

Profile(profid, lname, fname, address, phonenumber, email, birthday, medconditions, emerglname, emergfname, emergphone, emergrelationship, datecreated)

Player(pid, gender, lname, fname, address, phonenumber, email, birthday, medconditions, emerglname, emergfname, emergphone, emergrelationship, datecreated)  
foreign key (pid) references Profile

Captain(cptnid, baddress, cardnumber, cardholder, carddate, cardtype)  
foreign key (cptnid) references Player

Coordinator(cid, yearlyisal, lname, fname, address, phonenumber, email, birthday, medconditions, emerglname, emergfname, emergphone, emergrelationship, datecreated)

Official(oid, hourlyisal, lname, fname, address, phonenumber, email, birthday, medconditions, emerglname, emergfname, emergphone, emergrelationship, datecreated)

Team(name)

League(sport, level, minplayers, maxplayers, minteams)

Season(year, sport, level, regdeadline, maxteams)  
foreign key (sport) references League  
foreign key (level) references League

Game(time, date)

Schedules(team1, team2, cid, time, date, year, sport, level)  
foreign key (team1) references Team (name)  
foreign key (team2) references Team (name) – Note: team1 and team2 must reference different teams  
foreign key (cid) references Coordinator  
foreign key (time) references Game  
foreign key (date) references Game  
foreign key (year) references Season  
foreign key (sport) references Season  
foreign key (level) references Season

Informs(cid, cptnid, message)  
foreign key (cid) references Coordinator  
foreign key (cptnid) references Captain

Suspends(cid, pid, numgames)  
foreign key (cid) references Coordinator  
foreign key (pid) references Player

Recruits(cptnid, pid)

foreign key (cptnid) references Captain

foreign key (pid) references Player

PlaysFor(pid, name)

foreign key (pid) references Player

foreign key (name) references Team

Creates(cid, year, sport, level)

foreign key (cid) references Coordinator

foreign key (year) references Season

foreign key (sport) references Season

foreign key (level) references Season

Cancels(cid, year, sport, level)

foreign key (cid) references Coordinator

foreign key (year) references Season

foreign key (sport) references Season

foreign key (level) references Season

Belongs(name, year, sport, level)

foreign key (name) references Team

foreign key (year) references Season

foreign key (sport) references Season

foreign key (level) references Season

Registers(cptnid, name)

foreign key (cptnid) references Captain

foreign key (name) references Team

IsOf(year, sport, level)

foreign key (year) references Season

foreign key (sport) references League

foreign key (level) references League

Assigns(cid, date, time)

foreign key (cid) references Coordinator

foreign key (time) references Game

foreign key (date) references Game

Officiates(oid, date, time, role)

foreign key (oid) references Official

foreign key (time) references Game

foreign key (date) references Game