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1 department

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
department_name	varchar(255)		Yes	NULL				

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2 grade

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
final_grade	float		No					
gradeck	float		No					
gradegk	float		No					
gradelt1	float		No					
gradelt2	float		No					
gradelt3	float		No					
grade_ranking	enum('KEM', 'YEU', 'TRUNG_BINH_YEU', 'TRUNG_BINH', 'TRUNG_BINH_KHA', 'KHA', 'KHA_GIOI', 'GIOI')		Yes	NULL				
gradeth1	float		No					
gradeth2	float		No					
gradeth3	float		No					
is_pass	bit(1)		No					
letter_grade	varchar(255)		Yes	NULL				
note	varchar(255)		Yes	NULL				
registration_section_class_id	bigint(20)		Yes	NULL		-> registration_section_class.id ON UPDATE RESTRICT ON DELETE RESTRICT		

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3 major

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
major_name	varchar(255)		Yes	NULL				
required_credits	int(11)		No					

4 prime_class

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
class_name	varchar(255)		Yes	NULL				
number_of_student	int(11)		No					
semester_school_id	bigint(20)		Yes	NULL		-> semester_school.id ON UPDATE RESTRICT ON DELETE RESTRICT		
teacher_id	bigint(20)		Yes	NULL		-> teacher.id ON UPDATE RESTRICT ON DELETE RESTRICT		

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5 registration_section_class

Creation: Apr 25, 2024 at 09:23 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
paid	double		No					
register_date	datetime(6)		Yes	NULL				
section_class_id	bigint(20)		Yes	NULL		-> section_class.id ON UPDATE RESTRICT ON DELETE RESTRICT		
student_id	bigint(20)		Yes	NULL		-> student.id ON UPDATE RESTRICT ON DELETE RESTRICT		
section_class_group_id	bigint(20)		Yes	NULL		-> section_class_group.id ON UPDATE RESTRICT ON DELETE RESTRICT		
class_group_name	enum('KHONG_PHAN_NHOM', 'NHOM_1', 'NHOM_2', 'NHOM_3')		Yes	NULL				

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6 role

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
role_name	enum('STUDENT', 'TEACHER', 'MANAGER')		Yes	NULL				

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7 section_class

Creation: Apr 28, 2024 at 10:06 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
end_date	datetime(6)		Yes	NULL				
lock_status	enum('DANG_CHO_SINH_VIEN_DANG_KY', 'CHAP_NHAN_MO_LOP', 'DA_KHOA')		Yes	NULL				
max_student	int(11)		No					
section_class_name_present	varchar(255)		Yes	NULL				
start_date	datetime(6)		Yes	NULL				
subject_id	bigint(20)		Yes	NULL		-> subject.id ON UPDATE RESTRICT ON DELETE RESTRICT		
teacher_id	bigint(20)		Yes	NULL		-> teacher.id ON UPDATE RESTRICT ON DELETE RESTRICT		
created_at	timestamp		Yes	current_timestamp()				
semester_school_id	bigint(20)		Yes	NULL		-> semester_school.id ON UPDATE RESTRICT ON DELETE RESTRICT		
registered_number	int(11)		No					
section_class_type	enum('HOC_MOI', 'HOC_LAI', 'HOC_CAI_THIEN')		Yes	NULL				

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8 section_class_group

Creation: Apr 25, 2024 at 09:17 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
max_student	int(11)		No					
section_class_id	bigint(20)		Yes	NULL		-> section_class.id ON UPDATE RESTRICT ON DELETE RESTRICT		
class_group_name	enum('KHONG_PHAN_NHOM', 'NHOM_1', 'NHOM_2', 'NHOM_3')		Yes	NULL				

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9 semester_pattern

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
stage_semester	enum('HOC_KY_1', 'HOC_KY_2', 'HOC_KY_3', 'HOC_KY_4', 'HOC_KY_5', 'HOC_KY_6', 'HOC_KY_7', 'HOC_KY_8', 'HOC_KY_9', 'HOC_KY_10')		Yes	NULL				

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10 semester_school

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
stage_semester	enum('HOC_KY_1', 'HOC_KY_2', 'HOC_KY_3')		Yes	NULL				
year	int(11)		No					

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11 student

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
address	varchar(255)		Yes	NULL				
avatar	varchar(255)		Yes	NULL				
date_of_birth	datetime(6)		Yes	NULL				
email	varchar(255)		Yes	NULL				
full_name	varchar(255)		Yes	NULL				
gender	varchar(255)		Yes	NULL				
join_school_date	datetime(6)		Yes	NULL				
phone_number	varchar(255)		Yes	NULL				
place_born	varchar(255)		Yes	NULL				
quanlity_of_traning	varchar(255)		Yes	NULL				
status_of_straning	varchar(255)		Yes	NULL				
type_of_traning	varchar(255)		Yes	NULL				
year_end	int(11)		No					
year_of_study	double		No					
year_start	int(11)		No					
department_id	bigint(20)		Yes	NULL		-> department.id ON UPDATE RESTRICT ON DELETE RESTRICT		
major_id	bigint(20)		Yes	NULL		-> major.id ON UPDATE RESTRICT ON DELETE RESTRICT		
prime_class_id	bigint(20)		Yes	NULL		-> prime_class.id ON UPDATE RESTRICT ON DELETE RESTRICT		
status_of_traning	varchar(255)		Yes	NULL				

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| user_id | bigint(20) | | Yes | NULL | | -> user.id
ON UPDATE RESTRICT
ON DELETE RESTRICT | | |
| citizen_card | varchar(255
) | | Yes | NULL | | | | |

12 subject

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
credits	int(11)		No					
group_number	int(11)		No					
number_of_exc erise	int(11)		No					
number_of_theo ry	int(11)		No					
pre_required_su bject_id	bigint(20)		No					
subject_name	varchar(255)		Yes	NULL				
subject_type	enum('TU_C HON', 'BAT_BUOC')		Yes	NULL				
major_id	bigint(20)		Yes	NULL		-> major.id ON UPDATE RESTRICT ON DELETE RESTRICT		
semester_patte rn_id	bigint(20)		Yes	NULL		-> semester_pattern.id ON UPDATE RESTRICT ON DELETE RESTRICT		

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13 teacher

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
address	varchar(255)		Yes	NULL				
avatar	varchar(255)		Yes	NULL				
date_of_birth	datetime(6)		Yes	NULL				
email	varchar(255)		Yes	NULL				
full_name	varchar(255)		Yes	NULL				
gender	varchar(255)		Yes	NULL				
join_school_date	datetime(6)		Yes	NULL				
phone_number	varchar(255)		Yes	NULL				
place_born	varchar(255)		Yes	NULL				
department_id	bigint(20)		Yes	NULL		-> department.id ON UPDATE RESTRICT ON DELETE RESTRICT		
user_id	bigint(20)		Yes	NULL		-> user.id ON UPDATE RESTRICT ON DELETE RESTRICT		

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14 time_table

Creation: May 03, 2024 at 11:18 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
lession_type	enum('LY_THUYET', 'THUC_HANH', 'ONLINE', 'THI', 'TAM_NGUNG')		Yes	NULL				
note	varchar(255)		Yes	NULL				
room	varchar(255)		Yes	NULL				
lession_day	enum('T2', 'T3', 'T4', 'T5', 'T6', 'T7', 'CN')		Yes	NULL				
lession_date	date		No	curdate()				
section_class_group_id	bigint(20)		Yes	NULL		-> section_class_group.id ON UPDATE RESTRICT ON DELETE RESTRICT		
class_group_name	enum('KHONG_PHAN_NHOM', 'NHOM_1', 'NHOM_2', 'NHOM_3')		Yes	NULL				
teacher_id	bigint(20)		Yes	NULL		-> teacher.id ON UPDATE RESTRICT ON DELETE RESTRICT		
end_lession_time	enum('T1', 'T2', 'T3', 'T4', 'T5', 'T6', 'T7', 'T8', 'T9', 'T10', 'T11', 'T12', 'T13', 'T14', 'T15')		Yes	NULL				

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start_lession_time	enum('T1', 'T2', 'T3', 'T4', 'T5', 'T6', 'T7', 'T8', 'T9', 'T10', 'T11', 'T12', 'T13', 'T14', 'T15')		Yes	NULL				

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15 user

Creation: Apr 23, 2024 at 04:19 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	bigint(20)		No		auto_increment			
mssv	varchar(255)		Yes	NULL				
password	varchar(255)		Yes	NULL				
role_id	bigint(20)		Yes	NULL		-> role.id ON UPDATE RESTRICT ON DELETE RESTRICT		

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grade
- id
- final_grade
- grade4
- grade8
- grade85
- grade2
- grade3
- grade_ranking
- grade1
- grade02
- grade05
- is_pass
- letter_grade
- none
- registration_section_class_id

major
- id
- major_name
- required_credits

role
- id
- role_name

user
- id
- email
- password
- role_id

department
- id
- department_name

registration_section_class
- id
- paid
- register_date
- section_class_id
- student_id
- section_class_group_id
- class_group_name

student
- id
- address
- avatar
- date_of_birth
- email
- full_name
- gender
- join_school_date
- phone_number
- place_born
- quantity_of_training
- status_of_straining
- type_of_training
- year_end
- year_of_study
- year_start
- department_id
- major_id
- prime_class_id
- status_of_training
- user_id
- citizen_card

teacher
- id
- address
- avatar
- date_of_birth
- email
- full_name
- gender
- join_school_date
- phone_number
- place_born
- department_id
- user_id

prime_class
- id
- class_name
- number_of_student
- semester_school_id
- teacher_id

section_class
- id
- end_date
- max_student
- section_class_name_present
- start_date
- subject_id
- teacher_id
- created_at
- semester_school_id
- registered_number
- section_class_type

section_class_group
- id
- max_student
- section_class_id
- class_group_name

subject
- id
- credits
- group_number
- number_of_exercise
- number_of_theory
- pre_required_subject_id
- subject_name
- subject_type
- major_id
- semester_pattern_id

semester_school
- id
- start_semester
- year

time_table
- id
- note
- room
- lesson_day
- lesson_date
- section_class_group_id
- teacher_id
- end_lesson_time
- start_lesson_time

semester_pattern
- id
- start_semester

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