

***Identify and document all functional dependencies***

PID > First Name, Last Name, Address, and Phone Number

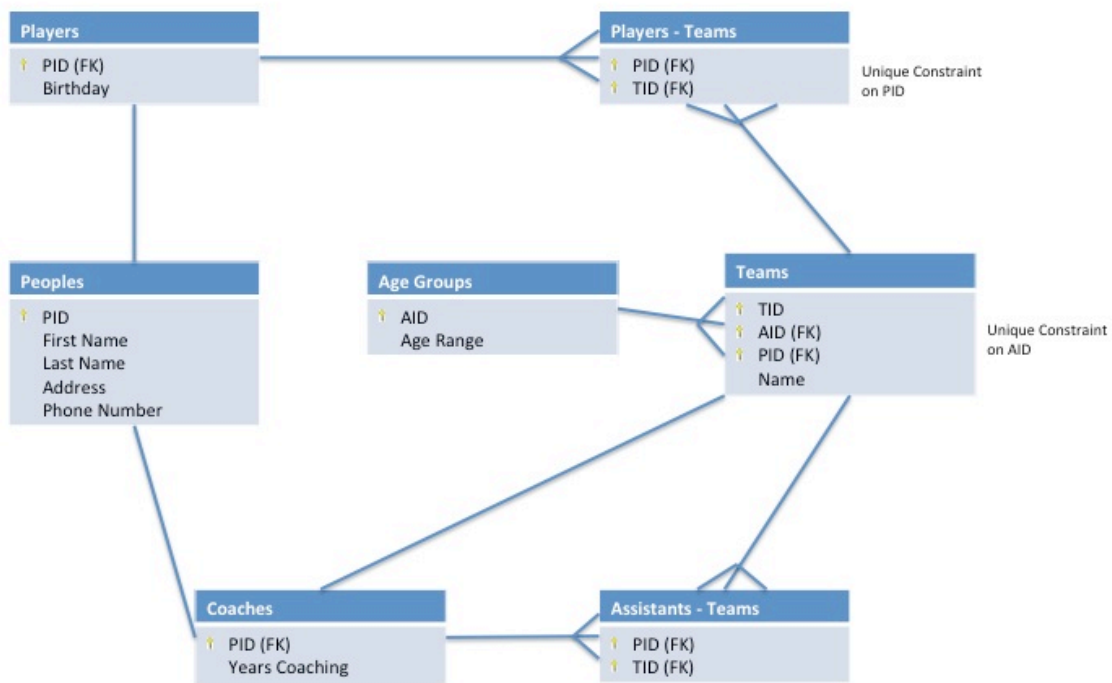
PID > Birthday

PID > Years Coaching

AID > Age Range

TID > Name, PID, and AID

***E/R Diagram***



***Prove that your database is in 3NF (or even better, in Boyce-Codd Normal Form).***

All the tables are in third normal form because they are in first normal form and second normal form. There are no partial dependencies among the tables and the tables don't contain data that isn't dependent on the primary key of that table.

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

```
CREATE VIEW 10-14Teams AS
SELECT Teams.Name
FROM Teams, Age_Groups
WHERE Teams.AID = Age_Groups.AID
      AND Age_Groups.AID = "10-14";
```