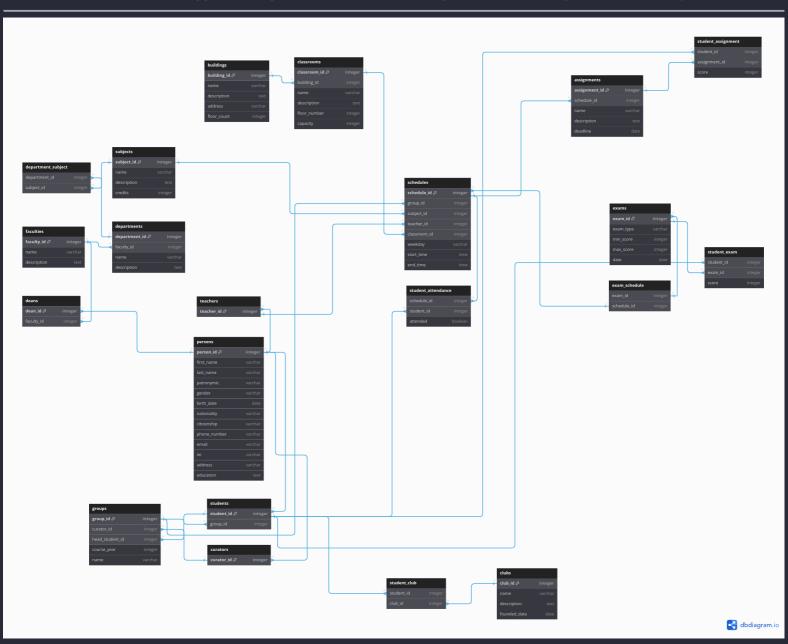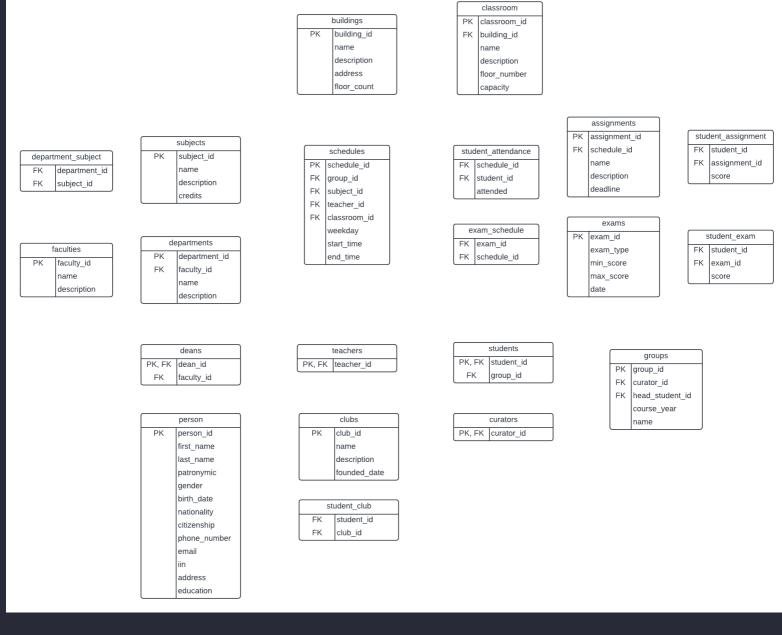# Lab work 2

Database Design. Introduction to SQL.

Full Name: Daniil Kalts.
Group: IT2-2404SE.
Goal: Implement ER-diagram.
Task: Visit the website lucid.app or dbdiagram 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

Thank you for your time!