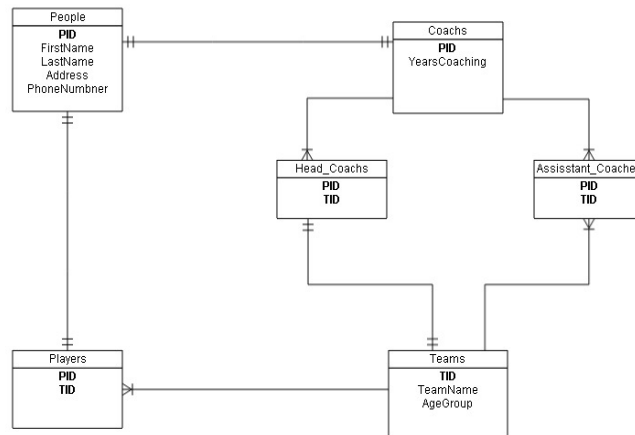


Joseph Archer
Normalization HW #3
11/13/13



Functional Dependencies

Table People

(PID) → Firstname , Lastname , Address , PhoneNumber

Table Coaches

(PID) → YearsCoaching

Table Players

(PID , TID) →

Table Teams

(TID) → TeamName , AgeGroup

Table Head_Coaches

(PID , TID) →

Table Assisstant_Coaches

(PID , TID) →

Write a view to display all the teams in the 10-14 age group

```
CREATE VIEW teams_AgeGroup_10-14 AS
Select teamname
FROM teams
WHERE AgeGroup = '10-14'
```

Prove that your database is in 3NF

My database is in 3NF. The definition of 3rd Normal Form is that an entity is in third normal form if each non primary key attribute provides a fact that is independent of other non-key attributes and depends only on the key. In my database every entity meets these requirements.