

actuator	id (PK)	name	actuator_state	time	id_divisions (FK)	day
	0	LIGHT	ON	18:57:03+01	0	2018-04-24
	1	BLINDS	OFF	18:57:25+01	0	2018-04-24
	2	HEAT	ON	18:58:11+01	0	2018-04-24

actuator_future_state	id (PK)	future_state	id_actuator (FK)	id_rules (FK)
	0	ON	0	0
	1	OFF	1	0
	2	OFF	0	1

apartment	id (PK)	floor	number	proprietary	num_divisions	address_building (FK)
	0	0	0	Armando Luis Sousa Araújo	4	Rua Dr. Roberto Frias, 4200-465 Porto

building	address_building (PK)	num_floors	owner	num_apartments
	Rua Dr. Roberto Frias, 4200-465 Porto	1	Daniel, Pedro e Ricardo Lda.	1

divisions	id (PK)	name	num_sensors	num_actuators	id_apartment (FK)	num_rules
	0	ROOM1	2	3	0	4
	1	ROOM2	3	3	0	2
	2	LIVING_ROOM	2	1	0	2

rules	id (PK)	name_sensor_condition1	operator_condition1	threshold_condition1	name_sensor_condition2	operator_condition2	threshold_condition2	sampling_period	schedule	time	id_divisions (FK)	day	num_actuators_future_state	logic_operator
	0	LIGHT1	<	250	NULL	NULL	NULL	NULL	NULL	18:25:22+01	0	2018-04-24	2	NULL
	1	LIGHT1	>	450	NULL	NULL	NULL	NULL	NULL	18:29:08+01	0	2018-04-24	2	NULL
	2	TEMP1	<	15	NULL	NULL	NULL	NULL	NULL	18:30:39+01	0	2018-04-24	1	NULL

sensor	id (PK)	mote_id	sensor_type	data	time	id_divisions (FK)	day
	0	1	TEMP	10	18:52:26+01	0	2018-04-24
	1	1	LIGHT	200	21:02:32+01	0	2018-04-24
	2	2	TEMP	20	18:53:52+01	1	2018-04-24

users	id (PK)	name	permission	password	state	id_apartment (FK)
	0	Daniel Silva	admin	FCPORTO	1	0
	1	Pedro Albergaria	admin	BULLS	1	0
	2	Ricardo Sousa	admin	SLBENFICA	1	0

users_activity	id (PK)	id_users (FK)	activity_description	time	day
	0	0	Rule's table updated - new rule	19:20:43+01	2018-04-24