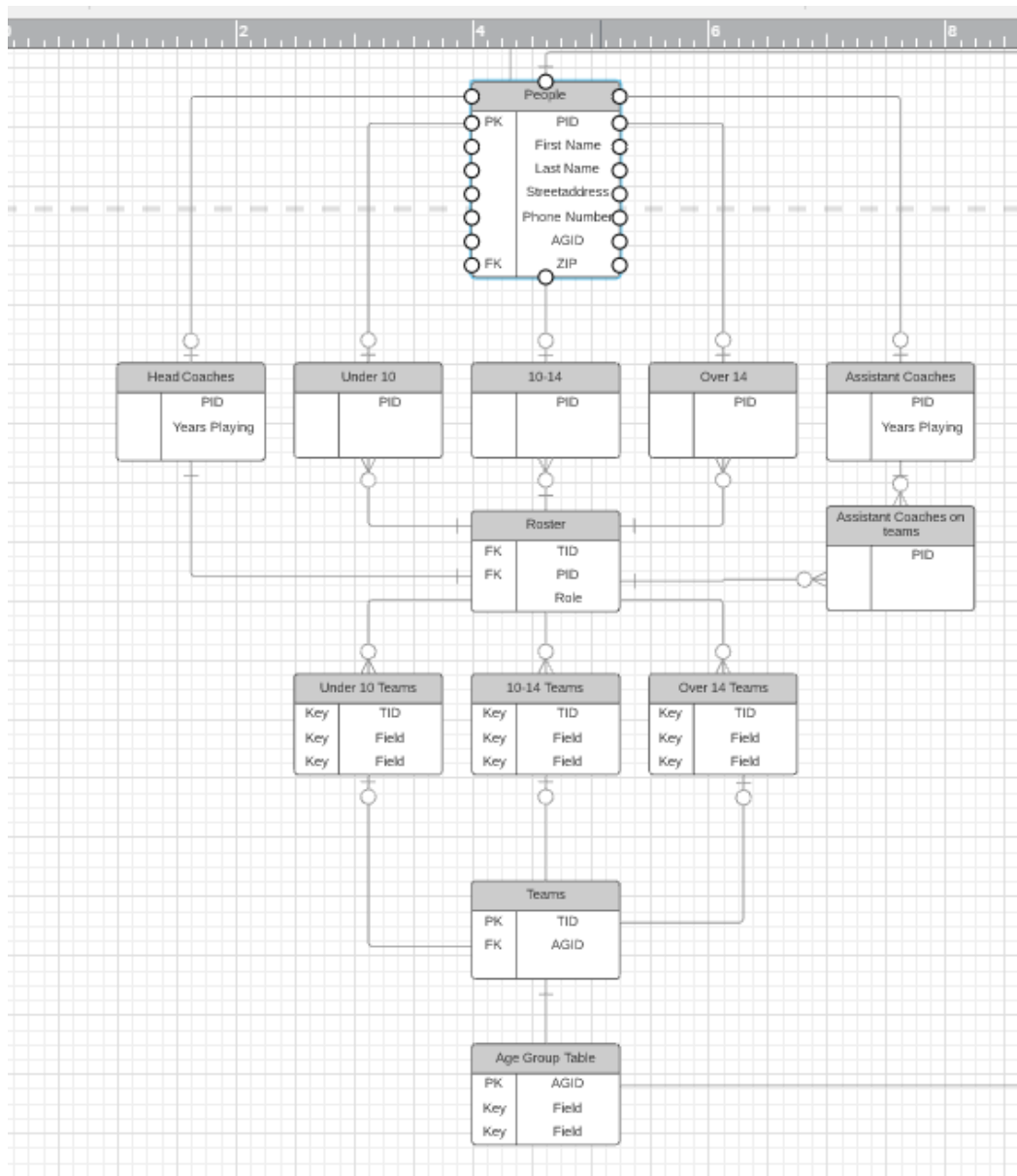


Cory Lang

Lab 9

1. Functional Dependencies
 - a. Player ID \rightarrow First Name, Last Name, Address, Phone Number
 - b. AGID \rightarrow age group
 - c. TID \rightarrow players, coaches
- 2.



3. People is broken down into subgroups of age groups of players, head coaches, and coaches. They all have one to one relationships with an optionality on the subgroup side. Many people can be on one roster and only 1 head coach can be on a roster (in different age groups). A roster may have many assistant coaches. Teams have subgroups of each age group and they are determined by the Age group table. The database is in 3rd normal form because it is in second

normal form and all the attributes in a table are determined only by the candidate keys of that table and not by any non0-prime attributes.