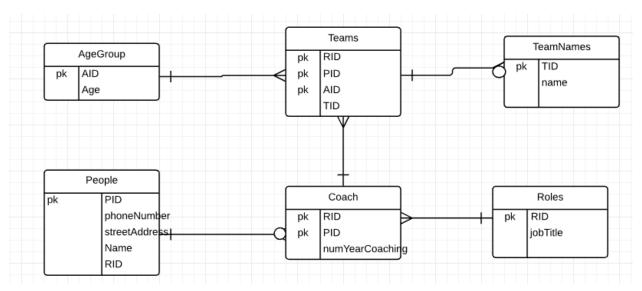Carlie Maxwell

Lab 9

1. AID → age
   {RID, PID, AID} → teamName
   PID → {phoneNumber, streetAddress, name, RID}
   {RID, PID} → numYearCoaching
   RID → jobTitle
2.

3. This diagram is in 3NF because it is in 2NF and 1NF. There are no partial key/multiple key dependencies, as each table either has 1 or a composition of primary keys. There are no extraneous columns that the rows can be determined unique by. Each person can have a role, such as coach/player/assistant coach, which then gives them a unique PID per person. This is used throughout the diagram to help prevent nulls and show exactly which person you are talking about.