ONLINE ELECTRONIC SHOP

**INDEX**

## SR.NO TOPIC SIGN

|  |  |
| --- | --- |
| 1. | Introduction |
| 2. | CONSIDER CASE ONLINE ELECTRONIC SHOP AND DESIGN ITS DOCUMENTATION BY USING ER DIAGRAM. |
| 3. | ER Diagram |
| 4. | Structure of System |
| 5. | Queries |

**INTRODUCTION**

*The topic Online Electronic Shop is used to manage the sales, distribution and record of stocks of the particular products.*

*The project includes the*

* *ER diagram of Online Electronic Shop.*
* *Structure of the system with the help of table.*
* *Queries: a) create*

*b) insert*

*c) select*

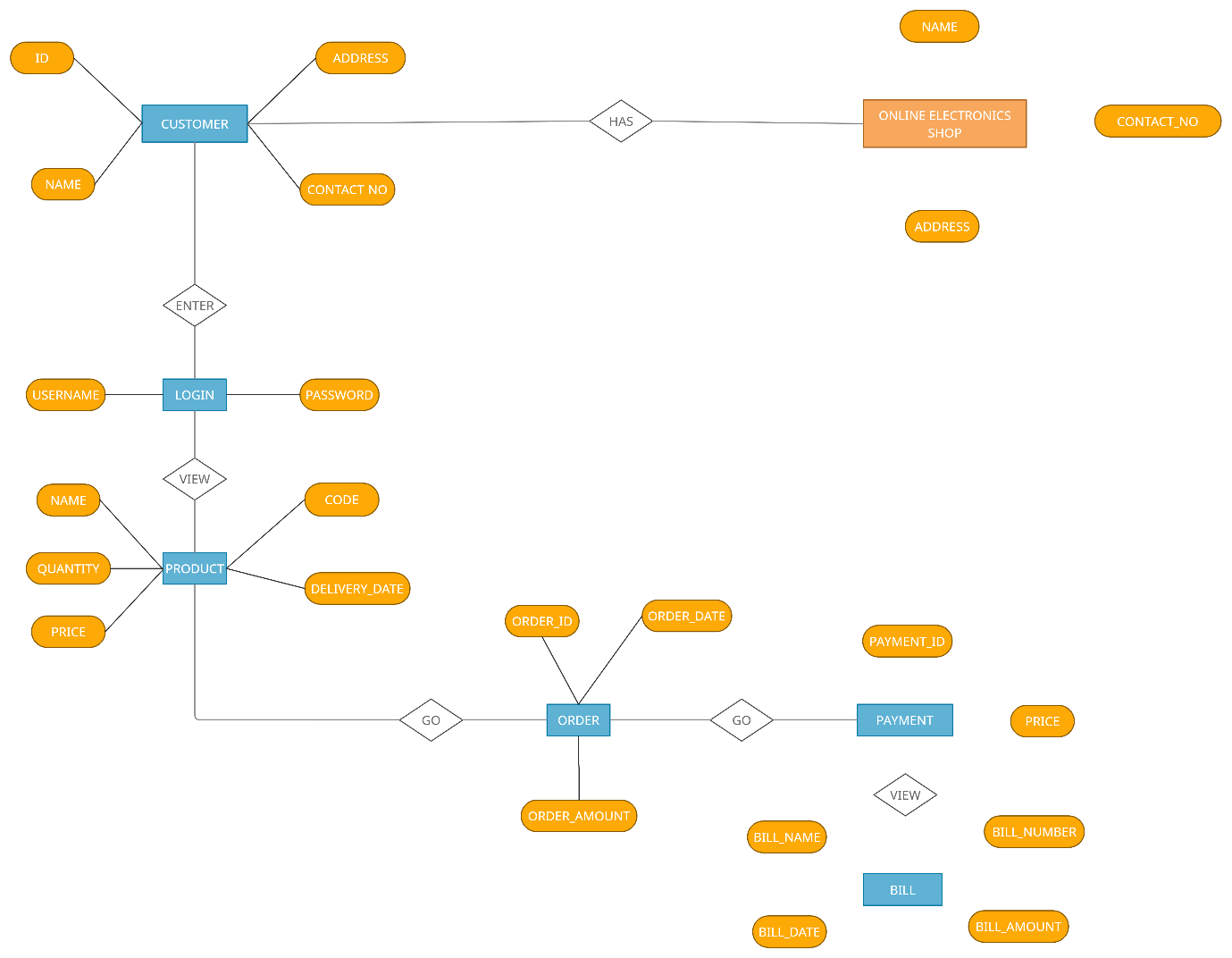
*Online electronic shop is a project developed to make the purchase of electronics easy. This helps in managing the particular product more efficiently so that it becomes easy to handle the stocks.*

**CONSIDER CASE ONLINE ELECTRONIC SHOP AND DESIGN ITS DOCUMENTATION BY USING ER DIAGRAM.**

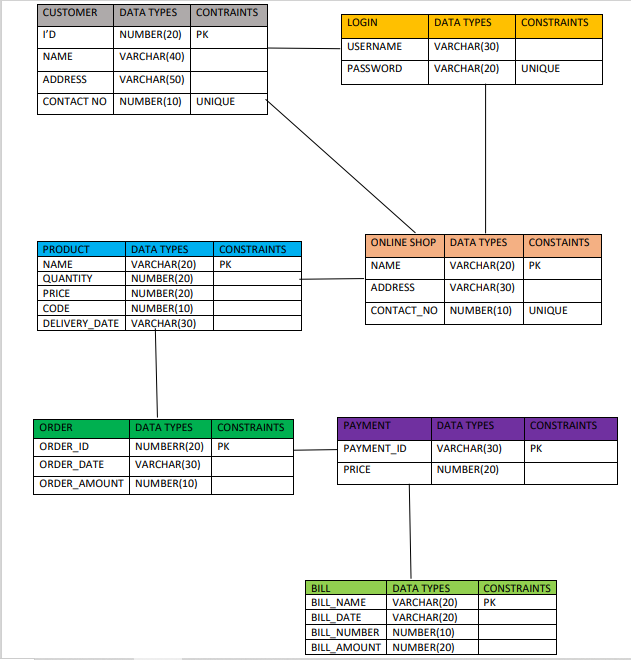
LIST ENTITIES:

* Customer (id,name, address, contact no)
* Login (username, password)
* Online Shop (name, address, contact no.)
* Product (name, quantity,price, code,product delivery date.)
* Order (order\_id, order\_date, order\_amount)
* Payment (payment id, price)
* Bill (bill\_name, bill\_date, bill\_no, bill\_amount)

**ER DIAGRAM**

****

**STRUCTURE OF SYSTEM**

****

**QUERIES**

CUSTOMER table

CODE:

CREATE TABLE CUSTOMER (

ID NUMBER(20),

NAME VARCHAR(30),

ADDRESS VARCHAR(50),

CONTACT\_NO NUMBER(10)

);

INSERT INTO CUSTOMER VALUES (001,'ADITYA','PANVEL',8928818681);

INSERT INTO CUSTOMER VALUES (002,'VIMAL','KHARGHAR',7739845600);

INSERT INTO CUSTOMER VALUES (003,'SHRADDHA','SEAWOODS',9702998118);

INSERT INTO CUSTOMER VALUES (004,'SHREYA','KAMOTHE',8925597541);

INSERT INTO CUSTOMER VALUES (005,'ABHILASH','AIROLI',9653985448);

INSERT INTO CUSTOMER VALUES (006,'EDWIN','ANDHERI',8925571695);

INSERT INTO CUSTOMER VALUES (007,'VIRAJ','AIROLI',7730219833);

INSERT INTO CUSTOMER VALUES (008,'PRASAD','KHARGHAR',9632895005);

INSERT INTO CUSTOMER VALUES (009,'SEBASTIAN','SEAWOODS',7796158900);

INSERT INTO CUSTOMER VALUES (010,'ANKUR','KAMOTHE',8652596605);

SELECT \* FROM CUSTOMER;

OUTPUT:



Change customer address as kalamboli where name is Aditya.

Code-

UPDATE CUSTOMER SET ADDRESS='KALAMBOLI' WHERE NAME='ADITYA';

SELECT \* FROM CUSTOMER;

Ouput:



Remove customer whose name is Edwin.

CODE:

DELETE FROM CUSTOMER WHERE NAME='EDWIN';

Select \* from CUSTOMER;

Output:

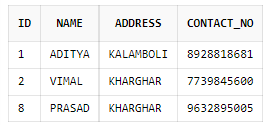


Display Customer who stay in kalamboli or kharghar

CODE:

SELECT \* FROM CUSTOMER WHERE ADDRESS='KALAMBOLI' OR ADDRESS='KHARGHAR';

Output:



LOGIN table

CODE:

CREATE TABLE LOGIN (

USERNAME VARCHAR(30)

PASSWORD VARCHAR(20)

);

INSERT INTO LOGIN VALUES ('ADITYA','adi021');

INSERT INTO LOGIN VALUES ('VIMAL','vimal655');

INSERT INTO LOGIN VALUES ('SHRADDHA','shrad@a');

INSERT INTO LOGIN VALUES ('SHREYA','shreya0946');

INSERT INTO LOGIN VALUES ('ABHILASH','abhi976');

INSERT INTO LOGIN VALUES ('EDWIN','edwin973');

INSERT INTO LOGIN VALUES ('VIRAJ','viraj@634');

INSERT INTO LOGIN VALUES ('PRASAD','prasad@653');

INSERT INTO LOGIN VALUES ('SEBASTIAN','sebastian948');

INSERT INTO LOGIN VALUES ('ANKUR','ankur613');

SELECT \* FROM LOGIN;

OUTPUT:



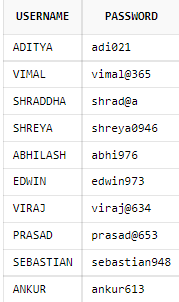
Change customer password as vimal@365 where name is VIMAL.

CODE:

UPDATE LOGIN SET PASSWORD='vimal@365' WHERE USERNAME='VIMAL';

SELECT \* FROM LOGIN;

OUTPUT:



Remove entire table.

CODE:

DROP TABLE LOGIN;

OUTPUT:



ONLINE SHOP Table

CODE:

CREATE TABLE ONLINE\_SHOP (

NAME VARCHAR(20),

ADDRESS VARCHAR(30),

CONTACT\_NO NUMBER(10)

);

--Drop Table Online Shop

INSERT INTO ONLINE\_SHOP VALUES ('VIJAY SALES','PANVEL',8928818681);

INSERT INTO ONLINE\_SHOP VALUES ('KINGS ELECTRONICS','KHARGHAR',7739845600);

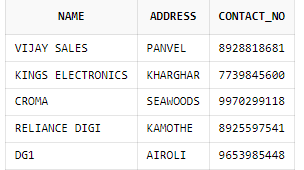
INSERT INTO ONLINE\_SHOP VALUES ('CROMA','SEAWOODS',9970299118);

INSERT INTO ONLINE\_SHOP VALUES ('RELIANCE DIGI','KAMOTHE',8925597541);

INSERT INTO ONLINE\_SHOP VALUES ('DG1','AIROLI',9653985448);

SELECT \* FROM ONLINE\_SHOP;

OUTPUT:

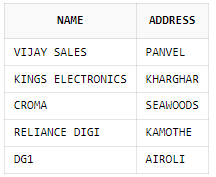


Display Name and Address from online shop table.

CODE:

SELECT NAME, ADDRESS FROM ONLINE\_SHOP;

OUTPUT:



Display online\_shop whose name begins with ‘K’ character

CODE:

SELECT \* FROM ONLINE\_SHOP WHERE NAME LIKE '%K%';

OUTPUT-



PRODUCT table

CODE:

CREATE TABLE PRODUCT (

NAME VARCHAR(20),

QUANTITY NUMBER(20),

PRICE NUMBER(20),

CODE NUMBER(10),

DELIVERY\_DATE VARCHAR(30)

);

INSERT INTO PRODUCT VALUES ('TV',01,10000,010,'2-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('SOUNDBARS',03,850,011,'2-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('FRIDGE',01,50000,012,'2-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('WASHING MACHINE',01,38000,013,'3-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('SMART WATCH',01,5600,014,'3-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('SOUNDBARS',05,15000,011,'3-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('HOME THEATRE',02,12500,016,'4-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('FRIDGE',01,49500,012,'4-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('SMART PHONE',08,7801,019,'4-AUGUST-2021');

INSERT INTO PRODUCT VALUES ('LAPTOP',09,95000,210,'5-AUGUST-2021');

SELECT \* FROM PRODUCT;

OUTPUT:



Display highest priice from product table.

CODE:

SELECT MAX (PRICE) FROM PRODUCT;

OUPUT:

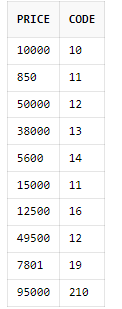


Display price code from product table.

CODE:

SELECT PRICE, CODE FROM PRODUCT;

OUTPUT-



ORDER table

CODE:

CREATE TABLE ORDERS(

ORDERS\_ID NUMBER(20),

ORDERS\_DATE VARCHAR(30),

ORDER\_AMOUNT NUMBER(10)

);

INSERT INTO ORDERS VALUES (001,'2-AUGUST-2021',10000);

INSERT INTO ORDERS VALUES (002,'2-AUGUST-2021',850);

INSERT INTO ORDERS VALUES (003,'2-AUGUST-2021',50000);

INSERT INTO ORDERS VALUES (004,'3-AUGUST-2021',38000);

INSERT INTO ORDERS VALUES (005,'3-AUGUST-2021',5600);

INSERT INTO ORDERS VALUES (006,'3-AUGUST-2021',15000);

INSERT INTO ORDERS VALUES (007,'4-AUGUST-2021',12500);

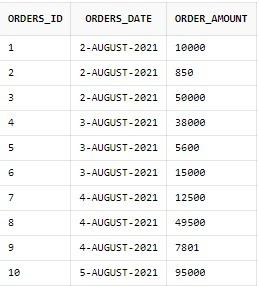
INSERT INTO ORDERS VALUES (008,'4-AUGUST-2021',49500);

INSERT INTO ORDERS VALUES (009,'4-AUGUST-2021',7801);

INSERT INTO ORDERS VALUES (010,'5-AUGUST-2021',95000);

SELECT \* FROM ORDERS;

OUTPUT:



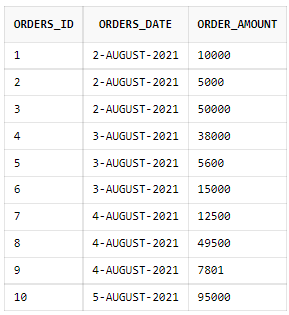
Change order amount as 5000 whose order id is 002.

CODE:

UPDATE ORDERS SET ORDER\_AMOUNT=5000 WHERE ORDERS\_ID=002;

SELECT \* FROM ORDERS;

OUTPUT:

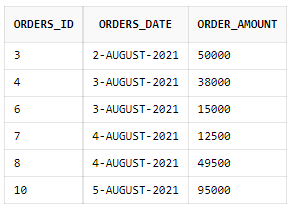


Display orders whose order amount is more than 10000.

CODE:

SELECT \* FROM ORDERS WHERE ORDER\_AMOUNT>10000;

OUTPUT-



PAYMENT table

CODE:

CREATE TABLE PAYMENT (

PAYMENT\_ID NUMBER(30),

PRICE NUMBER(20)

);

INSERT INTO PAYMENT VALUES (239846,10000);

INSERT INTO PAYMENT VALUES (236542,850);

INSERT INTO PAYMENT VALUES (236598,50000);

INSERT INTO PAYMENT VALUES (236598,38000);

INSERT INTO PAYMENT VALUES (239865,5600);

INSERT INTO PAYMENT VALUES (236598,15000);

INSERT INTO PAYMENT VALUES (236542,12500);

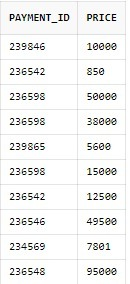
INSERT INTO PAYMENT VALUES (236546,49500);

INSERT INTO PAYMENT VALUES (234569,7801);

INSERT INTO PAYMENT VALUES (236548,95000);

SELECT \* FROM PAYMENT;

OUTPUT:

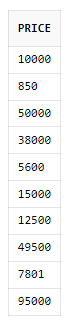


Display Price from payment table;

CODE:

SELECT PRICE FROM PAYMENT;

OUTPUT-

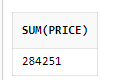


Display total price from payment table

CODE:

SELECT SUM(PRICE) FROM PAYMENT;

OUTPUT:



Add new column name as REFERAL\_CODE and change all REFERAL\_CODE as ‘XAZ12’.

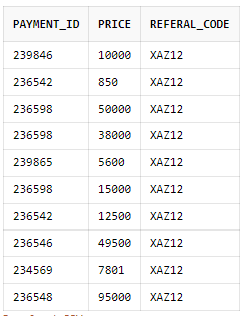
CODE:

ALTER TABLE PAYMENT ADD (REFERAL\_CODE VARCHAR(20));

UPDATE PAYMENT SET REFERAL\_CODE='XAZ12';

SELECT \* FROM PAYMENT;

OUTPUT:



BILL table

CODE:

CREATE TABLE BILLS(

BILL\_NAME VARCHAR(20),

BILL\_DATE VARCHAR(20),

BILL\_NUMBER NUMBER(10),

BILL\_AMOUNT NUMBER(20)

);

INSERT INTO BILLS VALUES ('ADITYA','2-AUGUST-2021',01425,10000);

INSERT INTO BILLS VALUES ('VIMAL','2-AUGUST-2021',65904,850);

INSERT INTO BILLS VALUES ('SHRADDHA','2-AUGUST-2021',26620,50000);

INSERT INTO BILLS VALUES ('SHREYA','3-AUGUST-2021',6520,38000);

INSERT INTO BILLS VALUES ('ABHILASH','3-AUGUST-2021',6980,5600);

INSERT INTO BILLS VALUES ('EDWIN','3-AUGUST-2021',0260,15000);

INSERT INTO BILLS VALUES ('VIRAJ','4-AUGUST-2021',0980,12500);

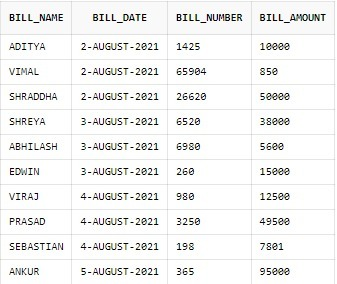
INSERT INTO BILLS VALUES ('PRASAD','4-AUGUST-2021',3250,49500);

INSERT INTO BILLS VALUES ('SEBASTIAN','4-AUGUST-2021',0198,7801);

INSERT INTO BILLS VALUES ('ANKUR','5-AUGUST-2021',0365,95000);

SELECT \* FROM BILLS;

OUTPUT:



Display your bill by combining bill name and bill no.

CODE:

SELECT CONCAT(BILL\_NAME, BILL\_NUMBER) FROM BILLS;

OUTPUT:

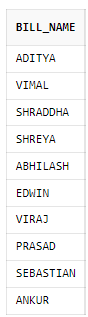


Select bill name from bills table.

CODE:

SELECT BILL\_NAME FROM BILLS;

OUTPUT-



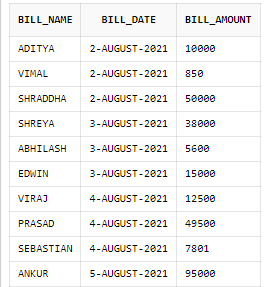
Remove column BILL\_NUMBER from BILLS table.

CODE:

ALTER TABLE BILLS DROP COLUMN BILL\_NUMBER;

SELECT \* FROM BILLS;

OUTPUT:



THANK YOU

