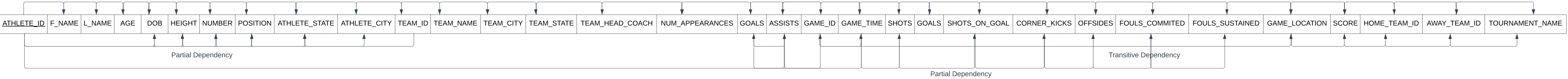


1NF:



PK: ATHLETE\_ID --> F\_NAME, L\_NAME, AGE, DOB, HEIGHT, NUMBER, POSITION, ATHLETE\_STATE, ATHLETE\_CITY, TEAM\_NAME, TEAM\_CITY, TEAM\_STATE, TEAM\_HEAD\_COACH, NUM\_APPEARANCES, GOALS, ASSISTS, GAME\_ID, GAME\_TIME, SHOTS, GOALS, SHOTS\_ON\_GOAL, CORNER\_KICKS, OFFSIDES, FOULS\_COMMITTED, FOULS\_SUSTAINED, GAME\_LOCATION, SCORE, HOME\_TEAM\_ID, AWAY\_TEAM\_ID, TOURNAMENT\_NAME

ATHLETE(ATHLETE\_ID, F\_NAME, L\_NAME, AGE, DOB, HEIGHT, NUMBER, POSITION, ATHLETE\_STATE, ATHLETE\_CITY, TEAM\_NAME, TEAM\_CITY, TEAM\_STATE, TEAM\_HEAD\_COACH, NUM\_APPEARANCES, GOALS, ASSISTS, GAME\_ID, GAME\_TIME, SHOTS, GOALS, SHOTS\_ON\_GOAL, CORNER\_KICKS, OFFSIDES, FOULS\_COMMITTED, FOULS\_SUSTAINED, GAME\_LOCATION, SCORE, HOME\_TEAM\_ID, AWAY\_TEAM\_ID, TOURNAMENT\_NAME)

Transitive Dependencies:  
GAME\_ID --> GAME\_LOCATION, SCORE, HOME\_AWAY\_TEAM\_ID, TOURNAMENT\_NAME

Partial Dependencies:  
TEAM\_ID, ATHLETE\_ID --> ATHLETE\_CITY, ATHLETE\_STATE, POSITION, NUMBER, HEIGHT, DOB

ATHLETE\_ID, GAME\_ID --> GAME\_TIME, ASSISTS, GOALS, SHOTS, SHOTS\_ON\_GOAL, CORNER\_KICKS, OFFSIDES, FOULS\_COMMITTED, FOULS\_SUSTAINED

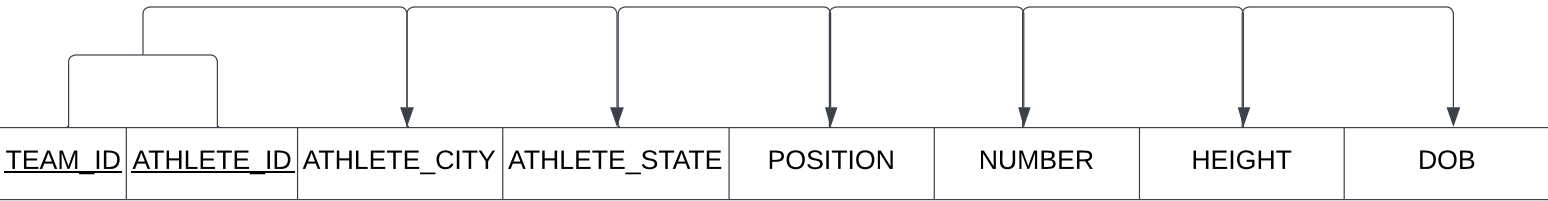
2NF:

Table Name: ATHLETE



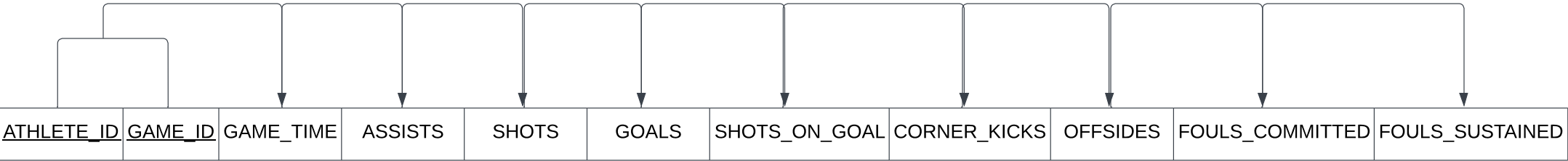
ATHLETE(ATHLETE\_ID, F\_NAME, L\_NAME, AGE, TEAM\_ID, TEAM\_NAME, TEAM\_CITY, TEAM\_STATE, TEAM\_HEAD\_COACH, NUM\_APPEARANCES, GOALS, ASSISTS, GAME\_ID, GAME\_LOCATION, SCORE, HOME\_TEAM\_ID, AWAY\_TEAM\_ID, TOURNAMENT\_NAME)

Table Name: Team Roster



TEAM\_ROSTER(TEAM\_ID, ATHLETE\_ID, ATHLETE\_CITY, ATHLETE\_STATE, POSITION, NUMBER, HEIGHT, DOB)

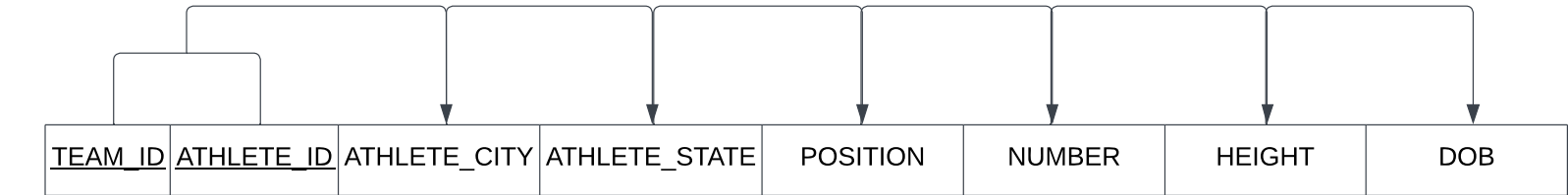
Table Name: ATHLETE GAME STATS



ATHLETE\_GAME\_STATS(ATHLETE\_ID, GAME\_ID, GAME\_TIME, ASSISTS, SHOTS, GOALS, SHOTS\_ON\_GOAL, CORNER\_KICKS, OFFSIDES, FOULS\_COMMITTED, FOULS\_SUSTAINED)

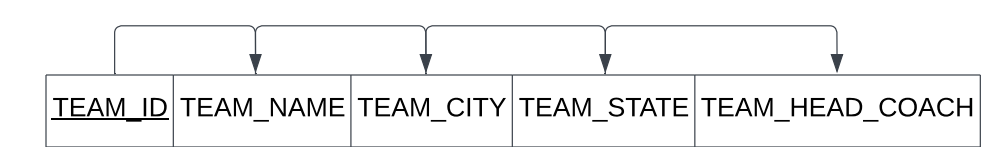
3NF:

Table Name: TEAM ROSTER



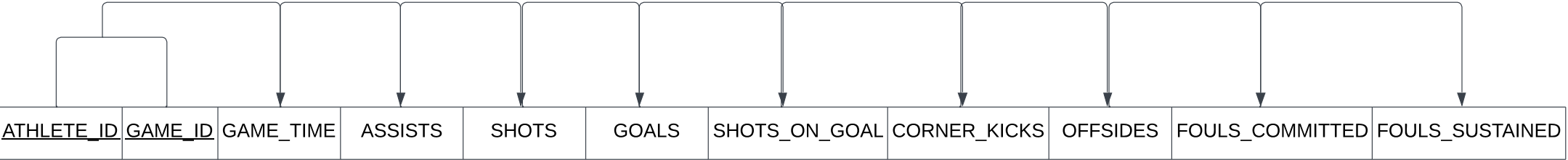
TEAM\_ROSTER(TEAM\_ID, ATHLETE\_ID, ATHLETE\_CITY, ATHLETE\_STATE, POSITION, NUMBER, HEIGHT, DOB)

Table Name: TEAM



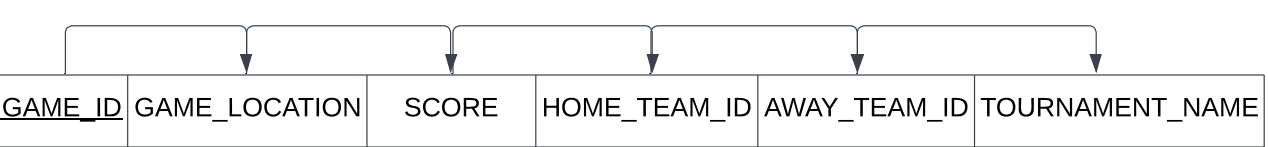
TEAM(TEAM\_ID, TEAM\_NAME, TEAM\_CITY, TEAM\_STATE, TEAM\_HEAD\_COACH)

Table Name: ATHLETE GAME STATS



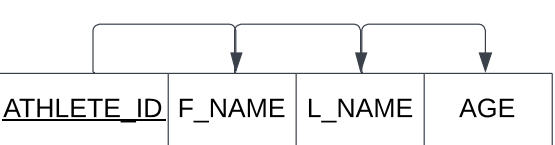
ATHLETE\_GAME\_STATS(ATHLETE\_ID, GAME\_ID, GAME\_TIME, ASSISTS, SHOTS, GOALS, SHOTS\_ON\_GOAL, CORNER\_KICKS, OFFSIDES, FOULS\_COMMITTED, FOULS\_SUSTAINED)

TABLE NAME: SEASON GAMES



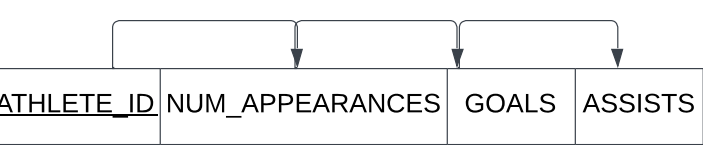
SEASON\_GAMES(GAME\_ID, GAME\_LOCATION, SCORE, HOME\_TEAM\_ID, AWAY\_TEAM\_ID, TOURNAMENT\_NAME)

Table Name: ATHLETE



ATHLETE(ATHLETE\_ID, F\_NAME, L\_NAME, AGE)

Table Name: SEASON STATS



SEASON\_STATS(ATHLETE\_ID, NUM\_APPEARANCES, GOALS, ASSISTS)