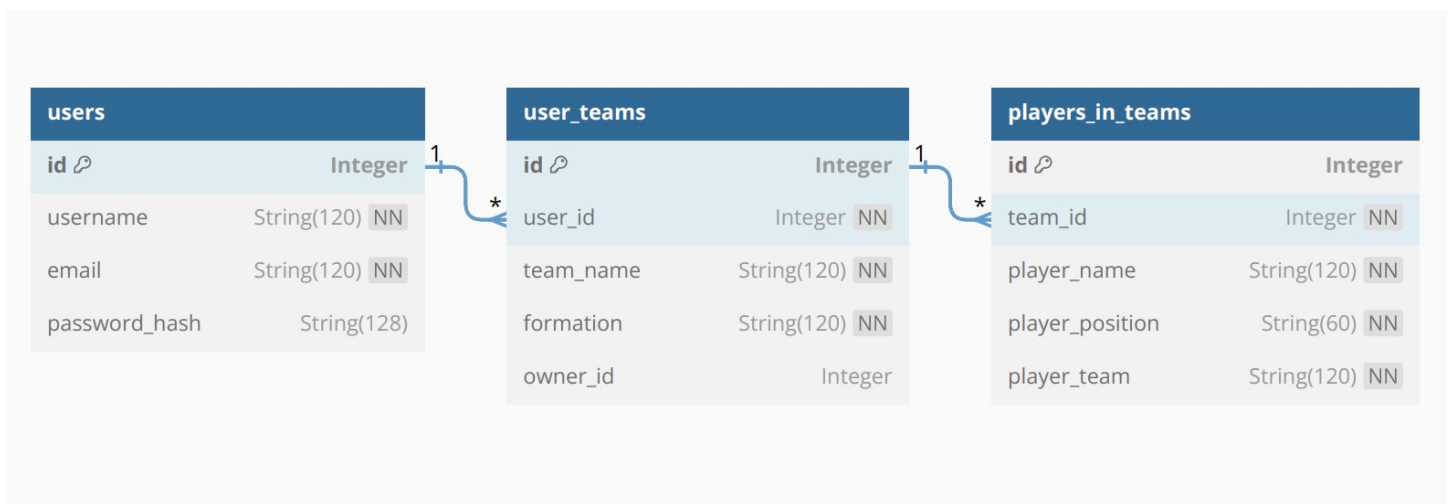# Capstone 1 Project proposal

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
  - International history
  - Minutes played
  - Goals and assists
  - Injury record
  - Caution history
  - Current value
- Club data to include:
  - Club image/logo
  - Origin/incorporation info
  - Honours
  - Historical player data

DB Schema

users	
id 🔑	Integer
username	String(120) NN
email	String(120) NN
password_hash	String(128)

user_teams	
id 🔑	Integer
user_id	Integer NN
team_name	String(120) NN
formation	String(120) NN
owner_id	Integer

players_in_teams	
id 🔑	Integer
team_id	Integer NN
player_name	String(120) NN
player_position	String(60) NN
player_team	String(120) NN

The basis of the database schema allows for stored user information as well as selected team name, formation and players currently selected within each team by user. The actual players set in their formations will be stored in local storage as its not sensitive information.

My Team

This feature will allow users to create their own team and will require login credentials to progress. The user credentials will be stored in the DB as above.

User Flow