

## **My school community**

### **Relational database schema**

Children(u\_id, birthdate, age, y\_t, sid, school\_status)

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**u\_id references Users**

**sid references Schools**

Child\_Hobbies(cid, hobby)

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**cid references Children**

Child\_Interests (cid, interest)

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**cid references Children**

parent(pid, email, job, house\_number, st\_name, area, country)

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**pid references Users**

Parent\_Phones(parent, phone)

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**parent references Parents**

Child\_of\_Parent(child, parent, status)

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**child references Children**

**parent references Parents**

Child\_infofrom\_Parent(child,parent,birthdate\_status)

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**child references Children**

**parent references Parents**

Provided\_Hobbies(child,parent,hobby)

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**child,parent reference Child\_infofrom\_Parent**

Provided\_Interests(child,parent,interest)

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**child,parent reference Child\_infofrom\_table**

school(sid,edsystem,house\_number,st\_name,area,country)

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**Sid references Users**

Experts(eid,email,name,field,degree,reference)

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**eid references Users**

**reference references Schools**

Experts\_invited\_by\_school(expert,school)

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**Expert references Experts**

## **School references Schools**

Users(userid,username,password)

User1\_freq\_User2(sender,receiver,status)

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## **sender references Users**

## **receiver references Users**

Advertisers(aid,name,field,house\_number,st\_name,area,country)

Advertiser\_Phones(advertiser,phone)

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## **advertiser references Advertisers**

Advertiser\_incontract\_School(school,advertiser)

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## **school references Schools**

## **advertiser references Advertisers**

Advertisements(adid,aid,text)

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## **aid references Advertisers**

Advertisment\_Pictures(adid,aid,photo)

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## **adid,aid reference Advertisements**

Advertisment\_shownby\_School(advertisement,advertiser,school)

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**school references Schools**

**advertisement,advertiser references Advertisements**

Quizzes(quizname)

Questions(quizname,questionname,question,answer,min\_age,max\_age)

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**quizname references Quizzes**

Question\_answered\_by\_Users(answerer,quizname,questionname,answer)

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**answerer references Users**

**quizname,questionname reference Questions**

Discussion\_Boards(dsubject,sid)

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**sid references Schools**

Thread(sid,dsubject,thid,thsubject,topic,starter)

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**sid,dsubject reference Discussion\_Boards**

**starter references Users**

Replies(sid,dsubject,thid,rid,reply,writer,date)

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**sid,dsubject,thid reference Threads**

**writer references Users**

Expert\_taggedin\_Thread(eid,sid,dsubject,thid)

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**eid references Experts**

**sid,dsubject,thid reference Threads**

Pictures(date\_time,uploader,photo,text,date\_taken,posted\_on\_user)

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**uploader references Users**

**posted\_on\_user references Users**

Photo\_tags(date\_time,uploader,tag)

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**date\_time,uploader reference Pictures**

Post(date\_time,poster,text,posted\_on\_user)

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**poster references Users**

**posted\_on\_user references Users**

Post\_commentonby\_Users(commenter,date\_time,poster,text)

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**commentor references user.userid**

**date\_time,poster reference post**

Picture\_commentedonby\_User(commenter,date time,uploader,text)

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**commentor references Users**

**date\_time,uploader reference Pictures**

Picture\_tags\_User1\_User2(tagger,tagee,date time,uploader)

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**tagger reference Users**

**taggee reference Users**

**date\_time,uploader reference picture**

Events(creator,name,date\_time,dsc,type,purpose,house\_number,st\_name,area,

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country,organizer)

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**creator references Users**

**organizer references Users**

User\_invite\_User\_Event(sender.receiver,creator,name,status)

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**receiver references Users**

**sender references Users**

**creator,name reference Events**

Routes(name,creator,start,end,frequency,maxn)

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**creator references Parents**

Route\_Stops(name,creator,stop)

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**name,creator reference Routes**

Route\_invite\_User1\_User2(invitor,invited,name,creator,status)

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**invitor references Users**

**invited references Users**

**name,creator reference Routes**

Clubs(clubid,name,house\_number,st\_name,area,country,openingtime,closingtime,fees,admin)

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**admin references Users**

Club\_activities(club,activity)

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**club references Clubs**

Club\_joined\_by\_User(joiner,club,userclubid)

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**joiner references Users**

**club references Clubs**

Sports(name,club,location,supervisor)

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**club references Clubs**

**supervisor references Users**