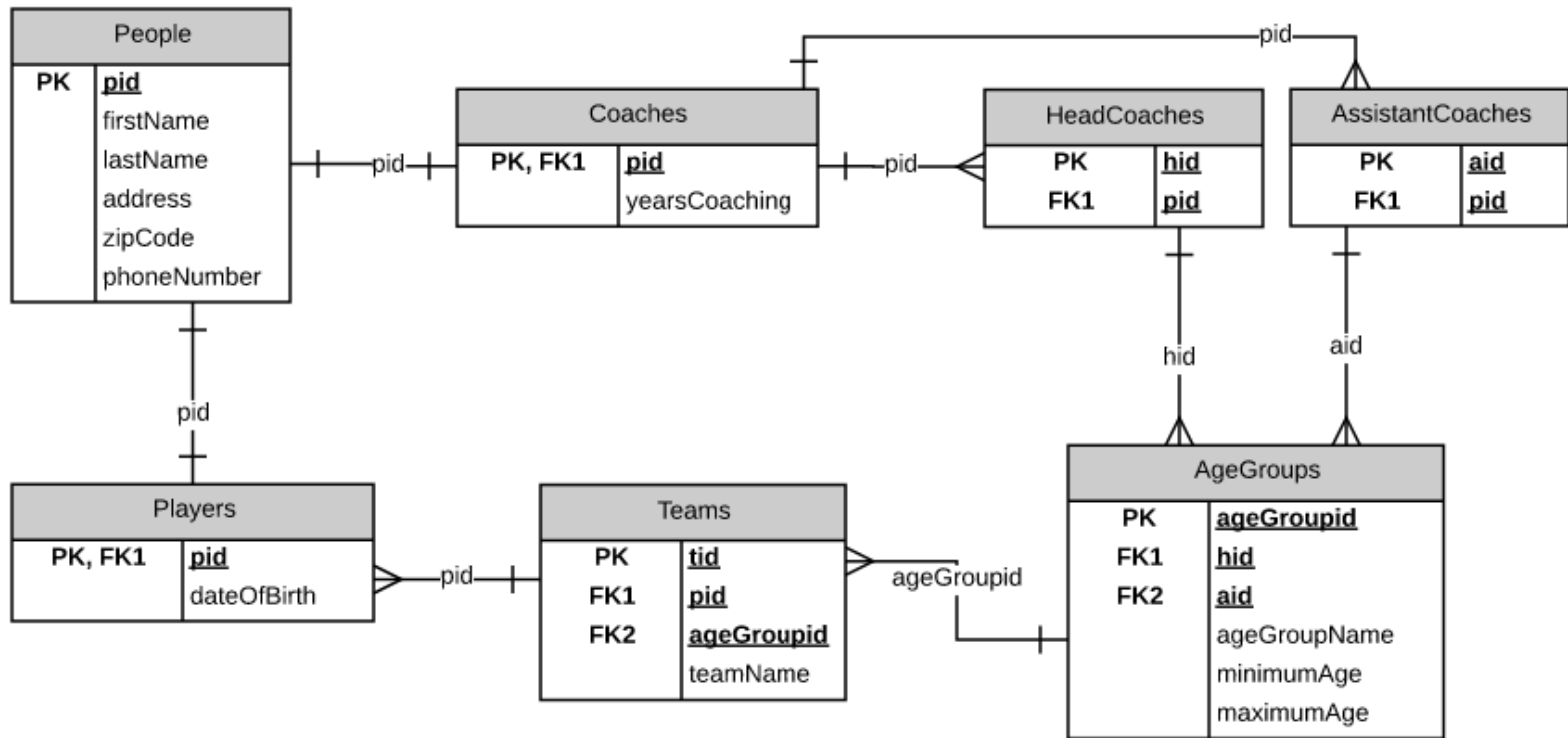


Lab 9: Normalization 3

**Functional Dependencies**

People Table $pid \rightarrow firstName, lastName, address, zipCode, phoneNumber$

Coaches Table $pid \rightarrow yearsCoaching$

Head Coaches Table $pid \rightarrow$ (this doesn't depend on anything)

Assistant Coaches Table $pid \rightarrow$ (this doesn't depend on anything)

Players Table $pid \rightarrow dateOfBirth$

Teams Table $tid \rightarrow pid, ageGroupid, teamName$

Age Groups Table $ageGroupid \rightarrow hid, aid, ageGroupName, minimumAge, maximumAge$

My database is in third normal form because each intersection of rows is independent, there are no partial key dependencies and every non-key relies on one key. My database is in Boyce – Codd normal form because each attribute represents a fact about the key, the whole key, and nothing but the key.