Vehicle Information Table

Table name: vehicle\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Length | Is Null | Default | Note |
| vehicle\_id | VARCHAR | 36 | Not Null | No default value | Primary key  Generate a unique value for the vehicle number |
| vehicle\_name | VARCHAR | 36 | Not Null | No default value | Name of vehicle |
| vehicle\_location | VARCHAR | 36 | Not Null | No default value | Mark the location of the vehicle |
| vehicle\_free | BIGINT | 20 | Not Null | No default value | Expenses incurred when using a vehicle ￡/h |
| vehicle\_durable | BIGINT | 20 | Not Null | 1000 | Durability of the vehicle  (The default durability of the vehicle is no wear and tear) |
| vehicle\_battery | BIGINT | 20 | Not Null | 100 | Electric capacity of vehicle  (The vehicle battery is full by default) |
| vehicle\_state | BIGINT | 5 | Not Null | No default value | State of the vehicle   * “0” indicates that the vehicle is not in use * “1” means the vehicle is in use * “2” indicates that the vehicle has been damaged |

User Information Table

Table name: user

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Length | Is Null | Default | Note |
| user\_id | VARCHAR | 36 | Not Null | No default value | Primary key  Generate a unique user |
| user\_name | VARCHAR | 36 | Not Null | No default value | Name of user |
| password | VARCHAR | 36 | Not Null | No default value | Encrypted password used by the user to log in |
| salt | VARCHAR | 36 | Not Null | No default value | Encryption of salt |
| level | VARCHAR | 5 | Not Null | No default value | User level   * “1” indicates the administrator * “5” stands for common user |
| money | BIGINT | 5 | Not Null | No default value | Amount of account |
| user\_location | VARCHAR | 36 | Not Null | No default value | Location of the user |
| create\_time | DATETIME |  | Not Null | No default value | Creation Time |
| update\_time | DATETIME |  | Not Null | No default value | Update time |

The Order Sheet

Table name: order

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Length | Is Null | Default | Note |
| order\_id | VARCHAR | 36 | Not Null | No default value | Primary key  Generate a unique order |
| user\_id | VARCHAR | 36 | Not Null | No default value | Foreign key  Identify the user who placed the order |
| vehicle\_id | VARCHAR | 36 | Not Null | No default value | Foreign key  Identify the vehicle being used in the order |
| time | BIGINT | 5 | Not Null | No default value | Service time of vehicle |
| order\_money | VARCHAR | 5 | Not Null | No default value | The order amount |
| state | VARCHAR | 36 | Not Null | No default value | The order status   * “0” does not complete the payment * “1” The payment has been completed |
| create\_time | DATETIME |  | Not Null | No default value | Creation Time |

Error information table

Table name: error\_message\_info

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Length | Is Null | Default | Note |
| error\_id | VARCHAR | 36 | Not Null | No default value | Primary key  Generate a unique error message |
| user\_id | VARCHAR | 36 | Not Null | No default value | Foreign key  Identify the user who provided the error |
| vehicle\_id | VARCHAR | 36 | Not Null | No default value | Foreign key  Identify the vehicle in which the error occurred |
| message | VARCHAR | 36 | Not Null | No default value | Used to store error messages |