Layout

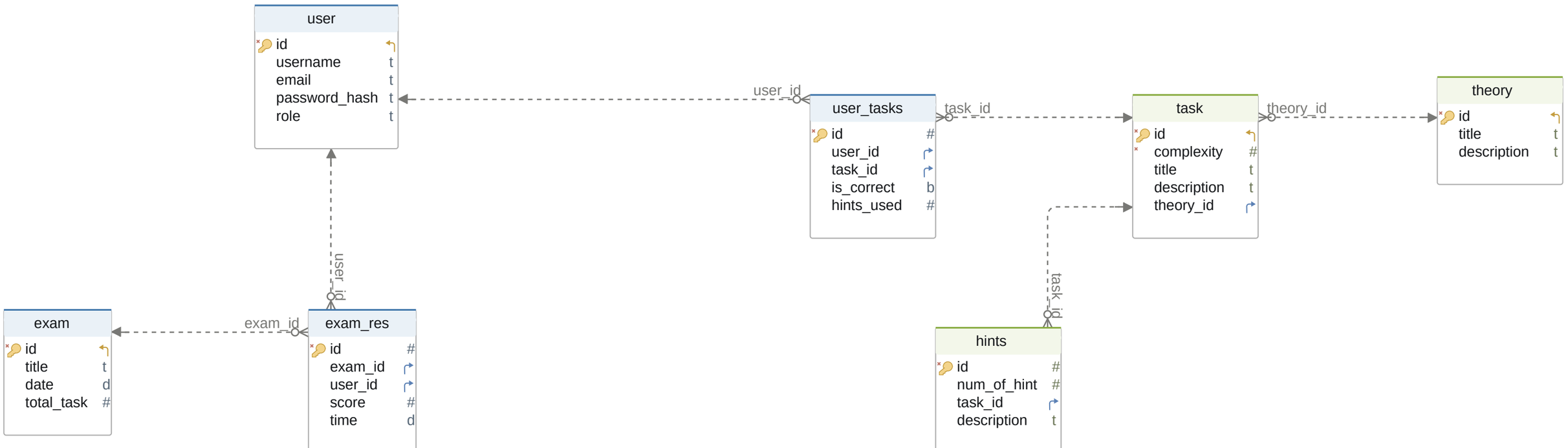
15-08-2024 by DbSchema.com - Wise Coders

Layouts

1. Layout 1

Tables

schema_.exam [1] 2
schema_.exam_res [1] 2
schema_.hints [1] 2
schema_.task [1] 2
schema_.theory [1] 3
schema_.user [1] 3
schema_.user_tasks [1] 3


user
id
username t
email t
password_hash t
role t
user_id
user_tasks
id #
user_id
task_id
is_correct b
hints_used #
task_id
task
id
complexity #
title t
description t
theory_id
theory_id
theory
id
title t
description t
user_id
exam
id
title t
date d
total_task #
exam_id
exam_res
id #
exam_id
user_id
score #
time d
task_id
hints
id #
num_of_hint #
task_id
description t

Layout

Table exam

Idx	Name	Data Type
* Pk	id	INT
	title	VARCHAR(255)
	date	DATE
	total_task	INT

Indexes

Type	Name	On
Pk	pk_exam	id

Options

engine=InnoDB

Table exam_res

Idx	Name	Data Type
* Pk	id	INT
	exam_id	INT
	user_id	INT
	score	INT
	time	TIME

Indexes

Type	Name	On
Pk	pk_exam_res	id

Foreign Keys

Type	Name	On
	fk_exam_res_exam (exam_id) ref exam (id)	
	fk_exam_res_user (user_id) ref user (id)	

Options

engine=InnoDB

Table hints

Idx	Name	Data Type
* Pk	id	INT
	num_of_hint	INT
	task_id	INT
	description	TEXT

Indexes

Type	Name	On
Pk	pk_hints	id

Foreign Keys

Type	Name	On
	fk_hints_task (task_id) ref task (id)	

Options

engine=InnoDB

Table task

Idx	Name	Data Type
* Pk	id	INT AUTO_INCREMENT
*	complexity	INT
	title	VARCHAR(255)
	description	TEXT

Table task

	theory_id	INT

Indexes

Type	Name	On
Pk	pk_task	id

Foreign Keys

Type	Name	On
	fk_task_theory (theory_id) ref theory (id)	

Options

engine=InnoDB

Table theory

Idx	Name	Data Type
* Pk	id	INT
	title	VARCHAR(255)
	description	TEXT

Indexes

Type	Name	On
Pk	pk_theory	id

Options

engine=InnoDB

Table user

Idx	Name	Data Type
* Pk	id	INT AUTO_INCREMENT
	username	VARCHAR(100)
	email	VARCHAR(50)
	password_hash	VARCHAR(255)
	role	VARCHAR(10)

Indexes

Type	Name	On
Pk	pk_tbl	id

Options

engine=InnoDB

Table user_tasks

Idx	Name	Data Type
* Pk	id	INT AUTO_INCREMENT
	user_id	INT
	task_id	INT
	is_correct	BOOLEAN
	hints_used	INT

Indexes

Type	Name	On
Pk	pk_user_tasks	id

Foreign Keys

Type	Name	On
	fk_user_tasks_user (user_id) ref user (id)	
	fk_user_tasks_task (task_id) ref task (id)	

Options

engine=InnoDB