

E-commerce Platform with Orders, Customers, and Products

Class: Customer

- Attributes:

- Name : string
- CustomerID : string
- Orders : List<Order>

- Methods:

- PlaceOrder(order : Order)
- ViewOrders()

Class: Product

- Attributes:

- Name : string
- ProductID : string
- Price : double

Class: Order

- Attributes:

- OrderID : string
 - Products : List<Product>
 - Customer : Customer
- ### - Methods:
- AddProduct(product : Product)
 - RemoveProduct(product : Product)
 - CalculateTotal()

Relationships:

- Aggregation: Order aggregates Products
- Association: Customer ↔ Order