#### **PROBLEM STATEMENT:**

The aim of this project is to make a DataBase for an E-Commerce site to manage the orders in their website and maintaining all the orders and transactions made through their site which is normalised to maximum extent and reducing data reduundancy

#### **ASSUMPTIONS:**

#### **WARE HOUSE:**

All products of the e-Commerce site are stored in multiple ware house's located in different locations from which the products of orders ordered from the site are delivered to customers.

Same product can be stored in multiple ware houses

#### **PRODUCTS:**

The records of all products are maintained in this table. Each product has a unique product ID. The price of the product, name and category of the prouct are stored in this table.

#### **STOCK:**

This relation between product and ware house gives us the quantity of all products product present in every ware house along with its expiry date.

#### **SUPPLIES:**

The record of no of products being supplied, supplied date and expiry date to a ware house are maintained by this table. Supplies are received only if the quantity of the product in the ware house is zero.

#### **EXPIRED:**

The products are checked every day. If a product is found expired in a ware house then it will be returned back

#### **CUSTOMER:**

This table stores the details of customer i.e username, password,...

Each customer is identified by a unique username. A customer can store multiple addresse's and cards

Payments are made only through the cards saved by the customer and the orders are delivered to the address saved by the customer

#### **CART:**

It is a relation between a customer and the products.

The products and its quantity wishlisted by the customer are stored in this table.

#### **ORDER:**

All the orders placed by the customer are stored in this table which are identified by order id.

The record of no of products ordered, the address to which it is delivered, the price of the order and the ware house from which the products are delivered are maintained in this table

An order can be successfully placed only if all the products in the order are available in stock from a single warehouse and the payment is successful

#### **PAYMENT:**

The payment of every order placed will be received online using debit card only.

If the payment is failed then order will be cancelled. Once the status of payment is successful then order is successfully placed

#### **DELIVERY:**

Every order placed from the site are delivered by a delivery service.

Each delivery can be tracked by the customer using the tracking id provided by the service

## **FLOW OF PROCESS:**

The products are stored in multiple Warehouse's

Customer orders products from the E-Commerce Site

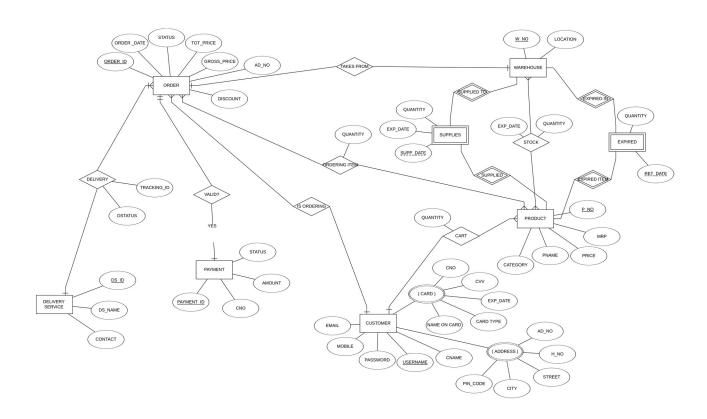
If all the products in order are present in a single warehouse in required quantity then it is proceeded to payments

If payment is succesful then order is placed

Payment is made only through online transactions using debit cards

After successful order it is sent through delivery service to the saved address

## **ER DIAGRAM:**



## **ENTITIES**

Customer

**Product** 

Ware House

Order

**Payment** 

**Delivery Service** 

**Supplies** 

**Expired** 

## **RELATIONS**

Cart

Is Ordering

Supplies To, Supplied

Stock

Expired IN, Expired Item

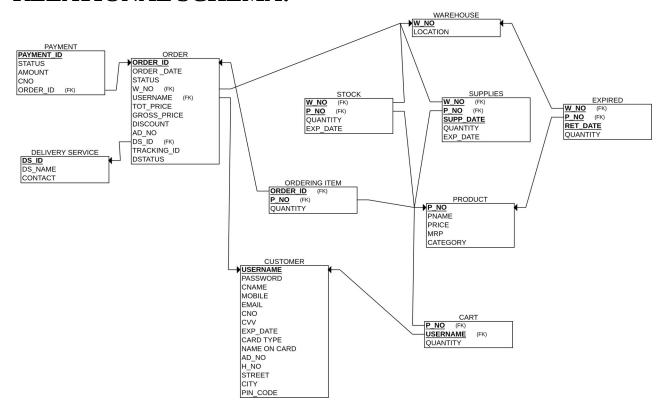
Takes From

Ordering Item

Delivery

<sup>\*</sup> SUPPLIES and EXPIRED are weak entities SUPPLIES is identified by relations SUPPLIED and SUPPLIED TO EXPIRED is identified by relations EXPIRED IN,EXPIRED ITEM

## **RELATIONAL SCHEMA:**



# FUNCTIONAL DEPENDENCIES AND TABLES BEFORE NORMALIZATION:

#### 1.

#### **WARE HOUSE:**

(W\_ID,LOCATION)
W\_NO -> LOCATION
NORMAL FORM: BCNF

#### 2.

#### **PRODUCTS:**

(P\_NO,PNAME,PRICE,MRP,CATEGORY)
P\_NO -> PNAME,PRICE,MRP,CATEGORY
NORMAL FORM: BCNF

#### **3.**

#### **STOCK:**

(W\_NO,P\_NO,QUANTITY,EXP\_DATE)
W\_NO,P\_NO -> QUANTITY,EXP\_DATE
NORMAL FORM: BCNF

#### **SUPPLIES:**

(W\_NO,P\_NO,QUANTITY,SUPP\_DATE,EXP\_DATE)
W\_NO,P\_NO,SUPP\_DATE -> QUANTITY,EXP\_DATE
NORMAL FORM; BCNF

#### **5.**

#### **EXPIRED:**

(W\_NO,P\_NO,RET\_DATE,QUANTITY)
W\_NO,P\_NO,RET\_DATE -> QUANTITY
NORMAL FORM: BCNF

#### 6.

#### **CUSTOMER:**

(USERNAME, PASSWORD, CNAME, MOBILE, EMAIL, CNO, CVV, EXP\_DATE, CARD TYPE, NAMEONCARD, AD NO, HNO, STREETCITY, PINCODE)

USERNAME,CNO,AD\_ID -> PASSWORD,CNAME,MOBILE,EMAIL,CVV, EXP\_DATE,CARD\_TYPE,NAMEONCARD,HNO, STREET,CITY,PINCODE

USERNAME -> PASSWORD, CNAME, MOBILE, EMAIL USERNAME, CNO -> CVV, EXP\_DATE, CARD\_TYPE, NAMEONCARD USERNAME, AD\_NO -> HNO, STREET, CITY, PINCODE

NORMAL FORM: NOT IN ANY NORMAL FORM

#### 7.

#### **CART:**

(USERNAME,P\_NO,QUANTITY)
USERNAME,P\_NO -> QUANTITY
NORMAL FORM: BCNF

#### 8.

#### **DELIVERY SERVICE:**

(DS\_ID,DS\_NAME,CONTACT)
DS\_ID -> DS\_NAME,CONTACT
NORMAL FORM : BCNF

#### **ORDER:**

(ORDER\_ID,ORDER\_DATE,STATUS,W\_NO,USERNAME,TOT\_PRICE, GROSS\_PRICE,DISCOUNT,AD\_NO,DS\_ID,TRACKING\_ID,DSTATUS)

ORDER\_ID -> ORDER\_DATE,STATUS,W\_NO,USERNAME,TOT\_PRICE, GROSS\_PRICE,DISCOUNT,AD\_NO,DS\_ID,TRACKING\_ID DSTATUS

NORMAL FORM: BCNF

#### **10.**

#### **ORDERING\_ITEM:**

(ORDER\_ID,P\_NO,QUANTITY) ORDER\_ID,P\_NO -> QUANTITY NORMAL FORM : BCNF

#### 11.

#### **PAYMENT:**

(PAYMENT\_ID,STATUS,AMOUNT,CNO,ORDER\_ID,AMOUNT)
PAYMENT\_ID -> STATUS,AMOUNT,CNO,ORDER\_ID,AMOUNT
NORMAL FORM: BCNF

# FUNCTIONAL DEPENDENCIES AND TABLES AFTER NORMALIZATION:

#### 1.

### **WARE HOUSE:**

(W\_ID,LOCATION)
W\_NO -> LOCATION
NORMAL FORM: BCNF

#### 2.

#### **PRODUCTS:**

(P\_NO,PNAME,PRICE,MRP,CATEGORY)
P\_NO -> PNAME,PRICE,MRP,CATEGORY
NORMAL FORM: BCNF

#### **3.**

#### **STOCK:**

(W\_NO,P\_NO,QUANTITY,EXP\_DATE)
W\_NO,P\_NO -> QUANTITY,EXP\_DATE
NORMAL FORM: BCNF

#### 4.

#### **SUPPLIES:**

(W\_NO,P\_NO,QUANTITY,SUPP\_DATE,EXP\_DATE)
W\_NO,P\_NO,SUPP\_DATE -> QUANTITY,EXP\_DATE
NORMAL FORM; BCNF

#### **5.**

#### **EXPIRED:**

(W\_NO,P\_NO,RET\_DATE,QUANTITY)
W\_NO,P\_NO,RET\_DATE -> QUANTITY
NORMAL FORM: BCNF

#### **CUSTOMER:**

Customer table after normalization decomposed into CUSTOMER, ADDRESS, CARD

CUSTOMER (USERNAME, PASSWORD, CNAME, MOBILE, EMAIL)
ADDRESS (USERNAME, AD\_NO, HNO, STREET, CITY, PINCODE)
CARD (USERNAME, CNO, CVV, EXP\_DATE, CARD\_TYPE, NAMEONCARD)

USERNAME -> PASSWORD, CNAME, MOBILE, EMAIL USERNAME, AD\_NO -> HNO, STREET, CITY, PINCODE USERNAME, CNO -> CVV, EXP\_DATE, CARD\_TYPE, NAMEON CARD

NORMAL FORM: BCNF

#### 7.

#### **ADDRESS:**

(USERNAME, AD\_NO, HNO, STREET, CITY, PINCODE) USERNAME, AD\_NO -> HNO, STREET, CITY, PINCODE NORMAL FORM: BCNF

#### 8.

#### **CARD:**

(USERNAME, CNO, CVV, EXP\_DATE, CARD\_TYPE, NAMEONCARD) USERNAME, CNO -> CVV, EXP\_DATE, CARD\_TYPE, NAMEONCARD NORMAL FORM: BCNF

#### 9.

### **CART:**

(USERNAME,P\_NO,QUANTITY)
USERNAME,P\_NO -> QUANTITY
NORMAL FORM: BCNF

#### **10.**

#### **DELIVERY SERVICE:**

(DS\_ID,DS\_NAME,CONTACT)
DS\_ID -> DS\_NAME,CONTACT
NORMAL FORM : BCNF

#### **ORDER:**

(ORDER\_ID,ORDER\_DATE,STATUS,W\_NO,USERNAME,TOT\_PRICE, GROSS\_PRICE,DISCOUNT,AD\_NO,DS\_ID,TRACKING\_ID,DSTATUS)

ORDER\_ID -> ORDER\_DATE,STATUS,W\_NO,USERNAME,TOT\_PRICE, GROSS\_PRICE,DISCOUNT,AD\_NO,DS\_ID,TRACKING\_ID DSTATUS

NORMAL FORM: BCNF

#### **12.**

#### **ORDERING\_ITEM:**

(ORDER\_ID,P\_NO,QUANTITY) ORDER\_ID,P\_NO -> QUANTITY NORMAL FORM : BCNF

#### **13.**

#### **PAYMENT:**

(PAYMENT\_ID,STATUS,AMOUNT,CNO,ORDER\_ID,AMOUNT)
PAYMENT\_ID -> STATUS,AMOUNT,CNO,ORDER\_ID,AMOUNT
NORMAL FORM: BCNF

# IMPLEMENTATION IN SQL

```
create database ecomm_project;
use ecomm_project;
create table warehouse
     w_no int primary key,
  location varchar(50)
);
create table products
     p_no int primary key,
  pname varchar(50),
  price float,
  mrp float,
  category varchar(20)
);
create table stock
      p_no int,
  w_no int,
  quantity int,
  exp_date date,
  primary key(p_no,w_no),
  foreign key(p_no) references products(p_no),
  foreign key(w_no) references warehouse(w_no)
);
create table supplies
(
     p_no int,
  w_no int,
  supp_date date,
  quantity int,
  exp_date date,
  primary key(p_no,w_no,supp_date),
  foreign key(p_no) references products(p_no),
  foreign key(w_no) references warehouse(w_no)
```

```
);
create table expired
      p_no int,
  w_no int,
  ret date date,
  quantity int,
  primary key(p_no,w_no,ret_date),
  foreign key(p_no) references products(p_no),
  foreign key(w_no) references warehouse(w_no)
);
create table customer
      username varchar(50) primary key,
  pass varchar(50),
  cname varchar(50),
  phno varchar(10),
  email varchar(50)
);
create table card
      cno int,
  username varchar(50),
  cvv int,
  exp_date date,
  nameoncard varchar(50),
  card_type varchar(20),
  primary key(cno,username),
  foreign key(username) references customer(username)
);
create table address
(
      ad_no int,
  username varchar(50),
  hno varchar(10),
  street varchar(10),
  city varchar(50),
  pincode int,
```

```
primary key(ad_no,username),
  foreign key (username) references customer(username)
);
create table cart
      username varchar(50),
  p_no int,
  quantity int,
  primary key(username,p_no),
  foreign key (username) references customer(username),
  foreign key (p_no) references products(p_no)
);
create table delivery_service
      ds_id int primary key,
  ds_name varchar(50),
  contact varchar(50)
);
create table order
      order_id int primary key,
  order_date date,
  order status varchar(20),
  w no int,
  username varchar(50),
  tot_price float,
  gorss_price float,
  discount float,
  ad_no int,
  ds id int,
  tracking_id int,
  dstatus varchar(20),
  foreign key (w_no) references warehouse(w_no),
  foreign key (username) references customer(username),
  foreign key (ad no) references address(ad no),
  foreign key (ds_id) references delivery_service(ds_id)
);
create table order_item
```

```
order_id int,
  p_no int,
  quantity int,
  primary key(order_id,p_no),
  foreign key(order_id) references order_(order_id),
  foreign key(p_no) references products(p_no)
);
create table payment
     payment_id int primary key,
  payment_status varchar(20),
  amount float,
  cno int,
  order_id int,
  foreign key (cno) references card(cno),
  foreign key (order_id) references order_(order_id)
);
```

# **OUTPUT OF CREATION**

Acti	ion Out	put 🕶			
	#	Time	Action	Message	Duration / Fetcl
	1	01:12:22	create database ecomm_project	1 row(s) affected	0.249 sec
	2	01:12:25	use ecomm_project	0 row(s) affected	0.00084 sec
	3	01:12:28	create table warehouse ( w_no int primary key, loca	0 row(s) affected	0.846 sec
	4	01:12:32	create table products ( p_no int primary key, pname v	0 row(s) affected	0.679 sec
	5	01:12:36	create table stock ( p_no int, w_no int, quantity int,	0 row(s) affected	1.981 sec
	6	01:12:41	create table supplies ( p_no int, w_no int, supp_dat	0 row(s) affected	1.586 sec
	7	01:12:45	create table expired ( p_no int, w_no int, ret_date	0 row(s) affected	1.546 sec
	8	01:12:49	create table customer ( username varchar(50) primary k	0 row(s) affected	0.895 sec
	9	01:12:58	create table card ( cno int, username varchar(50), c	0 row(s) affected	3.134 sec
	10	01:13:04	create table address ( ad_no int, username varchar(5	0 row(s) affected	4.371 sec
	11	01:13:14	create table cart ( username varchar(50), p_no int,	0 row(s) affected	2.877 sec
	12	01:13:20	create table delivery_service ( ds_id int primary key,	0 row(s) affected	2.364 sec
	13	01:13:24	create table order_( order_id int primary key, orde	0 row(s) affected	3.376 sec
	14	01:13:32	create table order_item ( order_id int, p_no int, q	0 row(s) affected	4.535 sec
	15	01:13:38	create table payment ( payment_id int primary key, p	0 row(s) affected	3.338 sec

## INSERTION OF VALUES INTO DATABASE

```
insert into warehouse values(1,'HYDERABAD');
insert into warehouse values(2,'BENGALURU');
insert into warehouse values(3,'MUMBAI');
select * from warehouse;
insert into products values(1,'OPPO F-19
PRO',22000,25000,'ELECTRONICS');
insert into products values(2,'REALME 8
PRO',18000,20000,'ELECTRONICS');
insert into products values(3,'PARLE-G',48,50,'FOOD');
insert into products values(4,'DIARY MILK',67,70,'FOOD');
insert into products values(5,'BOAT HEADSET',1500,2000,'ACCESORIES');
insert into products values(6,'CINTHOL SOAP',30,33,'COSMETICS');
insert into products values(7,'MAGGIE',69,72,'GROCERIES');
insert into products values(8,'BOOST',100,105,'GROCERIES');
select * from products;
insert into stock values(1,1,4,null);
insert into stock values(2,1,11,null);
insert into stock values(3,1,7,str_to_date('10-11-2022','%m-%d-%Y'));
insert into stock values(4,1,11,str_to_date('10-1-2022','%m-%d-%Y'));
```

```
insert into stock values(5,1,10,str_to_date('10-21-2022','%m-%d-%Y'));
insert into stock values(3,2,9,str_to_date('10-01-2022','%m-%d-%Y'));
insert into stock values(4,2,18,str_to_date('10-30-2022','%m-%d-%Y'));
insert into stock values(5,2,10,null);
insert into stock values(6,2,19,str to date('10-11-2022','%m-%d-%Y'));
insert into stock values(7,2,11,str_to_date('10-10-2022','%m-%d-%Y'));
insert into stock values(1,3,1,null);
insert into stock values(2,3,6,null);
insert into stock values(6,3,13,str to date('10-09-2022','%m-%d-%Y'));
insert into stock values(7,3,5,str_to_date('10-05-2022','%m-%d-%Y'));
insert into stock values(8,3,4,str to date('10-04-2022','%m-%d-%Y'));
select * from stock;
insert into supplies values(1,1,str to date('10-11-2020','%m-%d-%Y'),5,null);
insert into supplies values(2,1,str_to_date('10-01-2020','%m-%d-%Y'),11,null);
insert into supplies values(3,1,str_to_date('10-14-2020','%m-%d-
%Y'),9,str_to_date('10-11-2022','%m-%d-%Y'));
insert into supplies values(4,1,str_to_date('10-12-2020','%m-%d-
%Y'),11,str to date('10-1-2022','%m-%d-%Y'));
insert into supplies values(5,1,str_to_date('10-22-2020','%m-%d-
%Y'),13,str_to_date('10-21-2022','%m-%d-%Y'));
insert into supplies values(3,2,str to date('10-19-2020','%m-%d-
%Y'),10,str_to_date('10-01-2022','%m-%d-%Y'));
insert into supplies values(4,2,str to date('10-16-2020','%m-%d-
%Y'),22,str to date('10-30-2022','%m-%d-%Y'));
insert into supplies values(5,2,str_to_date('10-14-2020','%m-%d-%Y'),10,null);
```

```
insert into supplies values(6,2,str_to_date('10-10-2020','%m-%d-
%Y'),19,str to date('10-11-2022','%m-%d-%Y'));
insert into supplies values(7,2,str_to_date('10-10-2020','%m-%d-
%Y'),14,str_to_date('10-10-2022','%m-%d-%Y'));
insert into supplies values(1,3,str to date('10-07-2020','%m-%d-%Y'),11,null);
insert into supplies values(2,3,str_to_date('10-18-2020','%m-%d-%Y'),1,null);
insert into supplies values(6,3,str to date('10-14-2020','%m-%d-
%Y'),7,str_to_date('10-09-2022','%m-%d-%Y'));
insert into supplies values(7,3,str to date('10-25-2020','%m-%d-
%Y'),16,str to date('10-05-2022','%m-%d-%Y'));
insert into supplies values(8,3,str_to_date('10-29-2020','%m-%d-
%Y'),5,str_to_date('10-04-2022','%m-%d-%Y'));
insert into supplies values(8,3,str_to_date('10-20-2020','%m-%d-
%Y'),9,str_to_date('01-01-2021','%m-%d-%Y'));
select * from supplies;
insert into expired values(8,3,str_to_date('01-01-2021','%m-%d-%Y'),5);
select * from expired;
insert into customer values('SUSHITH','SUS','SUSHITH
REDDY','1111111111','sushith@xyz.com');
insert into customer values('PARTHIV','PAR','PARTHIV
REDDY','222222222','parthiv@xyz.com');
insert into customer values('ABHINAV','ABHI','ABHINAV
REDDY','333333333','abhinav@xyz.com');
insert into customer values('ROHITH','ROH','ROHITH
RAO','444444444','rohith@xyz.com');
```

select \* from customer;

insert into card values(1000, 'SUSHITH', 123, str\_to\_date('12-31-2025', '%m-%d-%Y'), 'A', 'VISA');

insert into card values(1001, 'SUSHITH', 456, str\_to\_date('12-31-2025', '%m-%d-%Y'), 'B', 'RUPAY');

insert into card values(1002,'PARTHIV',789,str\_to\_date('12-31-2025','%m-%d-%Y'),'C','MASTER CARD');

insert into card values(1003,'PARTHIV',145,str\_to\_date('12-31-2025','%m-%d-%Y'),'D','AMERICAN EXPRESS');

insert into card values(1004,'ROHITH',567,str\_to\_date('12-31-2025','%m-%d-%Y'),'E','RUPAY');

insert into card values(1005,'ABHINAV',123,str\_to\_date('12-31-2025','%m-%d-%Y'),'F','VISA');

select \* from card;

insert into address values(1,'SUSHITH','1-1','A','HYDERABAD',500001); insert into address values(2,'SUSHITH','1-2','B','HYDERABAD',500002); insert into address values(1,'PARTHIV','1-3','C','HYDERABAD',500003); insert into address values(2,'PARTHIV','1-4','D','HYDERABAD',500004); insert into address values(1,'ABHINAV','1-5','E','HYDERABAD',500005); insert into address values(1,'ROHITH','1-6','F','HYDERABAD',500006);

select \* from address;

insert into cart values('SUSHITH',1,1);

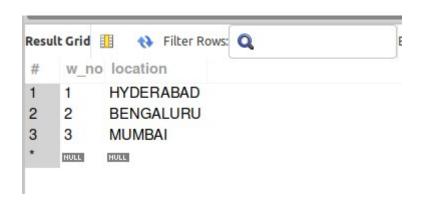
```
insert into cart values('SUSHITH',3,2);
insert into cart values('SUSHITH',6,5);
insert into cart values('SUSHITH',8,3);
insert into cart values('PARTHIV',2,1);
insert into cart values('PARTHIV',4,3);
insert into cart values('PARTHIV',5,4);
insert into cart values('PARTHIV',6,2);
insert into cart values('ROHITH',2,1);
insert into cart values('ROHITH',7,4);
insert into cart values('ABHINAV',3,3);
insert into cart values('ABHINAV',5,1);
select * from cart;
insert into delivery service values(1,'INDIA
POST', 'indiapost@indiapost.gov.in');
insert into delivery_service values(2,'BLUE DART','bluedart@bluedart.com');
insert into delivery service values(3,'FEDEX','fedex@fedex.com');
insert into delivery_service values(4,'DHL','dhl@dhl.com');
select * from delivery service;
insert into order_values(1,str_to_date('12-31-2020','%m-%d-
%Y'),'SUCCESS',1,'SUSHITH',22098,25100,3004,1,1,1,'DELIVERED');
insert into order_values(2,str_to_date('01-02-2021','%m-%d-
%Y'),'SUCCESS',2,'SUSHITH',268,280,12,2,2,2,'DELIVERED');
```

```
insert into order_values(3,str_to_date('01-05-2021','%m-%d-
%Y'),'SUCCESS',2,'PARTHIV',531,554,23,1,3,3,'DELIVERED');
insert into order_values(4,str_to_date('01-09-2021','%m-%d-
%Y'),'SUCCESS',3,'PARTHIV',500,525,25,2,4,4,'DELIVERED');
insert into order values(5,str to date('01-11-2021','%m-%d-
%Y'),'SUCCESS',3,'ROHITH',18000,20000,2000,1,1,5,'DELIVERED');
insert into order_values(6,str_to_date('01-16-2021','%m-%d-
%Y'),'SUCCESS',3,'ABHINAV',90,99,9,1,2,6,'DELIVERED');
insert into order_values(7,str_to_date('01-19-2021','%m-%d-
%Y'),'SUCCESS',1,'ABHINAV',1500,200,500,1,3,7,'DELIVERED');
insert into order_ values(8,str_to_date('01-22-2021','%m-%d-%Y'),'NO
STOCK',null,'SUSHITH',22148,25155,3007,1,null,null,null);
insert into order values(9,str to date('01-25-2021','%m-%d-%Y'),'NO
STOCK',null,'PARTHIV',22136,25142,3006,2,null,null,null);
insert into order values(10,str to date('01-31-2021','%m-%d-
%Y'),'PAYMENT FAILED',null,'ROHITH',18000,20000,2000,1,null,null,null);
select * from order ;
insert into order item values(1,1,1);
insert into order item values(1,3,2);
insert into order_item values(2,4,4);
insert into order_item values(3,3,1);
insert into order item values(3,7,3);
insert into order_item values(4,8,5);
insert into order_item values(5,2,1);
insert into order_item values(6,6,3);
insert into order item values(7,5,3);
```

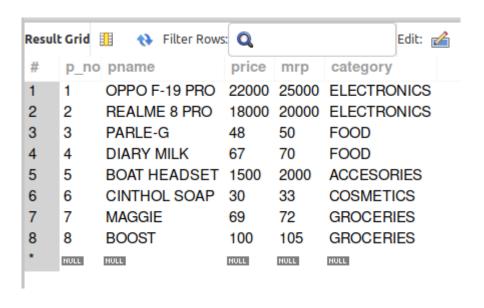
```
insert into order_item values(8,1,1);
insert into order_item values(8,3,1);
insert into order_item values(8,8,1);
insert into order_item values(9,1,1);
insert into order item values(9,4,1);
insert into order_item values(9,7,1);
insert into order_item values(10,2,1);
select * from order_item;
insert into payment values(1,'SUCCESS',22098,1000,1);
insert into payment values(2,'SUCCESS',268,1001,2);
insert into payment values(3,'SUCCESS',531,1002,3);
insert into payment values(4,'SUCCESS',500,1003,4);
insert into payment values(5,'SUCCESS',18000,1004,5);
insert into payment values(6,'SUCCESS',90,1005,6);
insert into payment values(7,'SUCCESS',1500,1005,7);
insert into payment values(8,'INSUFFICIENT FUNDS',18000,1004,10);
select * from payment;
```

# **OUTPUT OF DATA INSERTION**

#### **WAREHOUSE:**



#### **PRODUCTS:**



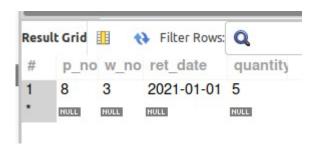
# STOCK:

Resu	lt Grid		Filte	r Rows: 🔍	Edit:
#	p_n	o w_n	o quan	tity exp_date	
1	1	1	4	NULL	
2	1	3	1	NULL	
3	2	1	11	NULL	
4	2	3	6	NULL	
5	3	1	7	2022-10-11	
6	3	2	9	2022-10-01	
7	4	1	11	2022-10-01	
8	4	2	18	2022-10-30	
9	5	1	10	2022-10-21	
10	5	2	10	NULL	
11	6	2	19	2022-10-11	
12	6	3	13	2022-10-09	
13	7	2	11	2022-10-10	
14	7	3	5	2022-10-05	
15	8	3	4	2022-10-04	
*	NULL	NULL	NULL	NULL	

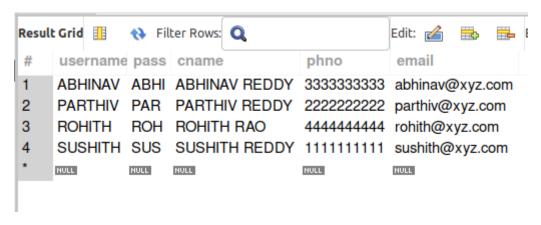
## **SUPPLIES:**

Resu	lt Grid	<b>II</b> •	Filter Rows:	Q		E
#	p_n	o w_no	supp_date	quan	tity exp_date	
1	1	1	2020-10-11	5	NULL	
2	1	3	2020-10-07	11	NULL	
3	2	1	2020-10-01	11	HULL	
4	2	3	2020-10-18	1	HULL	
5	3	1	2020-10-14	9	2022-10-11	
6	3	2	2020-10-19	10	2022-10-01	
7	4	1	2020-10-12	11	2022-10-01	
8	4	2	2020-10-16	22	2022-10-30	
9	5	1	2020-10-22	13	2022-10-21	
10	5	2	2020-10-14	10	HULL	
11	6	2	2020-10-10	19	2022-10-11	
12	6	3	2020-10-14	7	2022-10-09	
13	7	2	2020-10-10	14	2022-10-10	
14	7	3	2020-10-25	16	2022-10-05	
15	8	3	2020-10-20	9	2021-01-01	
16	8	3	2020-10-29	5	2022-10-04	
*	NULL	HULL	NULL	NULL	NULL	

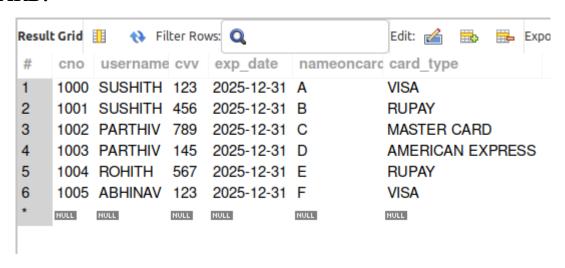
#### **EXPIRED:**



#### **CUSTOMER:**



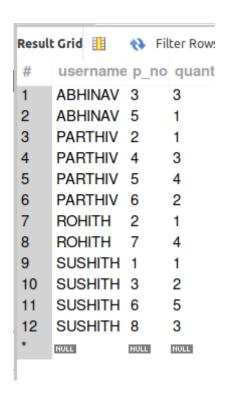
#### **CARD:**



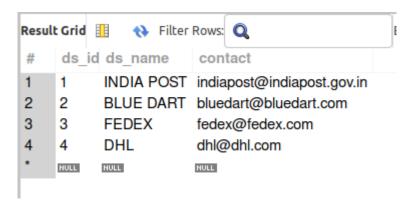
#### **ADDRESS:**

Resul	Grid 📗	N Filte	er Rows	<b>Q</b>		Edit:
#	ad_no	username	hno	street	city	pincode
1	1	ABHINAV	1-5	Е	HYDERABAD	500005
2	1	PARTHIV	1-3	С	HYDERABAD	500003
3	1	ROHITH	1-6	F	HYDERABAD	500006
4	1	SUSHITH	1-1	Α	HYDERABAD	500001
5	2	PARTHIV	1-4	D	HYDERABAD	500004
6	2	SUSHITH	1-2	В	HYDERABAD	500002
*	NULL	NULL	NULL	NULL	NULL	NULL

#### **CART:**



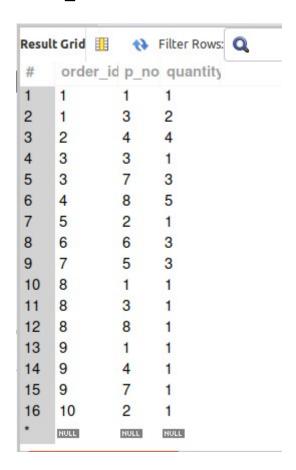
## **DELIVERY\_SERVICE:**



# ORDER\_:

esul	t Grid 🔢	🙌 Filter Ro	ows:		Edit: 🝊	-	Export/Import		Mrap	Cell Con	tent: 🔼	
#	order_id	order_date	order_status	w_no	username	tot_price	gorss_price	discoun	ad_no	ds_id	tracking_i	dstatus
1	1	2020-12-31	SUCCESS	1	SUSHITH	22098	25100	3004	1	1	1	DELIVERE
2	2	2021-01-02	SUCCESS	2	SUSHITH	268	280	12	2	2	2	DELIVERE
3	3	2021-01-05	SUCCESS	2	PARTHIV	531	554	23	1	3	3	DELIVERE
4	4	2021-01-09	SUCCESS	3	PARTHIV	500	525	25	2	4	4	<b>DELIVERE</b>
5	5	2021-01-11	SUCCESS	3	ROHITH	18000	20000	2000	1	1	5	DELIVERE
6	6	2021-01-16	SUCCESS	3	ABHINAV	90	99	9	1	2	6	DELIVERE
7	7	2021-01-19	SUCCESS	1	ABHINAV	1500	200	500	1	3	7	DELIVERE
3	8	2021-01-22	NO STOCK	NULL	SUSHITH	22148	25155	3007	1	NULL	NULL	NULL
9	9	2021-01-25	NO STOCK	NULL	PARTHIV	22136	25142	3006	2	NULL	NULL	NULL
10	10	2021-01-31	PAYMENT FAILED	NULL	ROHITH	18000	20000	2000	1	NULL	NULL	NULL
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

# **ORDER\_ITEM:**



# **PAYMENT:**

Result Grid [] 🙌 Filter Rows: 🔍						
#	payı	ment_ic payment_status	amount	cno	orde	
1	1	SUCCESS	22098	1000	1	
2	2	SUCCESS	268	1001	2	
3	3	SUCCESS	531	1002	3	
4	4	SUCCESS	500	1003	4	
5	5	SUCCESS	18000	1004	5	
6	6	SUCCESS	90	1005	6	
7	7	SUCCESS	1500	1005	7	
8	8	INSUFFICIENT FUNDS	18000	1004	10	
*	NULL	NULL	NULL	NULL	NULL	