

audit_logs	
id	UUID NN
entity	BLOB(64) NN
record_id	UUID NN
action	BLOB(255) NN
user_id	UUID
old_data	JSONB
new_data	JSONB
created_at	TIMESTAMP
updated_at	TIMESTAMP

companies	
id	UUID NN
name	BLOB(255) NN
logo	BLOB(255)
website	BLOB(255)

notifications	
id	UUID NN
user_id	UUID NN
type	BLOB(255) NN
message	TEXT NN
is_read	BOOLEAN NN
related_schedule_id	UUID

room_history	
id	UUID NN
room_id	UUID NN
event_type	BLOB(255) NN
classes_id	UUID NN
terms_id	UUID NN
teacher_id	UUID NN
user_id	UUID NN

teacher_subjects	
id	UUID NN
teacher_id	UUID NN
subject_id	UUID NN
started_at	TIMESTAMP NN
ended_at	TIMESTAMP NN

users	
id	UUID NN
name	BLOB(128) NN
email	BLOB(128) NN
password_hash	BLOB(255) NN
role_id	UUID NN

blocks	
id	UUID NN
terms_id	UUID NN
name	BLOB(255) NN
start_date	DATE NN
end_date	DATE NN
mid_term	BLOB(8)

company_relations	
id	UUID NN
company_id	UUID NN
major_id	UUID NN
partnership_type	BLOB(255)
status	BLOB(255) NN
start_date	DATE
end_date	DATE
document_link	BLOB(255)

periods	
id	UUID NN
ordinal	BLOB(255) NN
start_time	TIME
end_time	TIME
is_teaching	BOOLEAN

rooms	
id	UUID NN
code	BLOB(32) NN
name	BLOB(128) NN
building_id	UUID
floor	INTEGER
capacity	INTEGER
type	BLOB(255) NN
is_active	BOOLEAN NN
notes	TEXT

teachers	
id	UUID NN
phone	BLOB(32)
user_id	UUID
code	BLOB(255) NN
avatar	BLOB(255)

attendance_sessions	
id	UUID NN
timetable_entry_id	UUID
user_id	UUID
token	VARCHAR(255)
start_time	DATE
end_time	DATE
is_active	BOOLEAN

building	
id	UUID NN
name	BLOB(255) NN
code	BLOB(255) NN
description	TEXT
total_floors	INTEGER NN

guardian_class_history	
id	UUID NN
teacher_id	UUID
class_id	UUID NN
started_at	TIMESTAMP
ended_at	TIMESTAMP
block_id	UUID

reports	
id	BIGINT NN
room_id	UUID NN
date	DATE NN
total_usage_hours	NUMERIC(5,2) NN
total_idle_hours	NUMERIC(5,2) NN
utilization_rate	NUMERIC(5,2) NN
generated_at	TIMESTAMP NN

students	
id	UUID NN
nis	BLOB(32) NN
nisn	BLOB(32)
user_id	UUID NN
avatar	BLOB(255)

terms	
id	UUID NN
tahun_ajaran	BLOB(64) NN
start_date	DATE NN
end_date	DATE NN
is_active	BOOLEAN NN
kind	BLOB(255) NN

attendance_records	
id	INTEGER NN
attendance_session_id	UUID
user_id	UUID
status	VARCHAR(255)
latitude	DECIMAL
longitude	DECIMAL
selfie_photo	VARCHAR(255)
note	TEXT
scanned_at	DATE

classes	
id	UUID NN
level	INTEGER NN
rombel	BLOB(32) NN
major_id	UUID

major_subject	
id	UUID NN
major_id	UUID NN
subject_id	UUID NN
notes	TEXT

role_assignments	
id	UUID NN
major_id	UUID NN
head_of_major_id	UUID
program_coordinator_id	UUID
terms_id	UUID NN

subject_major_allowed	
id	UUID NN
subject_id	UUID NN
major_id	UUID NN
reason	BLOB(255)
is_allowed	BOOLEAN NN

timetable_entries	
id	UUID NN
timetable_template_id	UUID NN
period_id	UUID NN
teacher_subject_id	UUID NN
room_history_id	UUID
day_of_week	BLOB(255) NN
room_id	UUID

attendance_attachments	
id	INTEGER NN
attendance_record_id	UUID
file_path	VARCHAR(255)
file_type	VARCHAR(255)

classhistories	
id	UUID NN
student_id	UUID NN
class_id	UUID NN
terms_id	UUID NN
block_id	UUID NN

majors	
id	UUID NN
code	BLOB(16) NN
name	BLOB(128) NN
description	TEXT
logo	BLOB(255)
website	BLOB(255)
contact_email	BLOB(255)
slogan	BLOB(255)

roles	
id	UUID NN
name	BLOB(50) NN

subjects	
id	UUID NN
code	BLOB(32) NN
name	BLOB(128) NN
description	TEXT
type	BLOB(255) NN

timetable_templates	
id	UUID NN
class_id	UUID NN
block_id	UUID NN
version	BLOB(255) NN
is_active	BOOLEAN NN

staffs	
id	UUID NN
user_id	UUID NN
staff_type	TEXT

