# Assignment-3 Description

We took our project on creating a database for an online retail store which included the following tables (only important ones are listed here):->

1. Products: This table stores information about the products available for sale, such as product name, description, price, stock levels, etc.
2. Categories: This table defines the different types of products, such as clothing, electronics, and books.
3. Customers: This table stores information about the customers registered with our online retail store, such as name, address, email, and password.
4. Orders: This table stores information about the orders placed by customers, such as the order date, the items ordered, and the total cost.
5. Order Details: This table stores the details of each item in an order, such as the product name, price, and quantity.
6. Delivery Man: This table stores information about the delivery details such as the cost, delivery date, details about the delivery man, warehouse details and expected delivery time.
7. Payments: This table stores information about the payment methods available to customers, such as credit cards, PayPal, and bank transfers.

These tables are related to each other through relationships, such as a many-to-many relationship between the Products table and the Order Details table and a many-to-one relationship between the Orders table and the Customers table.

Our main objective was to create an efficient & effective database schema that would provide a foundation for an online retail store's database and ensure that the data is organized logically and efficiently, making it easier to manage, query, and update.

Data insertion into the tables was done both manually & by using a data generator.