Create table player(

id int not null auto\_increment,

firstName varchar(255) not null,

lastName varchar(255) not null,

positionKey int not null,

primary key (id)

);

Create table fantasyTeam(

teamId int not null auto\_increment,

teamName varchar(255) not null,

owner varchar(255) not null,

primary key (teamId)

);

Create table year(

id int not null auto\_increment,

year int not null,

primary key (id)

);

Create table fantasyTeamYear(

yearKey int not null,

teamId int not null,

rosterId int not null auto\_increment,

primary key (rosterId),

foreign key (teamId) references fantasyTeam (teamId),

foreign key (yearKey) references year(id)

);

Create table playerYear(

playerKey int not null,

yearKey int not null,

rosterKey int not null,

positionKey int not null,

teamKey int,

nflTeam int not null

foreign key (playerKey) references player (id),

foreign key (yearKey) references fantasyTeamYear (yearKey),

foreign key (rosterKey) references fantasyTeamYear (rosterId),

foreign key (positionKey) references playerPosition (id),

foreign key (nflTeamId) references nflTeam (id)

);

Create table playerPosition(

id int not null auto\_increment,

positionKey varchar(3) not null,

primary key (id)

);

Create table nflTeam(

id int not null auto\_increment,

name varchar(255) not null,

primary key (id)

);