

nodes
-id: int -label: varchar(255) -mac_address: varchar(255) -floor_id: int -coordinate_set: tinyint(1) -created_at: datetime -updated_at: datetime
* holds nodes' constant values * has_many sensor_data * has_many links

nodes_present
-id: int -node_id: int -x_coordinate: double -y_coordinate: double -last_transmission: varchar(255) -packets_sent: int -packets_received: int -created_at: datetime
* holds nodes' frequently changing data

nodes_archive
-id: int -node_id: int -x_coordinate: double -y_coordinate: double -last_transmission: varchar(255) -packets_sent: int -packets_received: int -date_created_id: int
* copy of nodes_present

links_present
-id: int -source_id: int -target_id: int -traffic_id: int -floor_id: int -created_at: datetime

links_archive
-id: int -link_id: int -source_id: int -target_id: int -traffic_id: int -floor_id: int -date_created_id: int
* copy of links_present

sensor_data
-id: int -node_id: int -sensor_type_id: int -value: double -created_at: datetime
* belongs_to a sensor_type * belongs_to a node * join table for nodes and sensor_type

sensor_data_archive
-id: int -node_id: int -sensor_type_id: int -value: double -date_created_id: int
* copy of "sensor_data" table

sensor_type
-id: int -type: varchar(255)
* has_many sensor_data

datetime_archive
-id: int -datetime_archive: datetime
* holds the dates when the table was archived