



If user enters non-existing location, return invalid request to client through API gateway

If lot was taken up while user travelling to location, return request to client with alert that lot has been taken up, request user to choose a new lot

HDB Carpark Information

| ID                     | Data type    |
|------------------------|--------------|
| car_park_no            | VARCHAR(10)  |
| address                | VARCHAR(255) |
| x_coord                | FLOAT(14, 4) |
| y_coord                | FLOAT(14, 4) |
| car_park_type          | VARCHAR(255) |
| type_of_parking_system | VARCHAR(255) |
| short_term_parking     | VARCHAR(255) |
| free_parking           | VARCHAR(255) |
| night_parking          | VARCHAR(255) |
| car_park_decks         | INT(2)       |
| gantry_height          | FLOAT(3, 2)  |
| car_park_basement      | CHAR(1)      |