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Database Management

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Functional Dependencies

People.PID → FName, LName, Address, PhoneNum
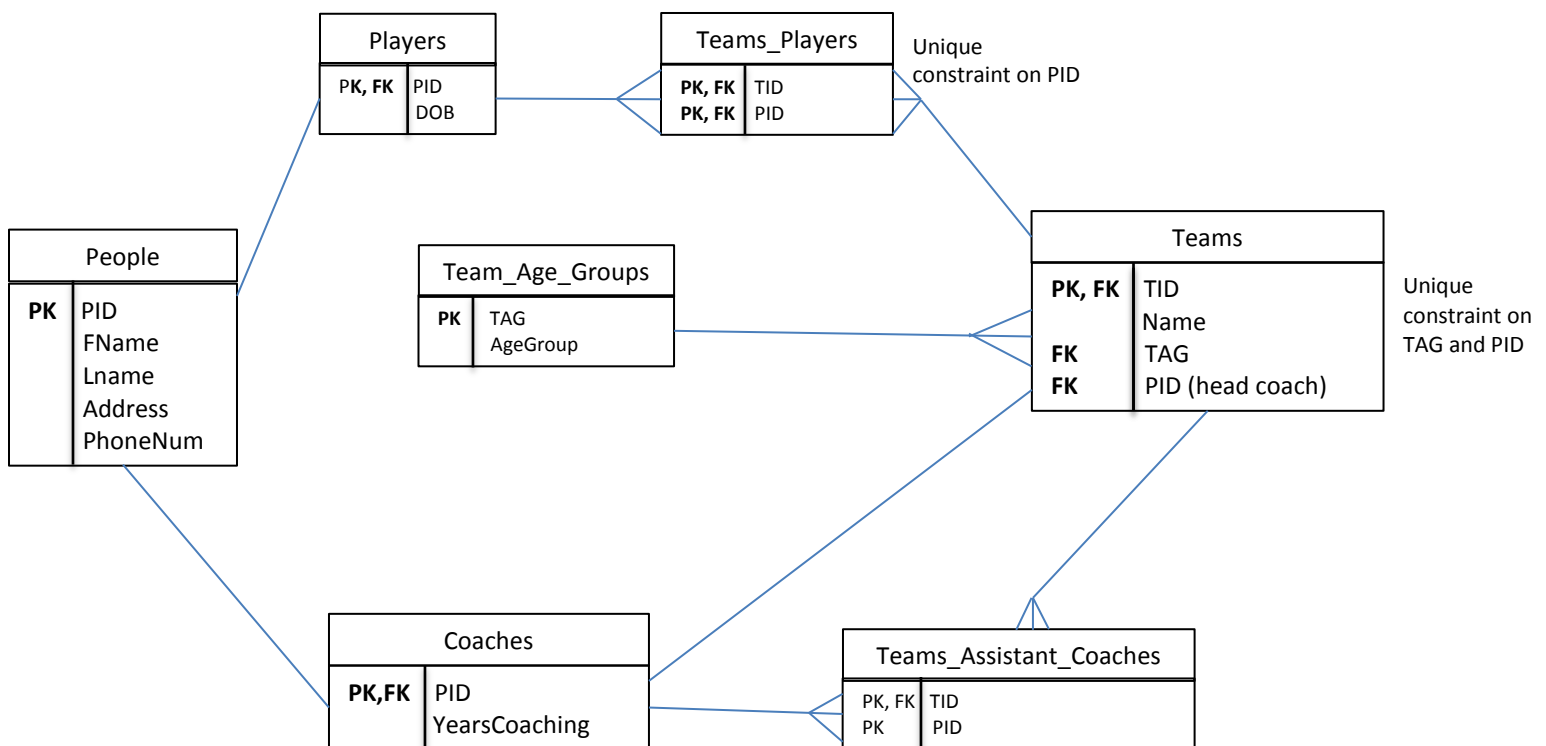
TAG →AgeGroup

Coaches.PID → YearsCoaching

Players.PID → DOB

Teams.TID →Name, TAG, PID

ER Diagram

Third Normal Form

A database is in 3NF if it 1.) fits all of the criteria of 2NF and 2.) all non-key attributes are not dependent on any other non-key attributes. In my database, all of the tables are in 2NF because there are no partial dependencies. Also, there are no instances in which non-key attributes are dependent on other non-key attributes. This leads to the conclusion that my database is in 3NF.

View

```
create view TenThroughFourteeen
as
select name
from Teams
where TAG = (select TAG
             from Team_Age_Groups
             where AgeGroup = '10-14');
```