

# Lab work 2

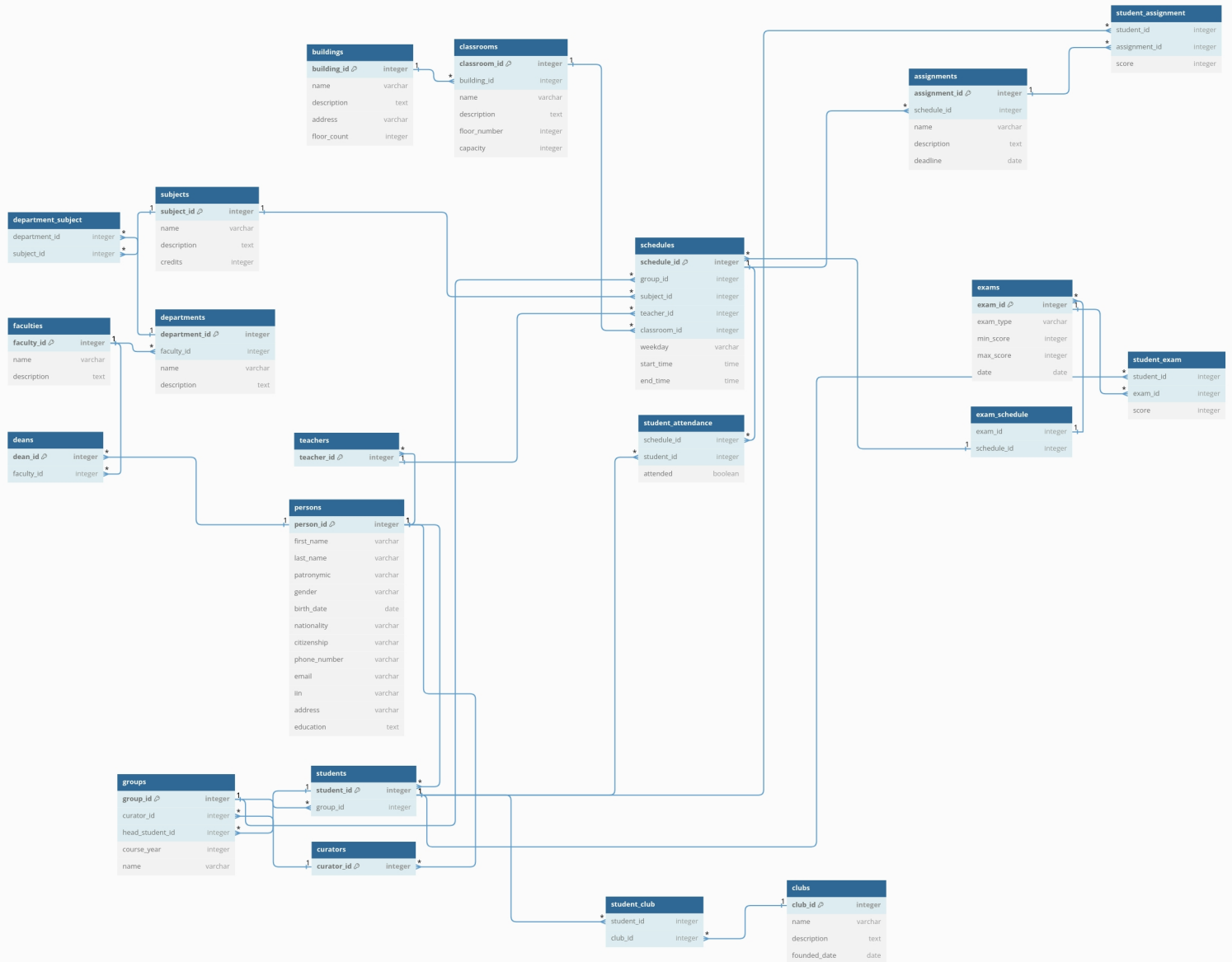
## Database Design. Introduction to SQL.

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Goal: Implement ER-diagram.

Task: Visit the website [lucid.app](https://lucid.app) or [dbdiagram](https://dbdiagram.io) and create an ER diagram based on the [previous laboratory work](#).



From dbdiagram.

buildings	
PK	building_id
	name
	description
	address
	floor_count

classroom	
PK	classroom_id
FK	building_id
	name
	description
	floor_number
	capacity

department_subject	
FK	department_id
FK	subject_id

subjects	
PK	subject_id
	name
	description
	credits

schedules	
PK	schedule_id
FK	group_id
FK	subject_id
FK	teacher_id
FK	classroom_id
	weekday
	start_time
	end_time

student_attendance	
FK	schedule_id
FK	student_id
	attended

assignments	
PK	assignment_id
FK	schedule_id
	name
	description
	deadline

student_assignment	
FK	student_id
FK	assignment_id
	score

faculties	
PK	faculty_id
	name
	description

departments	
PK	department_id
FK	faculty_id
	name
	description

exam_schedule	
FK	exam_id
FK	schedule_id

exams	
PK	exam_id
	exam_type
	min_score
	max_score
	date

student_exam	
FK	student_id
FK	exam_id
	score

deans	
PK, FK	dean_id
FK	faculty_id

teachers	
PK, FK	teacher_id

students	
PK, FK	student_id
FK	group_id

groups	
PK	group_id
FK	curator_id
FK	head_student_id
	course_year
	name

person	
PK	person_id
	first_name
	last_name
	patronymic
	gender
	birth_date
	nationality
	citizenship
	phone_number
	email
	iin
	address
	education

clubs	
PK	club_id
	name
	description
	founded_date

curators	
PK, FK	curator_id

student_club	
FK	student_id
FK	club_id

From lucidapp.

Thank you for your time!