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Lab 9
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1. Functional Dependencies:

        playerID → firstname, lastname, address, phonenumber
        teamID → teamName, headcoachID, agegroupID
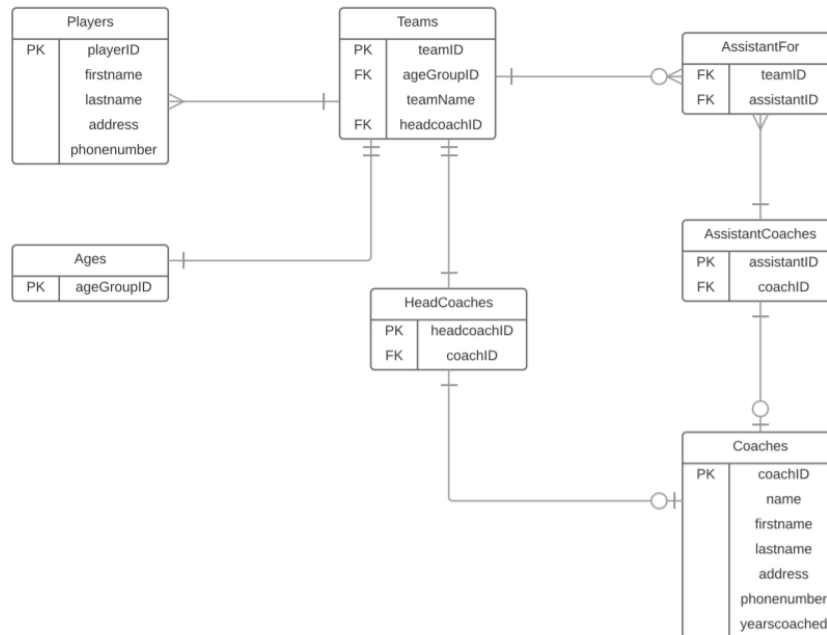   coachID -> headcoachID
        coachID → assitantID
        teamID → assistantID
        coachID → firstname, lastname, address, phonenumber, yearscoached

2.

3. This database is in BCNF. It is in first normal form because no intersection of row and columns has multiple values. It's in second normal form because it is in first normal form, and all of the non-key columns in the table are dependent on the primary key (evidenced by the functional dependencies). It is in third normal form because it is in second normal form, and all of the columns are dependent on the primary key and no other columns in the table at all. It is in BCNF because each attribute represents a fact about the key, and each primary key that this database has is a superkey.