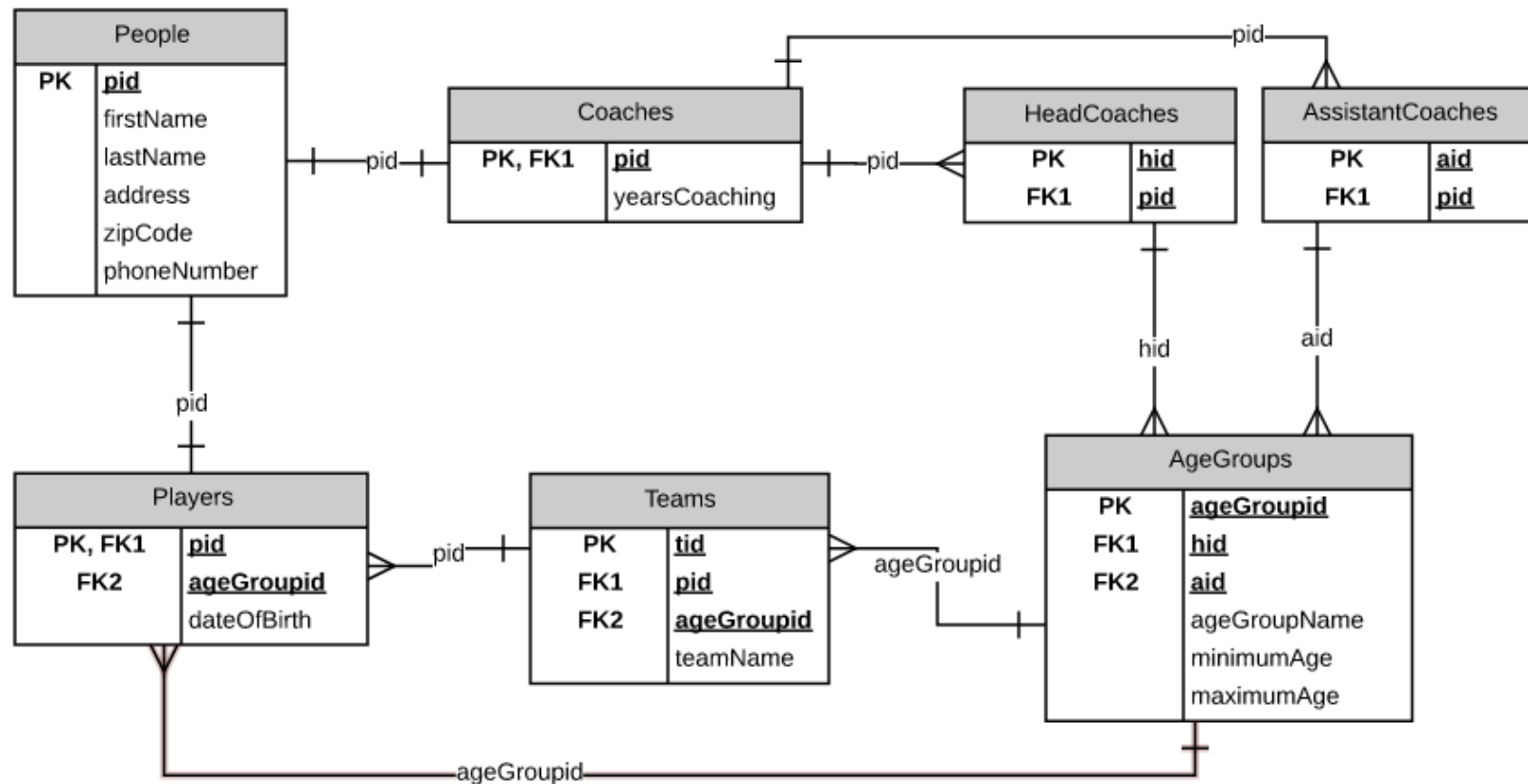


Lab 9: Normalization 3

**Functional Dependencies**

People Table pid → firstName, lastName, address, zipCode, phoneNumber

Coaches Table pid → yearsCoaching

Head Coaches Table pid → (this doesn't depend on anything)

Assistant Coaches Table pid → (this doesn't depend on anything)

Players Table pid → ageGroupid, dateOfBirth

Teams Table tid → pid, ageGroupid, teamName

Age Groups Table ageGroupid → 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.