A local retails store, "ShopEase" wants to expand its business by creating an e-commerce platform. The store requires a system that enables customers to browse products, place orders, and make payments. The system should also allow the stores staff to manage inventory, track orders, and generate sales report.

Your task is to create the required documentation for the system enumerated below. Assume your role as part of the development team and complete the following task.

1. **Identify and enumerate the functional requirements of the system.**

- The store requires a system that enables customers to browse products, place orders, and make payments. The system should also allow the stores staff to manage inventory, track orders, and generate sales report.
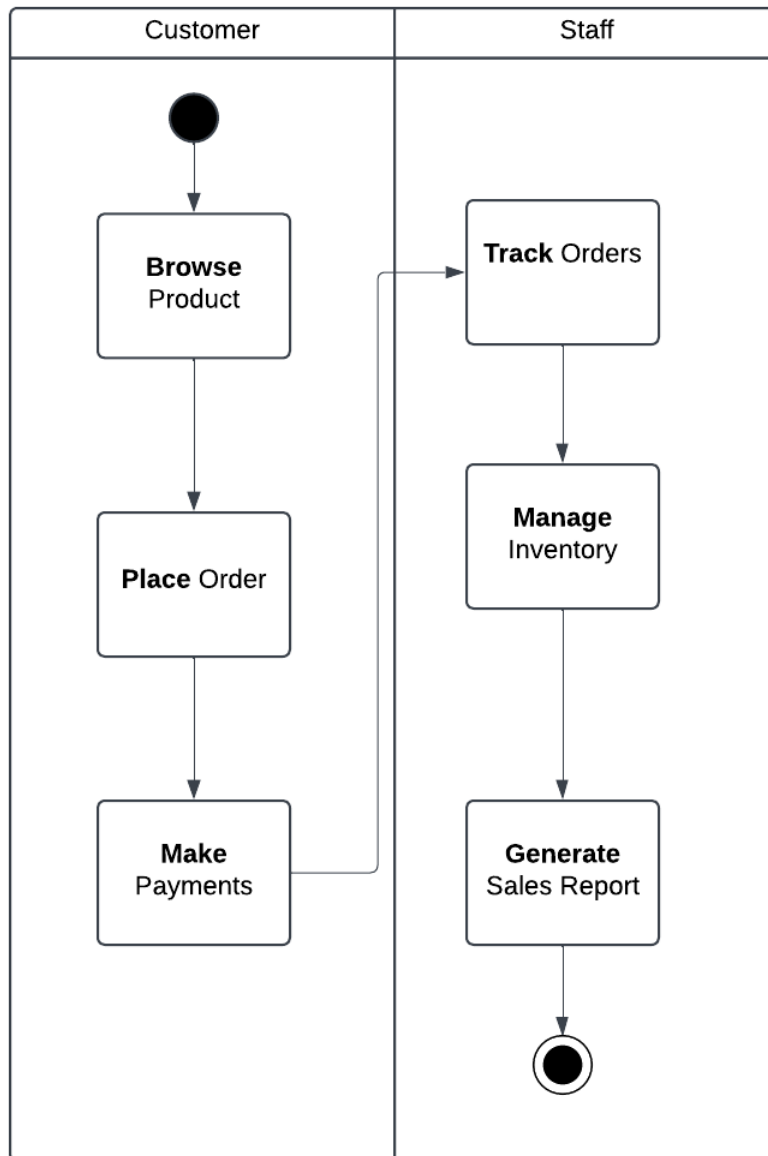
2. **Identify the enumerate use cases.**

- Browse Products
- Place orders
- Make Payments
- Manage Invetory
- Track Orders

3. Based on item 2, create the use case diagram

E-commerece for a local retail store

Browse Product

Make Payments

<<Extend>>

<<include>>

Place Order

Manage Inventory

Track Orders

Generate Sales report

Customer

Staff

4. Create an activity diagram to illustrate the process elaborated in the scenario

E-Commerce for a local
retail store system

Customer	Staff

```
        ●
        │
        ▼
   ┌──────────┐          ┌──────────┐
   │  Browse  │  ┌──────▶│ Track Orders │
   │ Product  │  │       └──────────┘
   └──────────┘  │            │
        │        │            ▼
        ▼        │       ┌──────────┐
   ┌──────────┐  │       │  Manage  │
   │Place Order│ │       │ Inventory│
   └──────────┘  │       └──────────┘
        │        │            │
        ▼        │            ▼
   ┌──────────┐  │       ┌──────────┐
   │   Make   │──┘       │ Generate │
   │ Payments │          │Sales Report│
   └──────────┘          └──────────┘
                              │
                              ▼
                              ◉
```

5. Create a context flow diagram for the proposed application

Customer

- Browse Products
- Place Order
- Make Payments

E-Commerce for a local retail store system

- Manage Invetory
- Track Orders
- Generate Sales report

Staff