building

PK	**id: int**
	name: text
	open: time
	close: time

id auto increments

room_facility_information

	room_id: int
	facility_id: int

room_id refers to id of room
facility_id refers to id of facility

facility

PK	**id: int**
	name: text

id auto increments

room

PK	**id: int**
	building_id: int
	name: text
	size: int

id auto increments
building_id refers to id of
building

reservation

PK	**id: int**
	user_id: int
	room_id: int
	start: timestamp
	end: timestamp

id auto increments
user_id refers to id of user
room_id refers to id of room

user

PK	**id: int**
	username: text
	password: text
	type: enum

id auto increments
type consists of student,
employee, administrator

Relationships:
- building 1 — * room
- room * — * facility (via room_facility_information)
- room 1 — * reservation
- reservation 0..5 — 1 user