Name: Mazen Mohamed Sayed

ID: 52-2735

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mazen.elsayed@student.guc.edu.eg

Relational Schema by

User (name, password, username)

Fan (fanusername, national ID, birth_date, address, phone_number, systemadminusername, status, blocked)

Fan.fanusername Reference User.username

Fan.systemadminusername Reference SystemAdmin.username

SystemAdmin (systemadminusername)

SystemAdmin.username reference User.username

SportAssociationManager (sportasscoiationmanagerusername, ID)

SportAssociationManager. sportasscoiationmanagerusername Reference User.username

Representative (representativeusername, ID, clubID)

Representative. representativeusername Reference User.username

Representative.clubID Reference Club.ID

StadiumManager (stadiummanagerusername, ID, stadiumID)

StadiumManager. stadiummanagerusername Reference User.username

StadiumManager.stadiumID Reference Stadium.ID

Ticket (ID, matchID, status, fanusername)

Ticket.matchID Reference Match.ID

Ticket.fanusername Reference Fan.username

Match (ID, starting_time, ending_time, duration, allowed_number_of_attendees, sportassociationmanagerID, StadiumID , editType)

Match. sportassociationmanagerID Reference SportsAssociationManager.ID

Match.StadiumID Reference Stadium.ID

Where: duration = starting_time – ending_time

Club (ID, name, location, systemadminusername, status)

Club.systemadminusername Reference SystemAdmin.username

Stadium (ID, name, capacity, location, status, systemadminusername, status)

Stadium.systemadminusername Reference SystemAdmin.username

Request (representativeID, clubID, stadiummanagerID, stadiumID , matchID, is_accepted)

Request.(representativeID, clubID) Reference Representative

Request.(stadiummanagerID, stadiumID) Reference StadiumManager

Request.matchID Reference Match.ID

Plays (clubhostID, clubguestID, matchID, , host)

Plays.clubhostID Reference Club.ID

Plays.clubguestID Reference Club.ID

Plays .matchID Reference Match.ID