

**Mainstream Software Engineering Project**

# **Supermarket Management System**

# TA: Lobna Mady

# Team 92

### Team Members:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Student Name | Official E-mail | Level | Department |
| 20201700758 | محمد وائل عبده خليل | 20201700758@cis.asu.edu.eg | Level 3 | Scientific Computing |
| 20201700742 | محمد مصطفي محمد عبد المنعم | 20201700742@cis.asu.edu.eg | Level 3 | Scientific Computing |
| 20201700747 | محمد ناصركمال صديق | 20201700747@cis.asu.edu.eg | Level 3 | Scientific Computing |
| 20201700957 | هبه الله احمد عبد البصيرعبد الحميد رسلان | 20201700956@cis.asu.edu.eg | Level 3 | Scientific Computing |
| 20201700349 | سلمي سامر عطيه احمد | 20201700349@cis.asu.edu.eg | Level 3 | Scientific Computing |
| 20201700806 | مريم اشرف عبد الجليل السيد | 20201700806@cis.asu.edu.eg | Level 3 | Scientific Computing |
| 20201700204 | جنه ايمن طلعت مصطفي | 20201700204@cis.asu.edu.eg | Level 3 | Scientific Computing |

**Scrip:**

-------------------------------Ctrl A & RUN --------------------------------------------------

-------------------------- create customer ---------------------------------------------------

CREATE TABLE customer

(

customer\_id int NOT NULL,

customer\_name varchar(255),

phone int,

address varchar(255),

PRIMARY KEY (customer\_id)

);

-------------------------- create orders ------------------------------------------------------

CREATE TABLE orders

(

customer\_id int NOT NULL,

order\_id int NOT NULL ,

PRIMARY KEY ( order\_id),

FOREIGN KEY (customer\_id) REFERENCES customer(customer\_id)

);

-------------------------- create product -----------------------------------------------------

CREATE TABLE product

(

ID\_product int NOT NULL,

product\_name varchar(255),

price int,

PRIMARY KEY ( ID\_product )

);

-------------------------- create payment -----------------------------------------------------

CREATE TABLE payment

(

payment\_type varchar(255),

card\_number int,

order\_id int ,

FOREIGN KEY (order\_id) REFERENCES orders(order\_id)

);

------------------------------- create order\_product ------------------------------------------

CREATE TABLE order\_product

(

ID\_product int ,

order\_id int ,

FOREIGN KEY (order\_id) REFERENCES orders(order\_id),

FOREIGN KEY (ID\_product) REFERENCES product (ID\_product)

);

-------------------------------- insert data ---------------------------------------------------

INSERT INTO Customer (customer\_id, customer\_name, phone, address)

VALUES (1, 'mohamed', 12395, 'cairo');

INSERT INTO Customer (customer\_id, customer\_name, phone, address)

VALUES (2, 'ali', 26874, 'alex');

INSERT INTO Customer (customer\_id, customer\_name, phone, address)

VALUES (3, 'mona', 34976, 'aswan');

INSERT INTO Orders (customer\_id, order\_id)

VALUES (1, 1011);

INSERT INTO Orders (customer\_id, order\_id)

VALUES (3, 1012);

INSERT INTO Orders (customer\_id, order\_id)

VALUES (2, 1013);

INSERT INTO Payment ( payment\_type, card\_number,order\_id)

VALUES ( 'cash', 959321,1011);

INSERT INTO Payment ( payment\_type, card\_number,order\_id)

VALUES ('visa', 959321,1012);

INSERT INTO Payment ( payment\_type, card\_number,order\_id)

VALUES ( 'visa', 959321,1013);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5001, 'noodles', 25);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5002, 'rice', 50);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5003, 'soap', 10);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1011, 5001);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1011, 5002);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1012, 5002);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1013, 5003);

INSERT INTO Customer (customer\_id, customer\_name, phone, address)

VALUES (4, 'nasser', 15786,'cairo');

INSERT INTO Customer (customer\_id, customer\_name, phone, address)

VALUES (5, 'nour', 38745, 'cairo');

INSERT INTO Orders (customer\_id, order\_id)

VALUES (4, 1014);

INSERT INTO Orders (customer\_id, order\_id)

VALUES (5, 1015);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5004, 'fish', 70);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5005, 'molto', 10);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5006, 'cookies', 5);

INSERT INTO Product (ID\_product, product\_name, price)

VALUES (5007, 'pepsi',10);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1014, 5007);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1014, 5006);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1015, 5001);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1015, 5005);

INSERT INTO order\_product (order\_id, ID\_product)

VALUES (1015, 5007);

create or replace

PROCEDURE getPrice

(cid in NUMBER,pr out number)

as

BEGIN

SELECT sum(product.price)

into pr

FROM order\_product, product, orders

WHERE order\_product.order\_id = orders.order\_id

AND order\_product.id\_product = product.id\_product

AND orders.customer\_id = cid;

end;

create or replace PROCEDURE GetCopyID(id\_c IN NUMBER, O\_details OUT SYS\_REFCURSOR)

AS

BEGIN

OPEN O\_details FOR

SELECT product.product\_name,product.price

FROM order\_product, product, orders

WHERE order\_product.order\_id = orders.order\_id

AND order\_product.id\_product = product.id\_product

AND orders.customer\_id = id\_c;

END;

Create sequence NEXT\_ORDER\_ID

START WITH 1055

INCREAMENT BY 1