**For Players**

Attributes:

* Player name
* Player number
* Position
* Age

Fields Required:

* playerName (String)
* playerNumber (int)
* position (String)
* age (int)

Constructors Required:

* Player(String playerName, int playerNumber, String position, int age)

Validations Required:

* Ensure player name is not empty
* Ensure player number is positive
* Ensure age is non-negative

Functions a Player Performs:

* performAction(): A placeholder method for actions specific to the player in a sport.

**For Teams**

Attributes:

* Team name
* List of players

Fields Required:

* teamName (String)
* players (List<Player>)

Constructors Required:

* Team(String teamName)

Functions a Team Performs:

* addPlayer(Player player): Adds a player to the team.

**For the League**

Attributes:

* League name
* List of teams

Fields Required:

* leagueName (String)
* teams (List<Team>)

Constructors Required:

* League(String leagueName)

Functions a League Performs:

* addTeam(Team team): Adds a team to the league.