

questionCategory(**name**, description)

answers(**id**, content)

questions(**id**, points, content, hint, \*answer\_id, \*questionCategory\_name)

quiz(**id**)

questionSets(**id**, description)

questions\_quiz(\*questions\_id, \*quiz\_id)

questions\_questionSets(\*questions\_id, \*questionSets\_id)

In DB file:

drop table if exists questions\_questionSets;

drop table if exists questions\_quiz;

drop table if exists questionSets;

drop table if exists quiz;

drop table if exists question;

drop table if exists answers;

drop table if exists questionCategory;

create table questionCategory (

name varchar(128),

description TEXT

);

create table answers (

id integer not null primary key,

content TEXT

);

create table questions (

id integer not null primary key,

point integer,

content TEXT,

hint TEXT,

answer\_id integer not null,

questionCategory\_name varchar(128),

foreign key (answer\_id) references answers (id),

foreign key (questionCategory\_name) references questionCategory (name)

);

create table quiz (

id integer not null primary key

);

create table questionSets (

id integer not null primary key,

description TEXT

);

create table questions\_quiz (

questions\_id INTEGER not null,

quiz\_id INTEGER not null,

primary key (questions\_id, quiz\_id),

foreign key (questions\_id) references questions (id),

foreign key (quiz\_id) references quiz (id)

);

create table questions\_quiz (

questions\_id INTEGER not null,

questionSets\_id INTEGER not null,

primary key (questions\_id, questionSets\_id),

foreign key (questions\_id) references questions (id),

foreign key (questionSets\_id) references questionSets (id)

);