CREATE TABLE origin

(

id int(11),

name varchar(255),

PRIMARY KEY(id)

)

CREATE TABLE file

(

id int(11),

name varchar(255),

original\_name varchar(255),

extension varchar(255),

size int(11),

PRIMARY KEY(id)

)

CREATE TABLE user

(

id int(11),

email varchar(255),

last\_name varchar(255),

first\_name varchar(255),

role varchar(255),

password varchar(255),

PRIMARY KEY(id)

)

CREATE TABLE classroom

(

id int(11),

name varchar(255),

PRIMARY KEY(id)

)

CREATE TABLE course

(

id int(11),

name varchar(255),

PRIMARY KEY(id)

)

CREATE TABLE skill

(

id int(11),

name varchar(255),

course\_id int(11),

PRIMARY KEY (id),

FOREIGN KEY (course\_id) REFERENCES course(id)

)

CREATE TABLE thematic

(

id int(11),

name varchar(255),

course\_id int(11),

PRIMARY KEY(id),

FOREIGN KEY(course\_id) REFERENCES course(id)

)

CREATE TABLE exercise

(

id int(11),

name varchar(255),

course\_id int(11),

classroom\_id int(11),

thematic\_id int(11),

chapter varchar(255),

keyword text,

dificulty int(2),

duration float,

origin\_id int(11),

origin\_name varchar(255),

origin\_information text,

proposed\_by\_type varchar(255),

proposed\_by\_first\_name varchar(255),

proposed\_by\_last\_name varchar(255),

exercise\_file\_id int(11),

correction\_file\_id int(11),

created\_by\_id int(11),

PRIMARY KEY(id),

FOREIGN KEY(course\_id) REFERENCES course(id),

FOREIGN KEY(classroom\_id) REFERENCES classroom(id),

FOREIGN KEY(thematic\_id) REFERENCES thematic(id),

FOREIGN KEY(created\_by\_id) REFERENCES user(id),

FOREIGN KEY(origin\_id) REFERENCES origin(id),

FOREIGN KEY(exercise\_file\_id) REFERENCES file(id),

FOREIGN KEY(correction\_file\_id) REFERENCES file(id)

)

CREATE TABLE exercise\_skill

(

exercise\_id int(11),

skill\_id int(11),

PRIMARY KEY(exercise\_id),

FOREIGN KEY(exercise\_id) REFERENCES exercise(id)

FOREIGN KEY(skill\_id) REFERENCES skill(id)

)