

## Assignment-2

To design an ER diagram for the described online shopping portal, we need to present the entities their attributes, and the relationships b/w them. Here's how the entities and their attributes, along with the relationships can be organized.

### Entities & Attributes:

1. Customer

- \* Customer ID

- \* name

- \* Email

- \* password

2. Product

- \* product ID

- \* product name

- \* Description

- \* price

- \* Stock



### 3, Category:

- \* Category ID
- \* Category name

### 4, order

- \* order ID
- \* order Date
- \* Status
- \* Customer ID

### 5, order detail

- \* order detail ID
- \* order ID
- \* quantity
- \* price

### 6, payment

- \* payment ID
- \* order ID
- \* payment Date
- \* Amount
- \* payment method.



## Relation Ships:

1, Customer - order:

- \* one customer can place multiple orders
- \* Relationship : 1 to many

2, order - order Detail :

- \* one order consists of multiple order details
- \* Relation : 1 to many

3, product - order Detail:

- \* many to many

4, product - Category:

- \* many to many

5, order - payment:

- \* 1 to 1



