

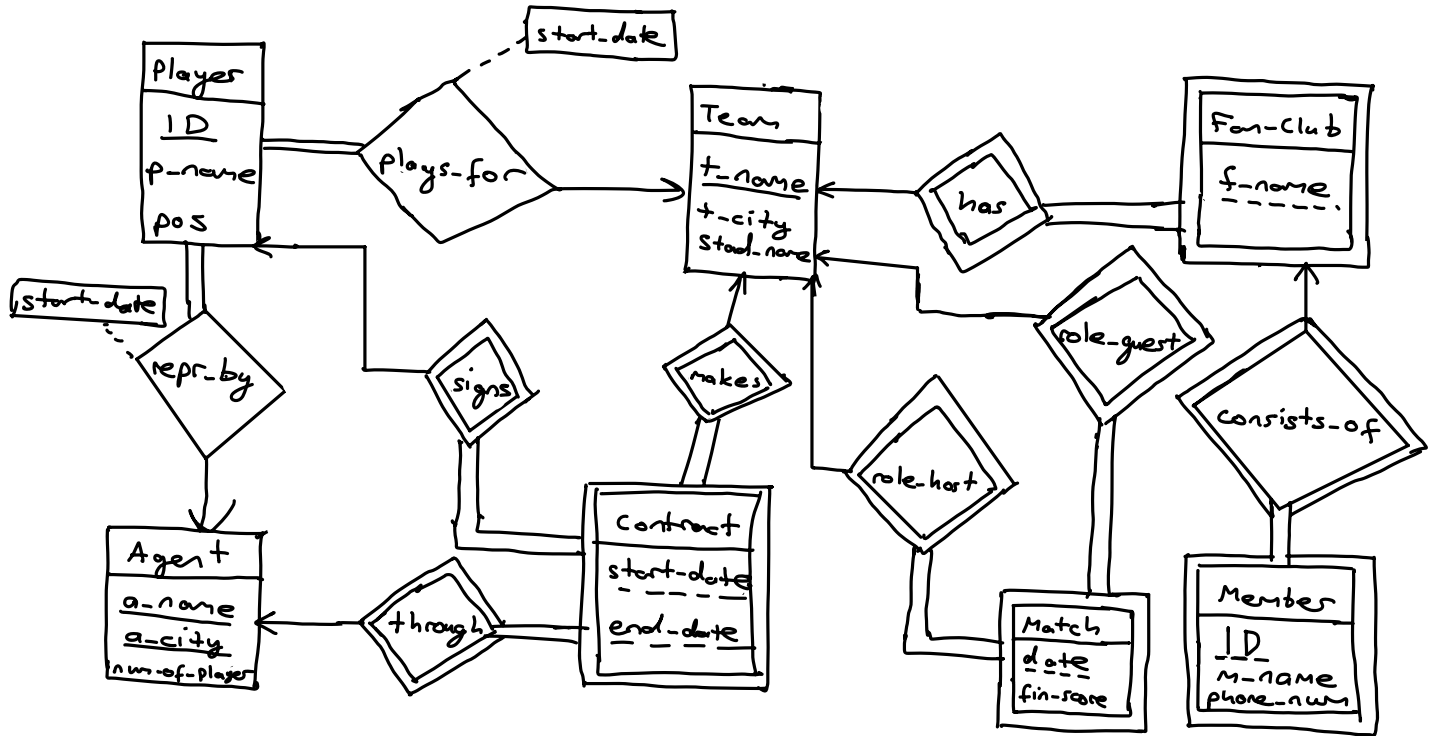
Ömer Oktay Gültekin

21901413

CS-353 Section: 2

Homework 2

Q1)



Q2)

Strong Entities:

Player(ID, p-name, pos)

Team(t-name, t-city, stad-name)

Agent(a-name, a-city, num-of-player)

Weak Entities:

Contract(a-name, a-city, ID, t-name, start-date, end-date)

(a-name, a-city): foreign key to Agent

ID: foreign key to Player

t-name: foreign key to Team

Match(h-name, g-name, date, fin-score)

h-name: foreign key to Team(t-name)

g-name: foreign key to Team(t-name)

FanClub(t-name, f-name)

t-name: foreign key to Team

Member(t-name, f-name, ID, m-name, phone-num)

t-name: foreign key to Team

f-name: foreign key to FanClub

Relations:

plays-for(ID, t-name, start-date)

ID: foreign key to Player

t-name: foreign key to Team

repr-by(ID, a-name, a-city, start-date)

ID: foreign key to Player

(a-name, a-city): foreign key to Agent

Note 1:

Primary keys of the many parts of the above relations are enough for becoming the relations primary keys (e.g. 1 player can play in 1 team. Therefore, 1 ID shows up in this relation once).

Note 2:

Weak Relations are not shown since they will be duplications of the Weak Entities.

Q 3)

