#### Nom donnée

# **Exercice**

id\_exercice id name

 $id\_classrooom$  $id\_classrooom$ thematic\_id thematic\_id chapter chapter keywords keywords difficulty difficulty duration duration origin\_id id\_origin origin\_ name origin\_name origin\_information origin\_information exercise\_file\_id exercise\_file\_id correction\_file\_id id\_file\_id created\_by\_id created\_by\_id date\_ajout date\_ajout

Nom symbolique

#### User

ididemailemaillast\_namelast\_namefirst\_namefirst\_namerolerolepasswordpassword

## File

id id name name

original\_name original\_name extension extension size size

## Classroom

id id name name

# Origin

id id name name

## **Thematic**

id id name name

#### Observation

identifiant d'un exercice
attribut exercice
clé étrangère identifiant classe
clé étrangère identifiant d'une thématique
attribut exercice
attribut exercice
attribut exercice
attribut exercice
identifiant d'origine
attribut d'exercice
attribut d'exercice
identifiant de file
identifiant de file
identifiant de user
attribut de exercice

identifiant de user attribut de user attribut de user attribur de user attribur de user attribur de user

identifiant de file attribut de file attribut de file attribut de file attribut de file

identfiant de classroom attribut de classroom

identifiant de origin attribut de origin

identifiant de thematic attribut de thematic