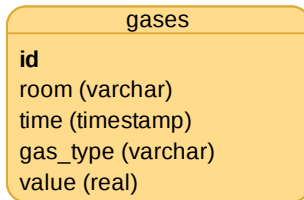Applications: lights/gases/door/motion: bedroom, bathroom, kitchen, garage, balcony,living room
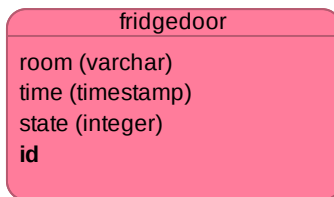
Applications: window/temperature: bedroom, bathroom, kitchen, living room

gases

id
room (varchar)
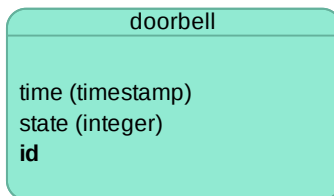time (timestamp)
gas_type (varchar)
value (real)

GASES: type: fire, value: 1 or 0

GASES: type: CO2, value: 400 - 5000

GASES: type: CO, value: >=6 -> SOS

fridgedoor

room (varchar)
time (timestamp)
state (integer)
id
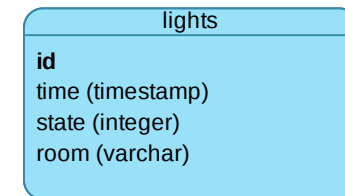
For the fridge we check if the latest state of the door (from the database) was open and compare it with the new state.

doorbell

time (timestamp)
state (integer)
id

Doorbell: We check if it is ringing.

lights
id
time (timestamp)
state (integer)
room (varchar)

thermostat
temperature (real)
time (timestamp)
id
state (integer)

energy
id
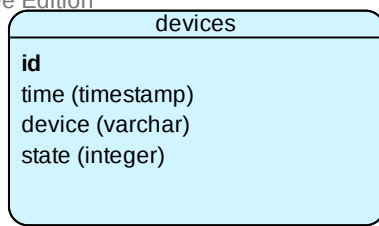time (timestamp)
energy_type (varchar)
capacity (real)
temperature (real)
consumption (real)
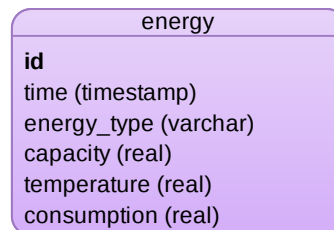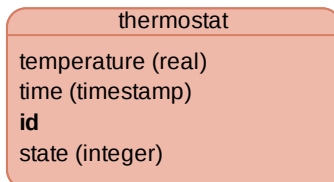
energy: oil boiler and electricity, type: boiler or power

oil boiler: ~ 300 liters capacity, 75 degrees temperature

power: ~ 208 Wh/minute consumption

devices

id
time (timestamp)
device (varchar)
state (integer)

Devices: device: oven, faucet, tv, radio or coffee_maker, state: 1 (on) or 0 (off)

alarm

id
time (timestamp)
isopen (integer)

present

id
time (timestamp)
state (integer)
room (varchar)

door

id
room (varchar)
time (timestamp)
state (integer)

windows

id
room (varchar)
time (timestamp)
isopen (integer)