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**(2) – Furniture Store Management System**

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Software Engineering Project Script

Created Tables

CREATE TABLE Client

(

Username varchar2(25) NOT NULL,

passwordd varchar2(25) NOT NULL,

Address varchar2(50) NOT NULL,

EMAIL varchar2(35) NOT NULL,

Gender char(1) NOT NULL,

PRIMARY KEY (Username)

);

CREATE TABLE Product

(

Product\_Id number(8) NOT NULL,

Product\_name varchar2(25) NOT NULL,

price number(6) NOT NULL,

Customized char(1) NOT NULL,

Quantity number(3) NOT NULL,

Product\_Category varchar2(30) NOT NULL,

PRIMARY KEY (Product\_Id)

);

CREATE TABLE Orders

(

Order\_id number(8) NOT NULL,

Order\_price number(6) NOT NULL,

Order\_date date NOT NULL,

PRIMARY KEY (Order\_id)

);

CREATE TABLE contains

(

Order\_id number(8) NOT NULL,

Product\_Id number(8) NOT NULL,

PRIMARY KEY (Order\_id, Product\_Id),

FOREIGN KEY (Order\_id) REFERENCES Orders(Order\_id),

FOREIGN KEY (Product\_Id) REFERENCES Product(Product\_Id)

);

CREATE TABLE Order\_products

(

products varchar2(25) NOT NULL,

Order\_id number(8) NOT NULL,

PRIMARY KEY (products, Order\_id),

FOREIGN KEY (Order\_id) REFERENCES Orders(Order\_id)

);

CREATE TABLE Make

(

Username varchar2(25) NOT NULL,

Order\_id number(8) NOT NULL,

PRIMARY KEY (Username, Order\_id),

FOREIGN KEY (Username) REFERENCES Client(Username),

FOREIGN KEY (Order\_id) REFERENCES Orders(Order\_id)

);

CREATE TABLE NeededProducts

( Product\_Id number(8) NOT NULL,

Product\_name varchar2(25) NOT NULL,

Needed\_quantity number(3) NOT NULL,

FOREIGN KEY (Product\_Id) REFERENCES Product(Product\_Id) );

Inserted Tables

Insert into contains

Values (1,1);

Insert into contains

Values (2,2);

Insert into contains

Values (3,3);

Insert into contains

Values (4,4);

Insert into contains

Values (5,5);

Insert into contains

Values (6,6);

insert into order\_products(products, order\_id)

values ('sofa', 1);

insert into order\_products(products, order\_id)

values ('chair', 2);

insert into order\_products(products, order\_id)

values ('bed', 3);

insert into order\_products(products, order\_id)

values ('wardrobe', 4);

insert into order\_products(products, order\_id)

values ('table', 5);

insert into order\_products(products, order\_id)

values ('desk', 6);

INSERT INTO Orders

VALUES (1, 1244,2022-APR-24);

INSERT INTO Orders

VALUES (2, 12344,2022-APR-27);

INSERT INTO Orders

VALUES (3, 15564,2022-MAR-07);

INSERT INTO Orders

VALUES (4, 500,2022-APR-01);

INSERT INTO Orders

VALUES (5, 1432,2022-FEB-01);

INSERT INTO Orders

VALUES (6, 1552,2022-JAN-01);

INSERT INTO Client (Username,passwordd,Address,EMAIL,Gender)

VALUES ('admin',’ admin’ ,'admin,’admin,'f')

INSERT INTO Client (Username,passwordd,Address,EMAIL,Gender)

VALUES ('Ahmed',’Ahmed2022’ , ‘Medan Lebnan Mohandeseen, ‘AhmedMohamed@hotmail.com’,'m')

INSERT INTO Client (Username,passwordd,Address,EMAIL,Gender)

VALUES ('sama',’ sama2020’ ,' 298 Banafseg First Settlement,’ ‘samaramy@outlook.com’,'f')

INSERT INTO Client (Username,passwordd,Address,EMAIL,Gender)

VALUES ('Saber',’ ‘saber123’ ,' 200 Ahmed Oraby Mohandeseen’,’ SaberAhmed@gmail.com’,'m')

INSERT INTO Client (Username,passwordd,Address,EMAIL,Gender)

VALUES ('Yara',’ yarasaleh’ ,' 10 Abu el feda Zamalek’,’ yarayoyo@yahoo.com’,'f')

insert into make(username, order\_id) values ('sama', 1);

insert into make(username, order\_id) values ('Saber', 2);

insert into make(username, order\_id) values ('Yara', 3);

insert into make(username, order\_id) values ('Ahmed', 4);

insert into make(username, order\_id) values ('sasa', 5);

insert into make(username, order\_id) values ('wawa', 6);

insert into PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,PRICE,CUSTOMIZED,QUANTITY,PRODUCT\_CATEGORY) values(1,’chair’,3456,’n’,50,’dining room’);

insert into PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,PRICE,CUSTOMIZED,QUANTITY, PRODUCT\_CATEGORY) values(2,’sofa’,1200,’y’,150,’living room’);

insert into PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,PRICE,CUSTOMIZED,QUANTITY, PRODUCT\_CATEGORY) values(3,’bed’,2700,’n’,250,’bedroom’);

insert into PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,PRICE,CUSTOMIZED,QUANTITY, PRODUCT\_CATEGORY) values(4,’wardrobe’,2500,’y’,200,’bedroom’);

insert into PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,PRICE,CUSTOMIZED,QUANTITY, PRODUCT\_CATEGORY) values(5,’table’,1500,’n’,25,’living room’);

insert into PRODUCT(PRODUCT\_ID,PRODUCT\_NAME,PRICE,CUSTOMIZED,QUANTITY, PRODUCT\_CATEGORY) values(6,’desk’,1000,’y’,10,’bedroom’);

Stored Procedures

create or replace procedure GetProductPrice

(input\_name in varchar2 , output\_price out number)

as begin SELECT price INTO output\_price from product where product\_name = input\_name; end;

create or replace procedure FillProductsComboBox (Categ in varchar2 , Products out sys\_refcursor) as begin open Products for select product\_name from product where product\_category = categ; end;