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# ONLINE RETAIL STORE

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## SCHEMA Addition Part:

The following are the entities used in our entity relation and relational models

	ENTITY NAME	PRIMARY KEY	FOREIGN KEY
1	Admin	Admin_ID	–
2	Customer	Customer_ID	–
3	Supplier	Supplier_ID	–
4	Product	Prod_ID	Supplier_ID U Category_ID
5	Category	Categ_ID	–
6	Delivery_Partner	Partner_ID	–
7	Order	Order_ID	Customer_ID U Supplier_ID U Payment_ID U Partner_ID
8	Offer	Deal_ID	–
9	Product Feedback	Prod_ID U Customer_ID	Prod_ID U Customer_ID
10	Cart	Cart_ID	Deal_ID
11	Payment_portal	Payment_ID	Cart_ID
12	Partner_Feedback	Partner_ID U Customer_ID	Partner_ID U Customer_ID
13	Account_Data	Customer_ID	Customer_ID
14	Membership	Customer_ID	Customer_ID

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## SQL SYNTAX USED:

We first created a database on MySQL using the command:

```
CREATE DATABASE [database_name].
```

Then we inserted tables into the database using the syntax:

```
CREATE TABLE [database_name].[table_name] (  
    [col_name] [datatype]  
    ...  
);
```

### **Primary and Foreign Keys:**

#### **Primary Keys:**

We defined the primary keys using:      column\_name **PRIMARY KEY**

Primary keys use **AUTO\_INCREMENT** and are **NOT NULL**

#### **Foreign Keys:**

Defined using **FOREIGN KEY** (column\_name) **REFERENCES** table2(column\_name)

Column used is the primary key of another table

### **Data Addition Part:**

we have used an online bulk data generator. <https://generatedata.com/>

```
INSERT INTO  
database_name.table_name(column1_name,column2_name,column3_name)  
VALUES  
(column1_val, column2_val, column3_val);
```

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