Assume we have the following application that models football teams, the games they play, and the players in each team. In the design, we want to capture the following:

* We have a set of teams, each team has an ID (unique identifier), name, and to which city this team belongs.
* Each team has many players, and each player belongs to one team. Each player has a number (unique identifier), name, start date, and shirt number that he uses, and different addresses.
* Some of these teams can play matches, For each match we need to keep track of the following:
  + The stadium name
  + The date of matches which must be unique for each match.
  + The results

**Design an ER diagram to capture the above requirements. The ER must display the cardinality and the participation?**