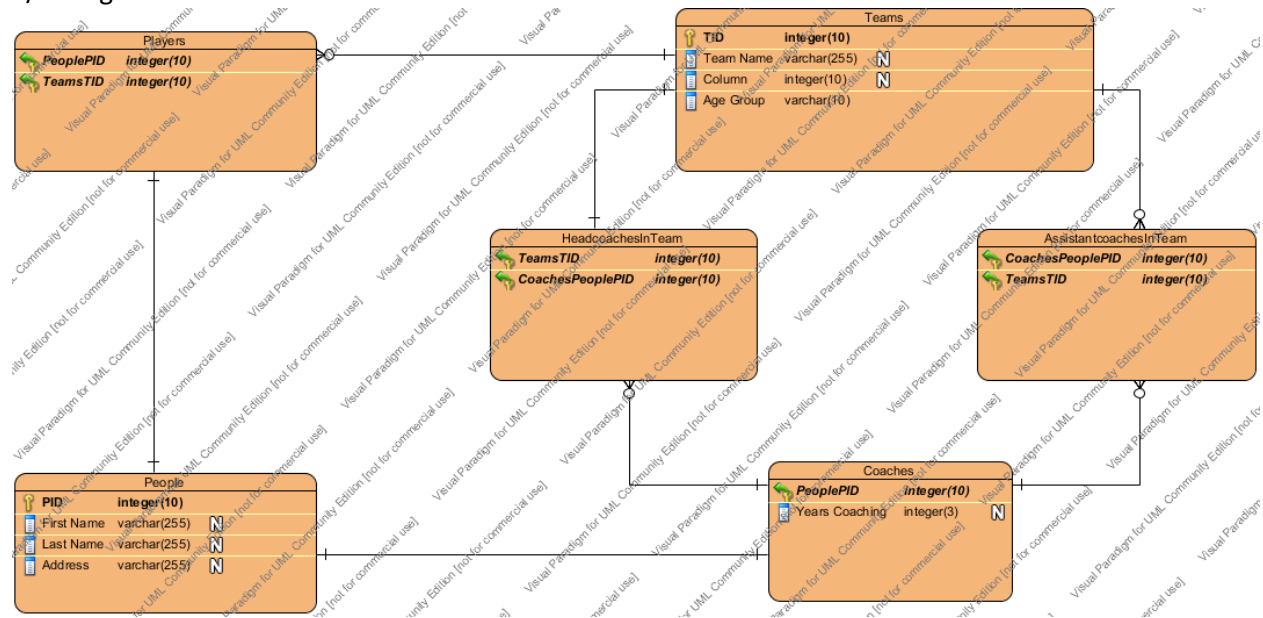


Normalization 3

E/R Diagram:



Functional Dependencies:

(People) First Name, Last name, Address → PID. Firstname, Lastname, Address are dependent on PID

(Teams) Team Name, Age Group → TID. Team Name, AgeGroup are dependent on TID

(Coaches) Years Coaching → PID. Years coaching is dependent on PID

(HeadcoachesInTeam) → TID, PID. Nothing is dependent on PID and TID

(AssistantcoachesInTeam) → TID, PID. Nothing is dependent on PID and TID

(Players) → PID, TID. Nothing is dependent on PID and TID

All of the non-key attributes are dependent on the keys of their respective tables. In People, First Name, Last Name, and Address are dependent on PID. In Coaches, Years coaching depends on the PID. In teams, Team Name, and Age Group depend on the TID of the team. The relations are also in 2nd normal form.

```
CREATE VIEW groupAge as SELECT Age_Group
FROM Teams
WHERE Age_Group= "10-14"
```