#### Data Dictionary :

| Table | Column | DataType | Remark |
| --- | --- | --- | --- |
| user | userID | integer(10) | Primary Key, Auto Increment |
| LoginName | varchar(100) | Unique, Not Null |
| password | char(65) | Not Null, encrypt by sha256 and add 0 to first |
| salesManagerID | integer(10) | Foreign Key |
| dealerID | integer(10) | Foreign Key |
| dealer | dealerID | integer(10) | Primary Key, Auto Increment |
| dealerName | varchar(100) | Unique, Not Null |
| contactName | varchar(100) | Not Null |
| contactNumber | varchar(30) | Not Null |
| faxNumber | varchar(30) | Not Null |
| deliveryAddress | varchar(255) | Not Null |
| cart | userID | integer(10) | Primary Key, Foreign Key |
| sparePartNum | char(6) | Primary Key, Foreign Key |
| qty | integer(10) |  |
| saleManager | salesManagerID | integer(10) | Primary Key, Auto Increment |
| managerName | varchar(100) | Unique, Not Null |
| contactName | varchar(100) | Not Null |
| contactNumber | varchar(30) | Not Null |
| order | orderID | integer(10) | Primary Key, Auto Increment, should be generated automatically |
| orderDateTime | datetime | Not Null |
| deliveryAddress | varchar(255) | Not Null |
| deliveryDate | date | Default Null |
| salesManagerID | integer(10) | Foreign Key |
| dealerID | integer(10) | Not Null, Foreign Key |
| orderItemNumber | integer(10) | Not Null |
| TotalAmount | decimal(10,2) | Not Null |
| shipCost | decimal(10,2) | Not Null |
| isPaid | Bit(1) | Not Null, Default 0 |
| state | char(1) | Not Null, Default 'C',  C = Create Order,  A = Accepted,  R = Rejected,  T = In Transmit,  U = Unavailable,  F = Finished |
| spare | sparePartNum | char(6) | Primary Key |
| category | ENUM ('A', 'B', 'C', 'D') | Not Null |
| sparePartName | varchar(255) | Not Null |
| sparePartImage | varchar(100) | URL, Not Null |
| sparePartDescription | text | Not Null |
| weight | double | Not Null |
| price | decimal(10,2) | Not Null |
| state | char(1) | Not Null, Default 'N',  N = Normal,  D = Delete |
| spareQty | sparePartNum | char(6) | Primary Key, Foreign Key |
| stockItemQty | integer(10) | Not Null |
| orderSpare | sparePartNum | char(6) | Primary Key, Foreign Key |
| orderID | integer(10) | Primary Key, Foreign Key |
| orderQty | integer(10) | Not Null |
| sparePartOrderPrice | decimal(10,2) | Not Null |