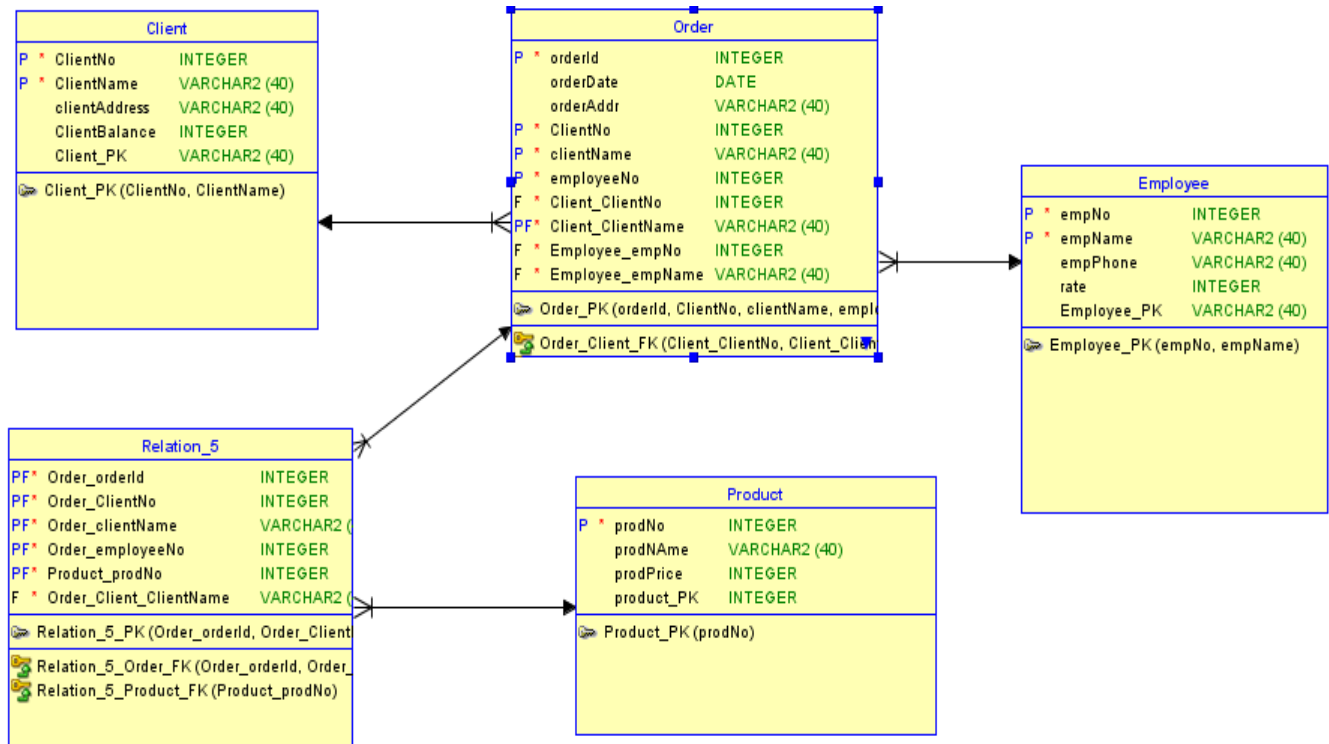


Name: Md Tahsin

ID: 2020-2-60-112

Logical model:



DDL FILE :

-- Generated by Oracle SQL Developer Data Modeler 17.4.0.355.2131

-- at: 2022-08-02 12:15:03 BDT

-- site: Oracle Database 11g

-- type: Oracle Database 11g

CREATE TABLE client (

```
clientno    INTEGER NOT NULL,  
clientname  VARCHAR2(40) NOT NULL,  
clientaddress VARCHAR2(40),  
clientbalance INTEGER,  
client_pk   VARCHAR2(40)  
);
```

```
ALTER TABLE client ADD CONSTRAINT client_pk PRIMARY KEY ( clientno,  
clientname );
```

```
CREATE TABLE employee (  
    empno    INTEGER NOT NULL,  
    empname  VARCHAR2(40) NOT NULL,  
    empphone VARCHAR2(40),  
    rate     INTEGER,  
    employee_pk VARCHAR2(40)  
);
```

```
ALTER TABLE employee ADD CONSTRAINT employee_pk PRIMARY KEY ( empno,  
empname );
```

```
CREATE TABLE "Order" (  
    orderid    INTEGER NOT NULL,  
    orderdate  DATE,  
    orderaddr  VARCHAR2(40),  
    clientno   INTEGER NOT NULL,  
    clientname VARCHAR2(40) NOT NULL,  
    employeeno INTEGER NOT NULL,  
    client_clientno INTEGER NOT NULL,
```

```
client_clientname VARCHAR2(40) NOT NULL,  
employee_empno    INTEGER NOT NULL,  
employee_empname  VARCHAR2(40) NOT NULL  
);
```

```
ALTER TABLE "Order"  
  
ADD CONSTRAINT order_pk PRIMARY KEY (orderid,  
  
clientno,  
  
clientname,  
  
employeeno,  
  
client_clientname );
```

```
CREATE TABLE product (  
  
prodno    INTEGER NOT NULL,  
  
prodname  VARCHAR2(40),  
  
prodprice INTEGER,  
  
product_pk INTEGER  
);
```

```
ALTER TABLE product ADD CONSTRAINT product_pk PRIMARY KEY (prodno );
```

```
CREATE TABLE relation_5 (  
  
order_orderid      INTEGER NOT NULL,  
  
order_clientno     INTEGER NOT NULL,  
  
order_clientname    VARCHAR2(40) NOT NULL,  
  
order_employeeno    INTEGER NOT NULL,  
  
product_prodno      INTEGER NOT NULL,  
  
order_client_clientname VARCHAR2(40) NOT NULL  
);
```

```
ALTER TABLE relation_5
```

```
ADD CONSTRAINT relation_5_pk PRIMARY KEY ( order_orderid,  
order_clientno,  
order_clientname,  
order_employeenno,  
product_prodno );
```

```
ALTER TABLE "Order"
```

```
ADD CONSTRAINT order_client_fk FOREIGN KEY ( client_clientno,  
client_clientname )  
REFERENCES client ( clientno,  
clientname );
```

```
ALTER TABLE "Order"
```

```
ADD CONSTRAINT order_employee_fk FOREIGN KEY ( employee_empno,  
employee_empname )  
REFERENCES employee ( empno,  
empname );
```

```
ALTER TABLE relation_5
```

```
ADD CONSTRAINT relation_5_order_fk FOREIGN KEY ( order_orderid,  
order_clientno,  
order_clientname,  
order_employeenno,  
order_client_clientname )  
REFERENCES "Order" ( orderid,  
clientno,  
clientname,
```

```
employeeeno,  
client_clientname );
```

```
ALTER TABLE relation_5  
ADD CONSTRAINT relation_5_product_fk FOREIGN KEY ( product_prodno )  
REFERENCES product ( prodno );
```

-- Oracle SQL Developer Data Modeler Summary Report:

--

-- CREATE TABLE	5
-- CREATE INDEX	0
-- ALTER TABLE	9
-- CREATE VIEW	0
-- ALTER VIEW	0
-- CREATE PACKAGE	0
-- CREATE PACKAGE BODY	0
-- CREATE PROCEDURE	0
-- CREATE FUNCTION	0
-- CREATE TRIGGER	0
-- ALTER TRIGGER	0
-- CREATE COLLECTION TYPE	0
-- CREATE STRUCTURED TYPE	0
-- CREATE STRUCTURED TYPE BODY	0
-- CREATE CLUSTER	0
-- CREATE CONTEXT	0
-- CREATE DATABASE	0

-- CREATE DIMENSION	0	
-- CREATE DIRECTORY	0	
-- CREATE DISK GROUP	0	
-- CREATE ROLE	0	
-- CREATE ROLLBACK SEGMENT		0
-- CREATE SEQUENCE	0	
-- CREATE MATERIALIZED VIEW		0
-- CREATE SYNONYM	0	
-- CREATE TABLESPACE	0	
-- CREATE USER	0	
--		
-- DROP TABLESPACE	0	
-- DROP DATABASE	0	
--		
-- REDACTION POLICY	0	
--		
-- ORDS DROP SCHEMA	0	
-- ORDS ENABLE SCHEMA	0	
-- ORDS ENABLE OBJECT	0	
--		
-- ERRORS	0	
-- WARNINGS	0	