Design for "indoor_location_db" database

beacon_atmosphere

- atm_id int(11) AI PK
- atm_fk_beacon_id varchar(25)
- atm_temperature double
- atm_humidity double
- atm_check_moment datetime

sergent_battery

- ba_id int(11) AI PK
- ba_fk_sergent_id varchar(25)
- ba_number int(11)
- ba_timestamp datetime

sergent_event

- ev_id int(11) AI PK
- ev_fk_sergent_id varchar(25)
- ev_type tinytext
- ev_description mediumtext
- ev_moment datetime

sergent_status

- st_id int(11) AI PK
- st_fk_sergent_id varchar(25)
- st_deploy tinyint(1)
- st_last_update datetime
- st_version double
- st_version_latest double
- st_charge tinyint(1)
- st_physical tinyint(1)
- st_bluetooth tinyint(1)
- st_sleep_time int(11)

beacon_info

- b_id varchar(25) PK
- b_fk_loc_id int(11)
- b_major int(11)
- b_minor int(11)
- b_fk_section_id int(11)

sergent_info

- s_id varchar(25) PK
- s_major int(11)
- s_minor int(11)
- s_fk_loc_id int(11)

device_location

- loc_id int(11) AI PK
- loc_fk_building_id int(11)
- loc_floor int(11)
- loc_room_number int(11)
- loc_room_type varchar(45)
- loc_nearest_wall char(1)
- loc_comment tinytext
- loc_x double
- loc_y double
- loc_z double

device_voltage

- vo_id int(11) AI PK
- vo_fk_device_id varchar(25)
- vo_level double
- vo_last_check datetime

device_section

- s_id int(11) AI PK
- s_fk_sergent_id varchar(25)

building_info

- bu_id int(11) AI PK
- bu_acronym varchar(7)
- bu_name varchar(31)
- bu_address varchar(40)
- bu_road_name varchar(20)
- bu_road_direction varchar(1)
- bu_road_type varchar(3)
- bu_road_number int(11)