**TABLE DESIGN**

SUBMITTED BY: RINI KURIAN

MCALE S3

ROLL NO: 45

1. **LOGIN**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| STAFFID | INT(11) | PRIMARY KEY | USER ID |
| USER NAME | VARCHAR(30) | NOT NULL | USER NAME |
| PASSWORD | VARCHAR(30) | FOREIGN KEY | PASSWORD |
| USER TYPE | VARCHAR(20) | NOT NULL | USER TYPE |

1. **STAFF DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| STAFFID | INT(11) | PRIMARY KEY | USER ID |
| STAFFNAME | VARCHAR(30) | NOT NULL | STAFF NAME |
| MOBILE | VARCHAR(50) | NOT NULL | ADDRESS |
| EMAIL | VARCHAR(50) | NOT NULL | E-MAIL |
| ADDRESS | INT(10) | NOT NULL | MOBILE NUMBER |
| STATUS | VARCHAR(50) | NOT NULL | NOT NULL |

1. **CATEGORY**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| CATID | INT(11) | PRIMARY KEY | CATEGORYID |
| CATNAME | VARCHAR(30) | NOT NULL | CATEGORYNAME |
| STATUS | VARCHAR(30) | NOT NULL | STATUS |

1. **SUBCATEGORY**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| SUBCATID | INT(11) | PRIMARY KEY | SUBCATEGORYID |
| CATID | VARCHAR(30) | FOREIGN KEY | CATEGORYNAME |
| SUBCATNAME | VARCHAR(30) | NOT NULL | SUBCATERYNAME |
| STATUS | VARCHAR(30) | NOT NULL | STATUS |

1. **PRODUCT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| PID | INT(11) | PRIMARY KEY | ITEM ID |
| SUBCATID | VARCHAR(30) | FOREIGN KEY | SUBCATEGORYID |
| PNAME | VARCHAR(50) | NOT NULL | ITEM NAME |
| PIMAGE | VARCHAR(50) | NOT NULL | ITEM IMAGE |
| STATUS | INT(11) | NOT NULL | STATUS |

1. **SUPPLIERS**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| SUPPLIERID | INT(11) | PRIMARY KEY | SUPPLIER ID |
| NAME | VARCHAR(30) | NOT NULL | SUPPLIER NAME |
| MOB | DATE | NOT NULL | MOBILE NUMBER |
| EMAIL ID | VARCHAR(50) | NOT NULL | EMAIL ID |
| GSTNO | INT(10) | NOT NULL | GST NUMBER |
| ADDRESS | INT(11) | NOT NULL | ADDRESS |
| STATUS | VARCHAR(10) | NOT NULL | STATUS |

1. **SALES**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| SALESID | INT(11) | PRIMARY KEY | SALES ID |
| DATE | INT(11) | NOT NULL | DATE |
| CUSTOMER NAME | FLOAT | NOT NULL | CUSTOMER NAME |
| TYPE OF SALE | FLOAT | NOT NULL | TYPE OF SALE |
| DISCOUNT | DATE | NOT NULL | DISCOUNT |
| SUB\_TOTAL | INT(30) | NOT NULL | SUB\_TOTAL |
| TOTAL | INT(20) | NOT NULL | TOTAL |
| STATUS | VARCHAR(10) | NOT NULL | STATUS |

1. **SALES\_CHILD**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| SAL\_CH\_ID | INT(11) | PRIMARY KEY | CART ID |
| SALESID | INT(11) | FOREIGN KEY | ITEM ID |
| PID | VARCHAR(10) | FOREIGN KEY | QUANTITY |
| QTY | FLOAT | NOT NULL | DESCRIPTION |
| PRICE | INT(30) | NOT NULL | COST |
| SUBTOTAL | TINY INT | NOT NULL | SUBTOTAL |
| GST | INT(30) | NOT NULL | GST |
| TOTAL | INT(20) | NOT NULL | BILLNO |

1. **STOCK**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| STOCKID | INT (11) | PRIMARY KEY | STOCK ID |
| PID | INT(11) | FOREIGN KEY | PRODUCTID |
| QTY | VARCHAR(50) | NOT NULL | QUANTITY |
| BUYINGPRICE | INT(10) | NOT NULL | BUYING PRICE |
| SELLING PRICE | INT(10) | NOT NULL | SELLING PRICE |
| SERIAL NO | INT(10) | NOT NULL | SERIAL NO |
| STATUS |  | NOT NULL | STATUS |

1. **PURCHASE**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| PURCHASEID | INT(11) | PRIMARY KEY | DELIVERY ID |
| SUPLIERID | INT(11) | FOREIGN KEY | ITEM ID |
| DATE | DATE | NOT NULL | STATUS |
| TOTAL | INT(11) | NOT NULL | DATE |
| SUBTOTAL | INT(11) | NOT NULL | TOTAL |
| DISCOUNT | INT(11) | NOT NULL | SUBTOTAL |
| TOTAL | INT(11) | NOT NULL | DISCOUNT |
| STATUS | INT(11) | NOT NULL | TOTAL |

1. **PURCHASE\_CHILD**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| PURCHASECHILD | INT(11) | PRIMARY KEY | PURCHASECHILD ID |
| PURCHASEID | INT(11) | FOREIGN KEY | PURCHASEID |
| PID | INT(11) | FOREIGN KEY | ITEMID |
| QTY | INT(11) | NOT NULL | QUANTITY |
| PRICE | TINY INT | NOT NULL | PRICE |
| SUBTOTAL | VARCHAR(20) | NOT NULL | SUBTOTAL |
| GST | INT(11) | NOT NULL | GST |
| TOTAL | INT(11) | NOT NULL | TOTAL |
| PAID AMOUNT | INT(11) | NOT NULL | PAID AMOUNT |

1. **PAYMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| FIELD NAME | DATA TYPE | CONSTRAINTS | DESCRIPTION |
| CID | INT(11) | PRIMARY KEY | CREDIT\_ID |
| STOCKID | VARCHAR(20) | NOT NULL | STOCKID |
| CR | VARCHAR(20) | NOT NULL | CREDIT AMOUNT |
| DR | VARCHAR(20) | NOT NULL | DEBIT AMOUNT |
| COMMENTS | VARCHAR(20) | NOT NULL | COMMENTS |