

<i>Teacher</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
teacher_id	serial	PRIMARY_KEY	pk
first_name	varchar(30)	NOT NULL	
last_name	varchar(30)	NOT NULL	
phone_number	varchar(16)		
email	varchar(30)		
qualification	varchar(100)	NOT NULL	
work_experience	integer		
rating	integer		

<i>Subject</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
subject_id	serial	PRIMARY_KEY	pk
title	varchar(30)	NOT NULL	
rating	integer		
description	varchar(200)		

<i>Task</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
task_id	serial	PRIMARY_KEY	pk
task_name	varchar(30)	NOT NULL	
specification	varchar(1000)	NOT NULL	

<i>Student</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
student_id	serial	PRIMARY_KEY	pk fk
group_id	integer	NOT NULL REFERENCES Group	
first_name	varchar(30)	NOT NULL	
last_name	varchar(30)	NOT NULL	
phone_number	varchar(16)		
email	varchar(30)		
characterization	varchar(200)		

<i>Group</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
group_id	serial	PRIMARY_KEY	pk
group_name	varchar(30)	NOT NULL	
specialization	varchar(30)		
year_of_graduation	integer	NOT NULL	

<i>Homework</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
task_id	integer	PRIMARY_KEY	pk fk
course_group_id	integer	REFERENCES Task	
max_size_of_team	integer	PRIMARY_KEY	pk fk
deadline	timestamp(0)	REFERENCES Course Group	
difficulty_level	varchar(30)	DEFAULT 1	
comment	varchar(200)		

<i>Course Group</i>			
<i>Column name</i>	<i>Column type</i>	<i>Constraints</i>	<i>PK/FK</i>
course_group_id	serial	PRIMARY_KEY	pk
teacher_id	integer	NOT NULL	fk
group_id	integer	REFERENCES Teacher	fk
subject_id	integer	NOT NULL	
		REFERENCES Group	fk
		NOT NULL	
		REFERENCES Subject	
academic_performance	varchar(30)		

Тут еще нужно CONSTRAINT MYUNIQUE UNIQUE(teacher_id, group_id, subject_id)