**Documentation Of DBMS Course Project**



**Topic : Online Shopping Management System (E-commerce )**

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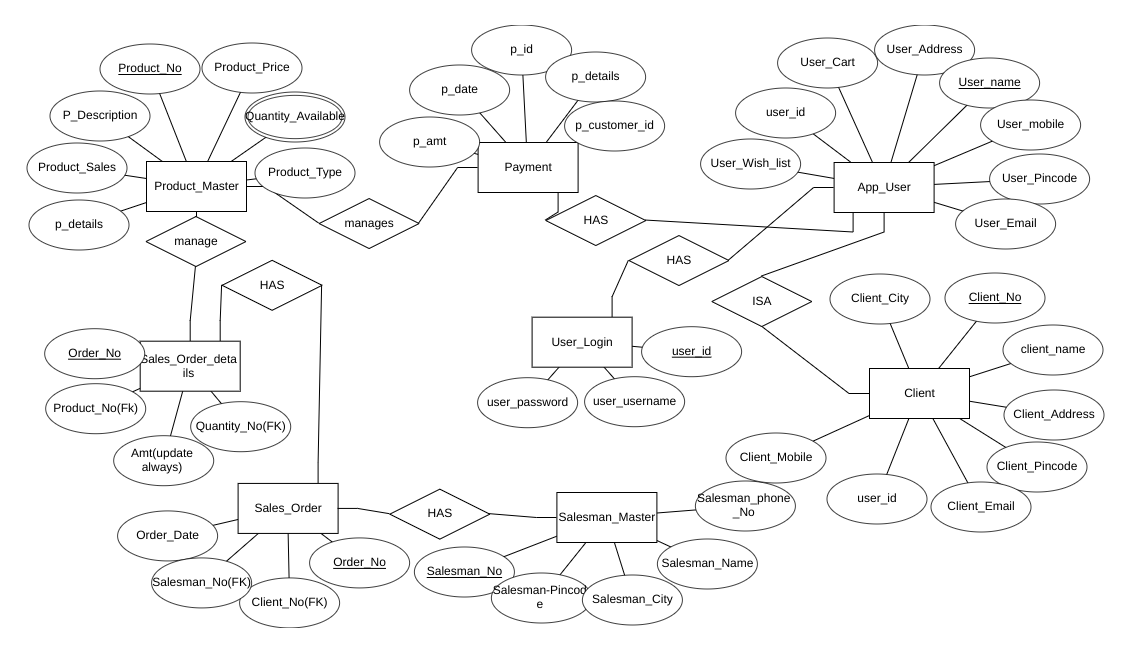
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**EDGE PROJECT**

Topic : Online Shopping Management System (E-commerce )

Number of tables :8

ER diagram:



Details of tables:

1)Product\_master

A.p\_details -[FK]payment details,This attribute is common between payment and

product master table.

B.product\_sales- Information of product sales

C.product\_description -detailed information of product which are there to sale

D.product\_no -[PK]product has given a unique id i.e number .user ordered some specific

product which is named by some product number

E.product\_price -prices of products

F.quantity\_available -multivalued attribute - this is multivalued attribute which

describes available quantities.

G.product\_type -Types of product.categories like women, men,etc.

2.sales\_order\_details

A.order\_no-[PK]user orders some specific product and it has some order number.

B.product\_no- [FK]product has given a unique id i.e number .user ordered some specific

product which is named by some product number

C.amt-price of product

D.quantity\_no- how many quantities are ordered by user is indicated by quantity number

3. Sales\_order -

A.order\_date-date on which user ordered product

B.salesman\_no-[FK]salesman who will deliver order to user

C.client\_no- [FK]user number,id ,etc.

D.order\_no-[PK]user orders some specific product and it has some order number.

4.salesman\_master

A.salesman\_no-[PK]salesman unique id

B.salesman\_pincode-pincode id of salesman

C.salesman\_city-city of salesman

D.salesman\_name-name of salesman

E.salesman\_phone\_no-salesman phone number

5.client-

A.client\_mobile-mobile number of client

B.user\_id-[FK]user id of client to log in to web/app

C.client\_email-email id of client for creation of workspace for user

D.client\_pincode-pincode of client,address requirement

E.client\_address-address of client for delivery purpose

F.client\_name-name of client

G.client\_no-[PK]unique id of client which is primary key of this table

H.client\_city-city of client for address purpose for delivery.

6.App\_user -

A.user\_wish\_list-user wants to wish to buy this product

B.user\_id-[FK]user id of client/user user id is necessary for log in to the web/app

C.user\_cart-user added product to buy the product

D.user\_address-address of user

E.user\_name-name of user for log in to the app/website

F.user\_mobile-mobile number of user

G.user\_pincode-pincode of user for location purpose.

H.user\_email-email address of user for login purpose.

7.user\_log\_in

A.user\_password-password of user for security purpose.

B.user\_username-username of user for login purpose

C.user\_id-[PK]user id of user for login app/website.

## Implementation

You can directly copy and paste all the commands from the text given here into the SQL console to create and insert values into your table.

1.

create table user\_login

(

user\_email\_id varchar(20),

user\_password int(11),

primary key(user\_email\_id)

);

2.

create table app\_user\_one

(

user\_email\_id varchar(20),

user\_mobile int(11),

user\_cart varchar(20),

user\_wishlist varchar(20),

primary key(user\_email\_id)

);

3.

create table app\_user\_two

(

user\_email\_id varchar(20),

user\_streetno int(11),

user\_city varchar(20),

primary key(user\_email\_id);

);

4.

create table app\_user\_three(

user\_email\_id varchar(20),

user\_state varchar(20),

user\_pincode int(11),

primary key(user\_email\_id)

);

5.

create table client\_one

(

client\_no int(11),

client\_name varchar(20),

client\_email varchar(20),

client\_mobile int(11),

user\_email\_id varchar(20),

primary key(client\_no),

foreign key(user\_email\_id) references app\_user\_one(user\_email\_id),

foreign key(user\_email\_id) references app\_user\_two(user\_email\_id),

foreign key(user\_email\_id) references app\_user\_three(user\_email\_id),

foreign key(user\_email\_id) references app\_user\_one(user\_email\_id)

);

6.

create table client\_two

(

client\_no int(11),

client\_streetno int(11),

primary key(client\_no)

);

7.

create table client\_three

(

client\_no int(11),

client\_pincode int(11)

);

8.

create table salesman\_master

(

salesman\_no int(11),

salesman\_name varchar(20),

salesman\_phoneno int(11),

salesman\_pincode int(11),

primary key(salesman\_no);

);

9.

create table sales\_order

(

order\_no int(11),

order\_date date,

salesman\_no int(11),

client\_no int(11),

foreign key (order\_no) references sales\_order\_details(order\_no),

foreign key (client\_no) references client\_one(client\_no),

foreign key (salesman\_no) references salesman\_master(salesman\_no),

foreign key (order\_no) references sales\_order\_details(order\_no)

);

10.

create table sales\_order\_details

(

order\_no int(11),

product\_no int(11),

quantity\_no int(11),

primary key(order\_no),

foreign key (product\_no) references product\_master\_one(product\_no),

foreign key (product\_no) references product\_master\_two(product\_no)

);

11.

create table payment\_one

(

pay\_id int(11),

pay\_amt int(11),

pay\_date date,

pay\_customer\_id int(11),

primary key(pay\_id)

);

12.

create table payment\_two

(

pay\_id int(11),

pay\_details\_cash varchar(20),

pay\_details\_online varchar(20),

primary key(pay\_id)

);

13.

create table product\_master\_one

(

product\_no int(11),

pay\_id int(11),

product\_price int(11),

quantity\_available int(11),

primary key(product\_no)

foreign key (pay\_id) REFERENCES payment\_one(pay\_id),

foreign key (pay\_id) REFERENCES payment\_two(pay\_id)

);

14.

create table product\_master\_two

(

product\_no int(11),

product\_sizeforcustomer varchar(20),

product\_colour varchar(20),

primary key(product\_no)

);