

1. Functional Dependencies

LPeople

$\text{Pid} \rightarrow \text{First_Name}, \text{Last_Name}, \text{Address}, \text{Phone_Number}, \text{Birth_Date}$

Players

$\text{Pid}, \text{AgeGroupid} \rightarrow$

PlaysOn

$\text{Pid}, \text{Tid} \rightarrow$

AgeGroup

$\text{AgeGroupid} \rightarrow \text{Group}$

Teams

$\text{Tid}, (\text{HCid}, \text{AgeGroupid}) \rightarrow \text{Name}$

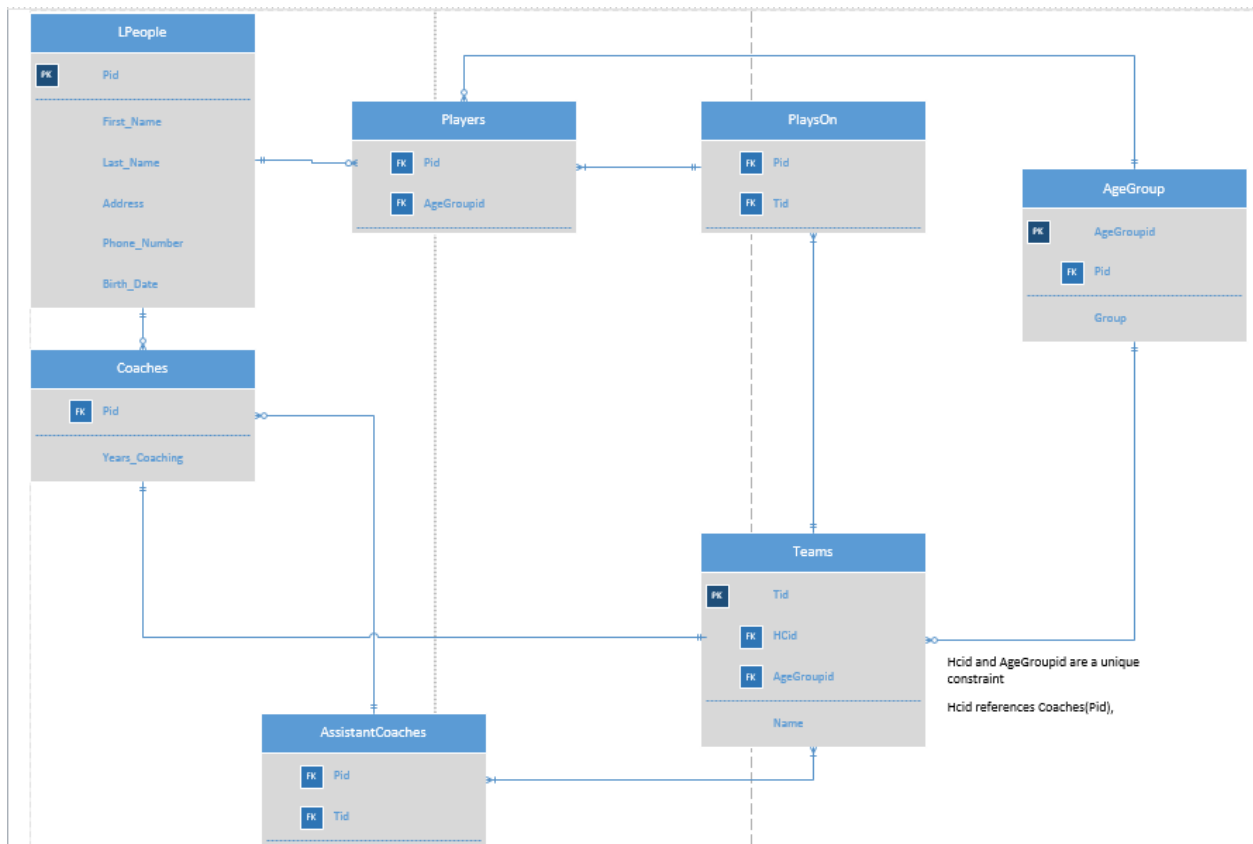
Coaches

$\text{Pid} \rightarrow \text{Year_Coaching}$

AssistantCoaches

$\text{Pid}, \text{Tid} \rightarrow$

2. ER Diagram



3. The tables are in third normal form because the tables are in second normal form and do not have multiple key dependencies.

4.

CREATE VIEW Teams

SELECT name

FROM Teams

WHERE Tid in (

 SELECT AgeGroupid

 FROM AgeGroup

 WHERE Group = "10through14"

);