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Database Management
Normalization HW 3

Functional Dependencies:

People: perid -> firstName, lastName, address, number

Players: pid -> perid, birthday

Coaches: cid -> perid, firstName, lastName, address, number experience

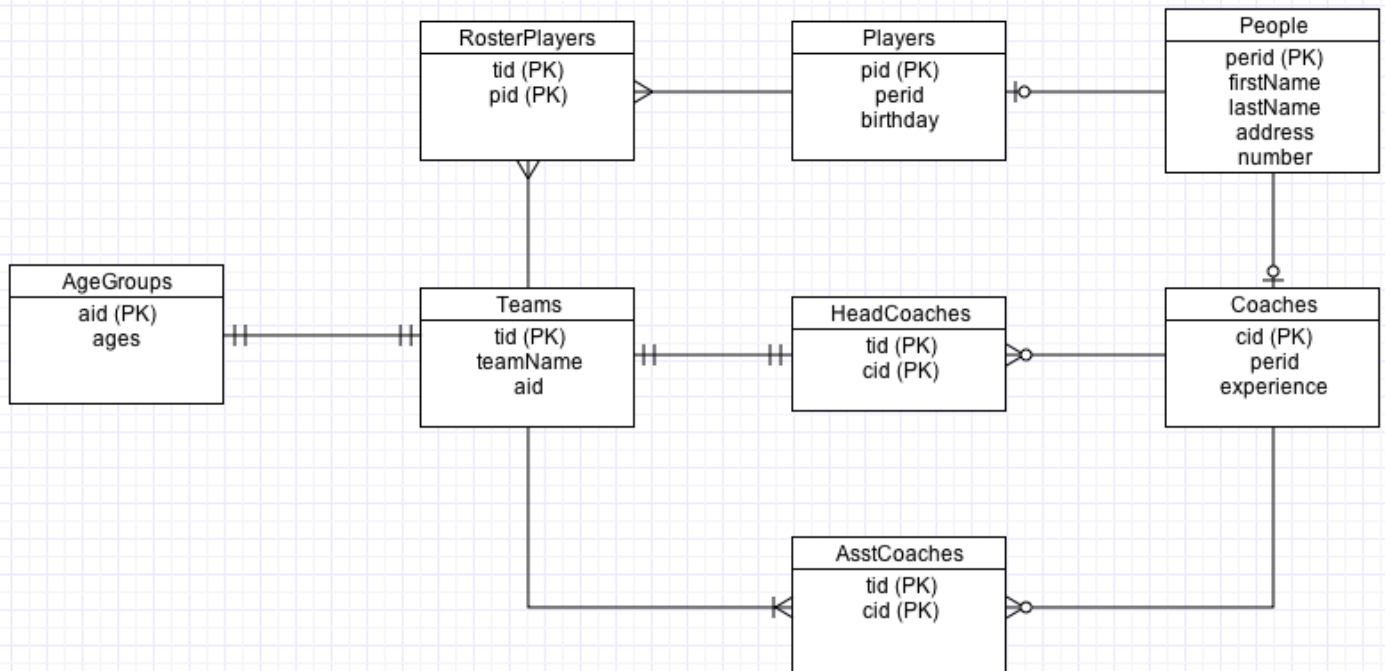RosterPlayers: tid, pid-> teamName, aid, perid, birthday

HeadCoaches: tid, cid -> teamName, aid, perid, experience

AsstCoaches: tid, cid -> teamName, aid, perid, experience

Teams: tid -> teamName, aid

AgeGroups: aid -> ages

ER Diagram:

3NF:

My database is in third normal form because there are no partial or multiple key dependencies. Each attribute it determined by the primary key. Lastly, there are no insert, update, or delete anomalies.

View:

```
CREATE VIEW Teams10to14 AS(
      SELECT teamName
      FROM teams as t, ageGroups as ag
      WHERE t.aid = ag.aid
      AND     ag.ages = '10 to 14'
);
```