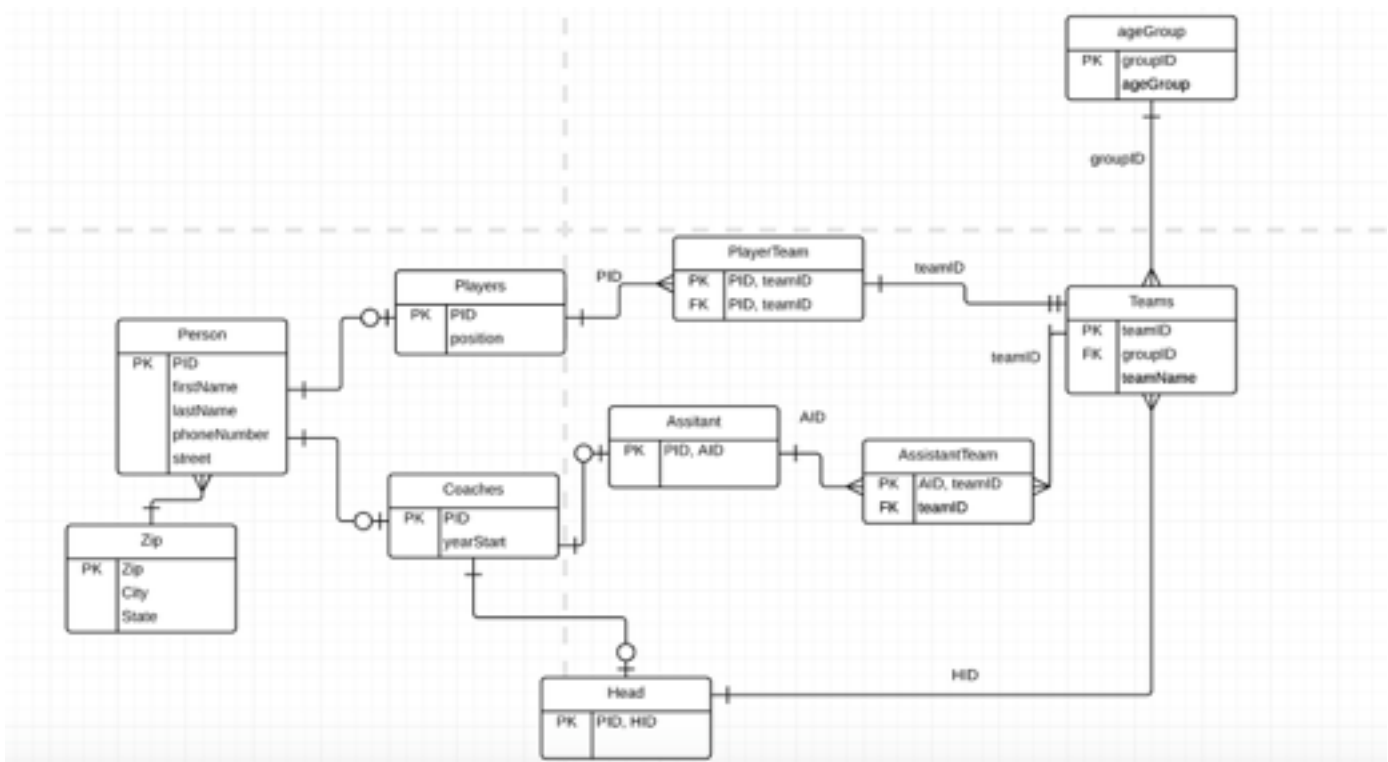


Frank Siderio

Lab 9



Functional Dependencies

PID → firstName

PID → lastName

PID → phoneNumber

PID → street

PID → position

PID → yearStart

teamID → teamName

groupID → ageGroup

Zip → city

Zip → state

3. The table is in 1st normal form because it has structure and there are no repeated data types. It is in 2nd normal because it is in 1st normal form and there are no partial key dependencies. This is in 3rd normal form because it is in 1st and 2nd normal form. Also, the non key attributes depend on the key and nothing but the key. Lastly there aren't any update, insert, or delete anomalies.