

users
id (PR) type 'customer','police','basestation' username password fname lname cellphone email_addr profile_image ads_flag

customer_wallets
id (PR) customer_id balance

working_hours
id (PR) start_time(Time) end_time(Time)

price_rates
id (PR) pricing the format of this field is a JSON array of objects like {int, int, int} which means {from,to,price}

cities
id (PR) name

cars
id (PR) customer_id make_model color plate_number (varchar(50))

sectors
id (PR) capacity city_id → cities rep_x rep_y price_rates_id → price_rates working_hour_id → working_hours

sector_segments
id (PR) sector_id → sectors capacity start_x start_y end_x end_y

reservations
id (PR) type 'none', 'localSpotId', 'sectorId', 'sensorId' location_id local_spot_id or sector_id or sensor_id car_id(NULL) has value only in those cases where the reservation determines a plate number. → cars start_time(Time) time_length(# of 30 minutes)

spots
sector_id (PR) → sector local_spot_id sensor_id → sensor

transactions
id (PR) type 'topUp', 'paymentByWallet', 'paymentByRFCard' payer_id contains either wallet_id or RFID → customer_wallets reservation_id → reservations price transaction_date(Date) transaction_time(Time) description

sensors
id (PR) city_id → cities full_flag last_changed last_updated