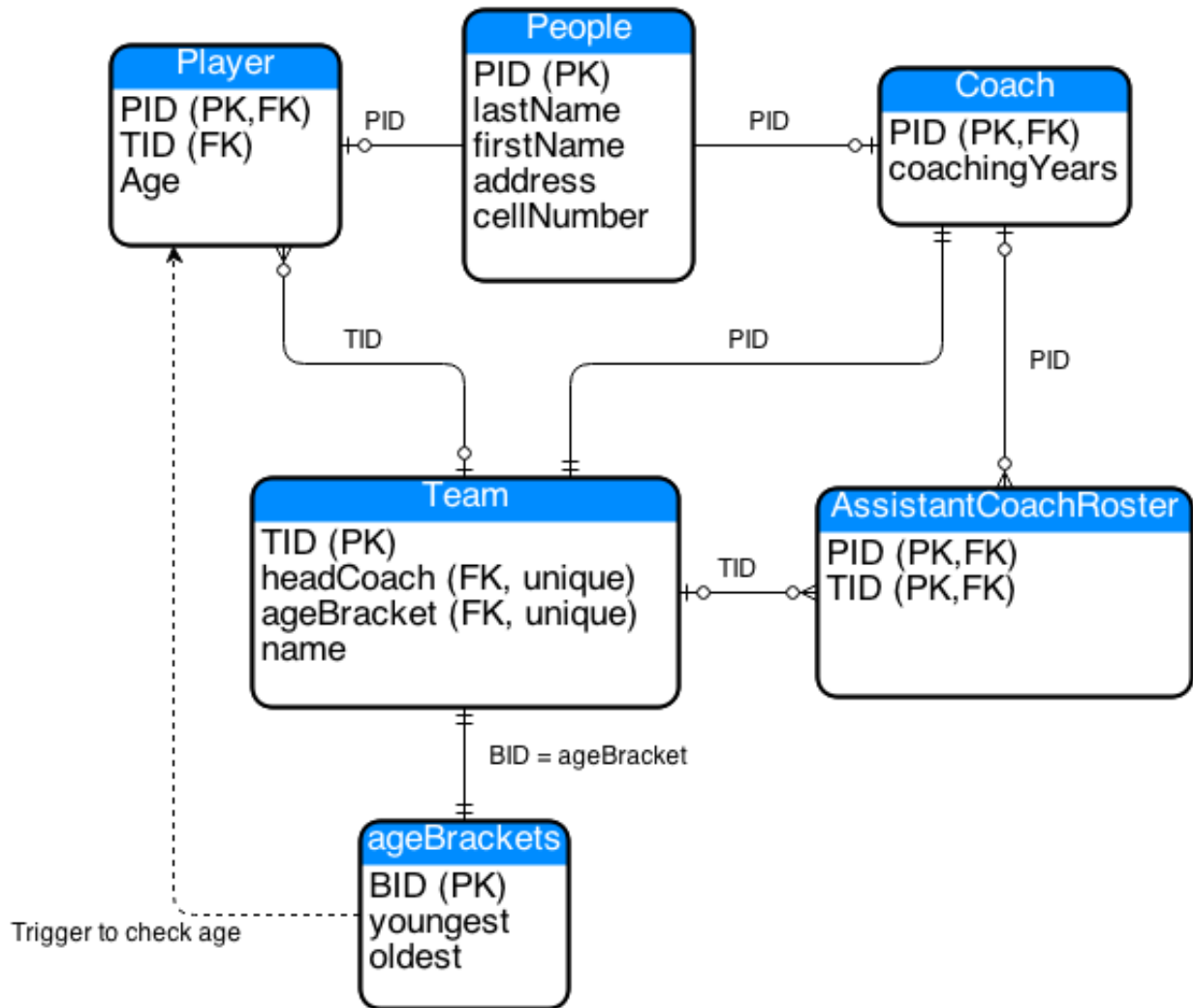


To Gorn Hegemony,

Regarding the CestusIII little league baseball alliance, here is a tentative design of the database for the league.



The functional dependencies are as follows:

People: PID -> lastname, firstname, address, cellnumber

Player: PID -> tid, age

Coach: PID -> coachingyears

AssistantCoachRoster: (PID, TID) ->

ageBrackets: BID-> youngest, oldest

Team: TID -> headCoach, ageBracket, name

As presented the tables have atomic fields, no multiple internal dependencies, have minimal primary keys, and no internal transitivity. The tables are therefore in Boyce-Codd Normal Form.

If we wanted to see all the teams in the 10-14 year old range we would use this:

--SQL statements for CestusIII little league

--Author: Anthony Cali

--View Statement

create view "Teams10-14" as

select t.TID as "TeamID", t.name, p.name

from teams t, ageBrackets ab, coaches c, people p

where t.tid = c.pid

and c.pid = p.pid

and t.ageBracket = ab.BID

and ab.youngest = 10

and ab.oldest = 14;

--Execute query

select \*

from "Teams10-14";