NBA Database

Normalization

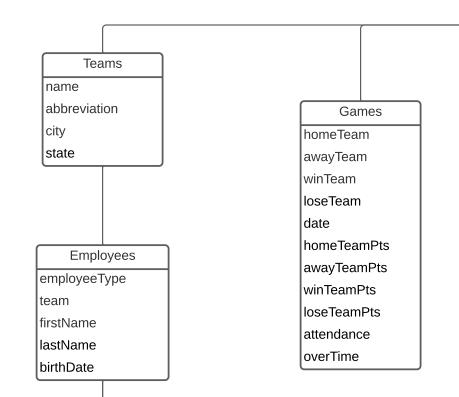
Players

height

weight

jerseyNum

Aggregation



Coaches

yearsOfExperience

Players

{employeeType,
firstName,
lastName,
birthDate,
attribute: {height, weight}
jerseyNum,
positionDesc,
team: {teamName, abbreviation, city, state}}

Games

Coaches

{employeeType, firstName, lastName, birthDate, yearsOfExperience, team: {teamName, abbreviation, city, state}}

Notes

- 1. home team != away team
- 2. teamID/employeeID relationship is 5 to 15 players and 1 coach per team before recording a winning/losing result
- 3. No team can play twice on same day
- 4. Players can play multiple positions
- 5. Team can not trade with them selves
- 6. Home team can not be the away team