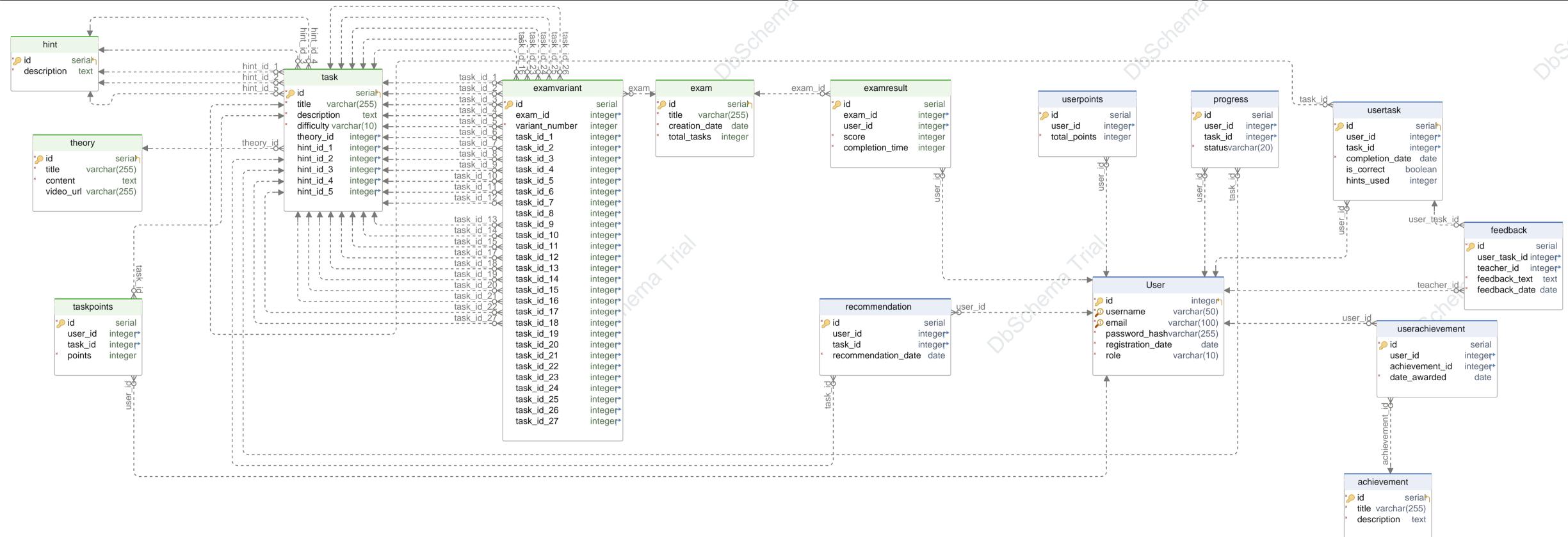
~Layout with Sample Tools

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

Layouts

1. ~Layout with Sample Tools	′
Tables	
public.User [1]	2
public.achievement [1]	
public.exam [1]	
public.examresult [1]	
public.examvariant [1]	
public.feedback [1]	
public.hint [1]	
public.progress [1]	
public.recommendation [1]	
public.task [1]	
public.taskpoints [1]	
public.theory [1]	
public.userachievement [1]	
public.userpoints [1]	
public.usertask [1]	



~Layout with Sample Tools

Table User		
ldx	Name	Data Type
* Pk	id	integer DEFAULT nextval(""User_id_seq"'::regclass)
* Unq	username	varchar(50)
* Unq	email	varchar(100)
*	password_hash	varchar(255)
*	registration_date	date
*	role	varchar(10)
Indexes		
Type	Name	On
Pk	User_pkey	id
Unq	User_username_key	username
Unq	User_email_key	email
Constraints		
	Name	Definition
	User_role_check	((role)::text = ANY ((ARRAY['student'::character varying, 'teacher'::character varying, 'admin'::character varying])::text[]))

Table achievement		
ldx	Name	Data Type
* Pk	id	serial
*	title	varchar(255)
*	description	text
Indexes		
Туре	Name	On
Pk	achievement_pkey	id

Table exam		
ldx	Name	Data Type
* Pk	id	serial
*	title	varchar(255)
*	creation_date	date
*	total_tasks	integer
Indexes		
Туре	Name	On
Pk	exam_pkey	id

Table examresult		
ldx	Name	Data Type
* Pk	id	serial
	exam_id	integer
	user_id	integer
*	score	integer
*	completion_time	integer
Indexes		
Type	Name	On
Pk	examresult_pkey	id

Table examresult Foreign Keys Type Name On examresult_exam_id_fkey (exam_id) ref exam (id) examresult_user_id_fkey (user_id) ref User (id)

	examresult_user_id_fkey (user_id) ref User (id)	
Tabla	overwarient	
ldx	examvariant Name	Data Type
Pk	id	serial
FK		
	exam_id	integer
	variant_number	integer
	task_id_1	integer
	task_id_2	integer
	task_id_3	integer
	task_id_4	integer
	task_id_5	integer
	task_id_6	integer
	task_id_7	integer
	task_id_8	integer
	task_id_9	integer
	task_id_10	integer
	task_id_11	integer
	task_id_12	integer
	task_id_13	integer
	task_id_14	integer
	task_id_15	integer
	task_id_16	integer
	task_id_17	integer
	task_id_18	integer
	task_id_19	integer
	task_id_20	integer
	task_id_21	integer
	task_id_22	integer
	task_id_23	integer
	task_id_24	integer
	task_id_25	integer
	task_id_26	integer
	task_id_27	integer
ndexes		intoger
	Name	On
Type		
Pk Foreign	examvariant_pkey	id
Foreign		00
Туре	Name	On
	examvariant_exam_id_fkey (exam_id) ref exam (id)	
	examvariant_task_id_1_fkey (task_id_1) ref task (id)	
	examvariant_task_id_2_fkey (task_id_2) ref task (id)	
	examvariant_task_id_3_fkey (task_id_3) ref task (id)	
	examvariant_task_id_4_fkey (task_id_4) ref task (id)	
	examvariant_task_id_5_fkey (task_id_5) ref task (id)	

able examvariant
examvariant_task_id_6_fkey (task_id_6) ref task (id)
examvariant_task_id_7_fkey (task_id_7) ref task (id)
examvariant_task_id_8_fkey (task_id_8) ref task (id)
examvariant_task_id_9_fkey (task_id_9) ref task (id)
examvariant_task_id_10_fkey (task_id_10) ref task (id)
examvariant_task_id_11_fkey (task_id_11) ref task (id)
examvariant_task_id_12_fkey (task_id_12) ref task (id)
examvariant_task_id_13_fkey (task_id_13) ref task (id)
examvariant_task_id_14_fkey (task_id_14) ref task (id)
examvariant_task_id_15_fkey (task_id_15) ref task (id)
examvariant_task_id_16_fkey (task_id_16) ref task (id)
examvariant_task_id_17_fkey (task_id_17) ref task (id)
examvariant_task_id_18_fkey (task_id_18) ref task (id)
examvariant_task_id_19_fkey (task_id_19) ref task (id)
examvariant_task_id_20_fkey (task_id_20) ref task (id)
examvariant_task_id_21_fkey (task_id_21) ref task (id)
examvariant_task_id_22_fkey (task_id_22) ref task (id)
examvariant_task_id_23_fkey (task_id_23) ref task (id)
examvariant_task_id_24_fkey (task_id_24) ref task (id)
examvariant_task_id_25_fkey (task_id_25) ref task (id)
examvariant_task_id_26_fkey (task_id_26) ref task (id)
examvariant_task_id_27_fkey (task_id_27) ref task (id)

Table feedback		
ldx	Name	Data Type
* Pk	id	serial
	user_task_id	integer
	teacher_id	integer
*	feedback_text	text
*	feedback_date	date
Indexes		
Туре	Name	On
Pk	feedback_pkey	id
Foreign Keys		
Туре	Name	On
	feedback_user_task_id_fkey (user_task_id) ref usertask (ic	1)
	feedback_teacher_id_fkey (teacher_id) ref User (id)	

Table hint		
ldx	Name	Data Type
* Pk	id	serial
*	description	text
Indexes		
Type	Name	On
Pk	hint_pkey	id

Table progress		
ldx	Name	Data Type

Table	Table progress			
* Pk	id	serial		
	user_id	integer		
	task_id	integer		
*	status	varchar(20)		
Indexes				
Type	Name	On		
Pk	progress_pkey	id		
Foreign	n Keys			
Type	Name	On		
	progress_user_id_fkey (user_id) ref User (id)			
	progress_task_id_fkey (task_id) ref task (id)			
Constraints				
	Name	Definition		
	progress_status_check	((status)::text = ANY ((ARRAY['not_started'::character varying, 'in_progress'::character varying, 'completed'::character varying])::text[]))		

Table recommendation		
ldx	Name	Data Type
* Pk	id	serial
	user_id	integer
	task_id	integer
*	recommendation_date	date
Indexes		
Туре	Name	On
Pk	recommendation_pkey	id
Foreign Keys		
Туре	Name	On
	recommendation_user_id_fkey (user_id) ref User (id)	
	recommendation_task_id_fkey (task_id) ref task (id)	

Table	Table task		
ldx	Name	Data Type	
* Pk	id	serial	
*	title	varchar(255)	
*	description	text	
*	difficulty	varchar(10)	
	theory_id	integer	
	hint_id_1	integer	
	hint_id_2	integer	
	hint_id_3	integer	
	hint_id_4	integer	
	hint_id_5	integer	
Indexes			
Туре	Name	On	
Pk	task_pkey	id	
Foreign Keys			
Туре	Name	On	
	task_theory_id_fkey (theory_id) ref theory (id)		

Table task task_hint_id_1_fkey (hint_id_1) ref hint (id) task_hint_id_2_fkey (hint_id_2) ref hint (id) task_hint_id_3_fkey (hint_id_3) ref hint (id) task_hint_id_4_fkey (hint_id_4) ref hint (id) task_hint_id_5_fkey (hint_id_5) ref hint (id) **Definition**

Constraints	
Name	Definition

((difficulty)::text = ANY ((ARRAY['easy'::character varying, 'medium'::character varying, 'hard'::character varying])::text[])) task_difficulty_check

Table taskpoints		
ldx	Name	Data Type
* Pk	id	serial
	user_id	integer
	task_id	integer
*	points	integer
Indexes		
Туре	Name	On
Pk	taskpoints_pkey	id
Foreign Keys		
Type	Name	On
	taskpoints_user_id_fkey (user_id) ref User (id)	
	taskpoints_task_id_fkey (task_id) ref task (id)	

Idx Name Data Type * Pk id serial * title varchar(255) * content text video url varchar(255)	Table theory		
title varchar(255)content text	ldx	Name	Data Type
* content text	* Pk	id	serial
Content	*	title	varchar(255)
video url varchar(255)	*	content	text
		video_url	varchar(255)
Indexes			
Type Name On	Туре	Name	On
Pk theory_pkey id	Pk	theory_pkey	id

Table userachievement		
ldx	Name	Data Type
* Pk	id	serial
	user_id	integer
	achievement_id	integer
*	date_awarded	date
Indexes		
Туре	Name	On
Pk	userachievement_pkey	id
Foreign Keys		
Type	Name	On
	userachievement_user_id_fkey (user_id) ref User (id)	
	userachievement_achievement_id_fkey (achievement_id) ref achievement (id)	

Table userpoints		
ldx	Name	Data Type
* Pk	id	serial
	user_id	integer
*	total_points	integer
Indexes		
Type	Name	On
Pk	userpoints_pkey	id
Foreign Keys		
Type	Name	On
	userpoints_user_id_fkey (user_id) ref User (id)	

Table usertask			
ldx	Name	Data Type	
* Pk	id	serial	
	user_id	integer	
	task_id	integer	
*	completion_date	date	
	is_correct	boolean	
	hints_used	integer	
Indexes			
Туре	Name	On	
Pk	usertask_pkey	id	
Foreign Keys			
Туре	Name	On	
	usertask_user_id_fkey (user_id) ref User (id)		
_	Name	On	

usertask_task_id_fkey (task_id) ref task (id)