E-commerce

Entities and Attributes:

* Customer: customer\_id,name,email,phone,address
* Product:product\_id,name,description,stock
* Order:order\_id,customer\_id,orderDate,status
* OrderDetails:order\_id,product\_id,orderDate,status
* Payment:payment\_id,order\_id,amount,paymentDate,paymentmethod

Relationships:

1. A customer can place many orders --1:M(one to many) customer(1):order(M)
2. Order can have many products through order details--1:M order(1):orderdetails(M):product(M)
3. Order can have many payments-----1:M

order(1):payments(M)

ER-Diagam:

1:M 1:M

1

orderDetails

order

customer

payment

product

M:1

1:M

4.DEFINE PRIMARY KEY AND FOREIGN KEY?

Primary key: a column that uniquely identify each row in a table.

Properties:

1. Unique
2. Not null
3. One per table

Foreign key:a colum in one table that refers to the primery key in another table

It creates relation ship between two tables and enforces referential integrity.