* **EXERCISE ONE**

-We have to set up a database to deal with any sporting event.

-We must keep track of *teams, score, managers, players, matches*.

-We assume 2 *teams* can play each other at the same time.

-*Teams* can have unlimited number of *players*

-*Teams* can have an unlimited number of *coaches* and *managers*

-*Match* can have *winner, loser or tie*

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| --- | --- | --- | --- |
| **Team**  TeamID  TeamName | **Roster**  RosterID  TeamID  PersonID  PersonTypeID | **Person**  PersonID  PersonName | **PersonType**  PersonTypeID  PersonTypeDec |
| **Match**  MatchID  MatchDescID  MatchDate |  | **ScoreBoard**  ScoreBoardID  MatchStatsID  TeamID  PersonID  ScoreMinute  TypeOfScoreID | **TypeOfScore**  TypeOfScoreID  TypeOfScoreDesc |
| **MatchDesc**  MatchDescID  MatchDesc | **MatchStats**  MatchStatsID  MatchID  RosterID  MatchDate |  |  |