

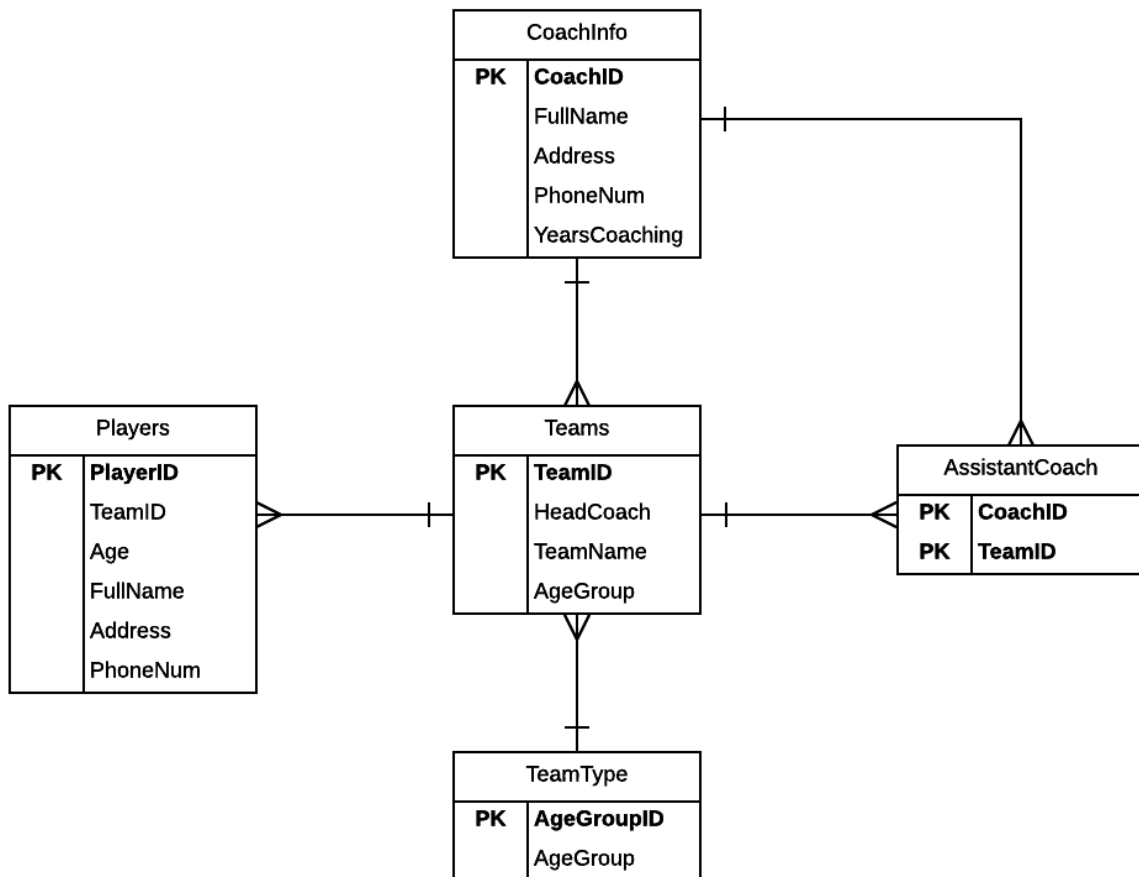
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Database Management

### 1. Functional Dependencies

- CoachInfo: CoachID  $\rightarrow$  FullName, Address, PhoneNum, YearsCoaching
- TeamType: AgeGroupID  $\rightarrow$  AgeGroup
- Teams: TeamID  $\rightarrow$  HeadCoach, TeamName, AgeGroup
- AssistantCoach: CoachID, TeamID  $\rightarrow$
- Players: PlayerID  $\rightarrow$  TeamID, Age, FullName, Address, PhoneNum

### 2. E/R Diagram:



3. Being that the table is in 2NF and there are no transitive dependencies the table is in 3NF.