A close up of a map

Description generated with very high confidence

Create table paper

(

paperid integer not null,

title VARCHAR(50) not null,

abstract VARCHAR(250) not null,

pdf VARCHAR(100) not null,

primary key (paperid)

);

Create table author

(

email VARCHAR(100) not null ,

name VARCHAR(50) not null,

affiliation VARCHAR(100) not null,

primary key(email)

);

Create table writed  
(

paperid integer not null,

email VARCHAR(50) not null,

ordered integer not null,

Primary key (paperid, email),

foreign key(paperid) references paper(paperid),

foreign key(email) references author(email)

);

Create table pcmember

(

email VARCHAR(50) not null,

name VARCHAR(20) not null,

primary key (email)

);

Create table review

(

reportid integer not null,

sdate DATE not null,

comment VARCHAR(250) not null,

recommendation CHAR(1) not null,

paperid integer not null,

email VARCHAR(100) not null,

unique(paperid, email),

foreign key(paperid) references paper(Paperid),

foreign key(email) references pcmember(email)

);

Create ASSERTION 3pc

CHECK NOT EXISTS (

SELECT \* FROM Papers P

WHERE 3 <> (

SELECT COUNT (\*)

FROM Review R

WHERE R.paperid = P.paperid

)

);

Create ASSERTION atmostfivepapers

CHECK NOT NOT EXISTS

(

SELECT \* FROM pcmember P

WHERE 5 < (

SELECT \*

FROM review R

WHERE R.email = P.email

)

);

**To use in Eclipse:**

String sqlstmt = "CREATE TABLE IF NOT EXISTS Student " +

"(id INTEGER not NULL AUTO\_INCREMENT, " +

" Name VARCHAR(20), " +

" Address VARCHAR(50), " +

" Status VARCHAR(10), " +

" PRIMARY KEY ( id ))";

statement.executeUpdate(sqlstmt);

public class test3 {

private static Connection connect = null;

private static Statement statement = null;

private static PreparedStatement preparedStatement = null;

private static ResultSet resultSet = null;