

Football Player Search

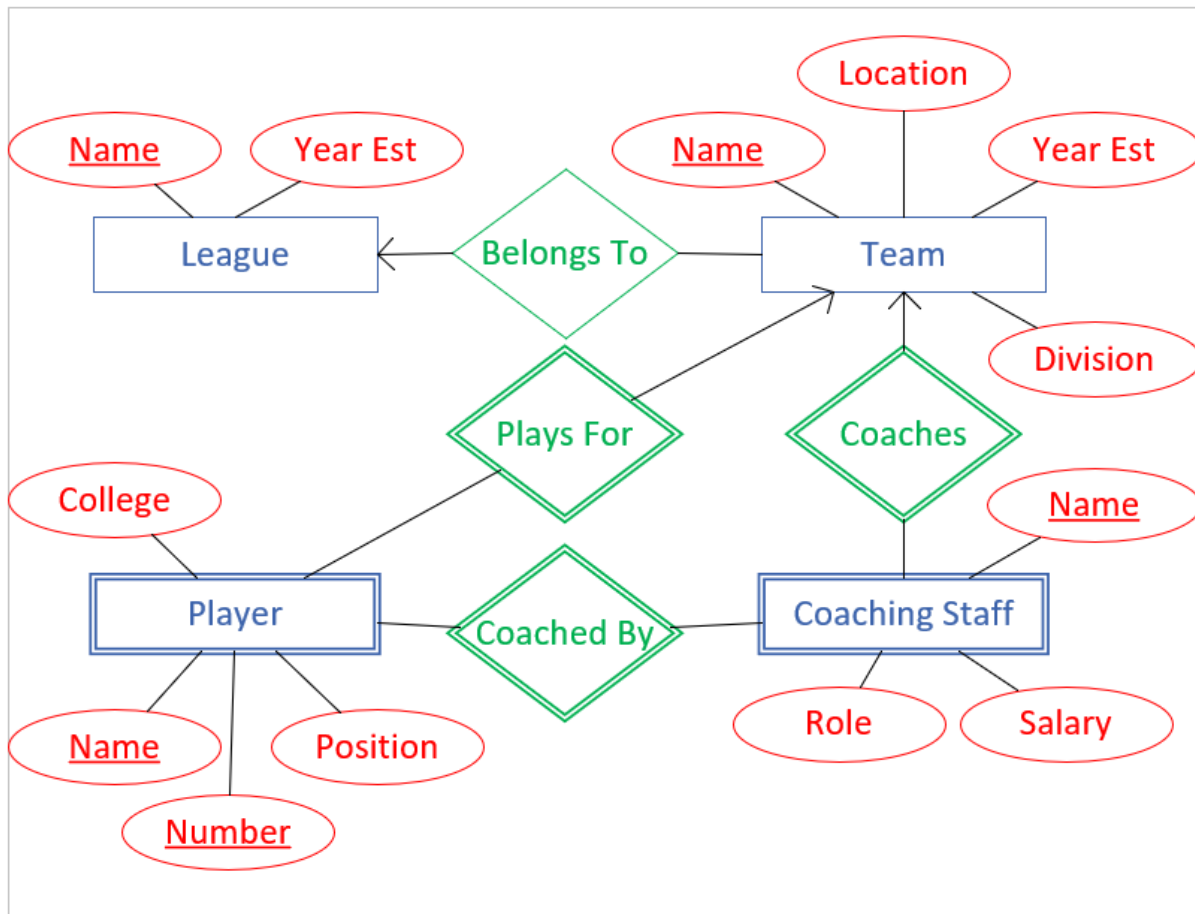
Description:

This application searches for any American football player in any organized league. It also keeps track of the coaching staff and coaches that the players play under.

Application Requirements:

- Application would use a “search filtering” feature to allow the user to search for a team, player, or coach to bring up suitable results.
- Entity Sets:
 - League: There are several leagues with multiple teams and every league has a unique official name. Examples include NFL and NCAA. For each league, we know the year established as well as its name.
 - Team: Within each league there are several teams, and for each team we know its name, division, location and year established. Within each division, no two teams have the same name. Each team may have multiple coaches and multiple players.
 - Coaching Staff: For the coaching staff we know their names, roles, and salaries. Each coach belongs to the coaching staff of one and only one team, however each team may have any number of coaches.
 - Players: Every player plays in a position on the team. We also know their name, number, and college of attendance. No two players can have the combination of the same name and number. Each player can be coached by many coaches and each coach can coach multiple players. (Is a supporting relationship appropriate for “coached by”?)

E/R Schema for Football Player Search:



Group Contributions:

Everyone collaborated together in one google Doc and met outside class hours to work on this report together.

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