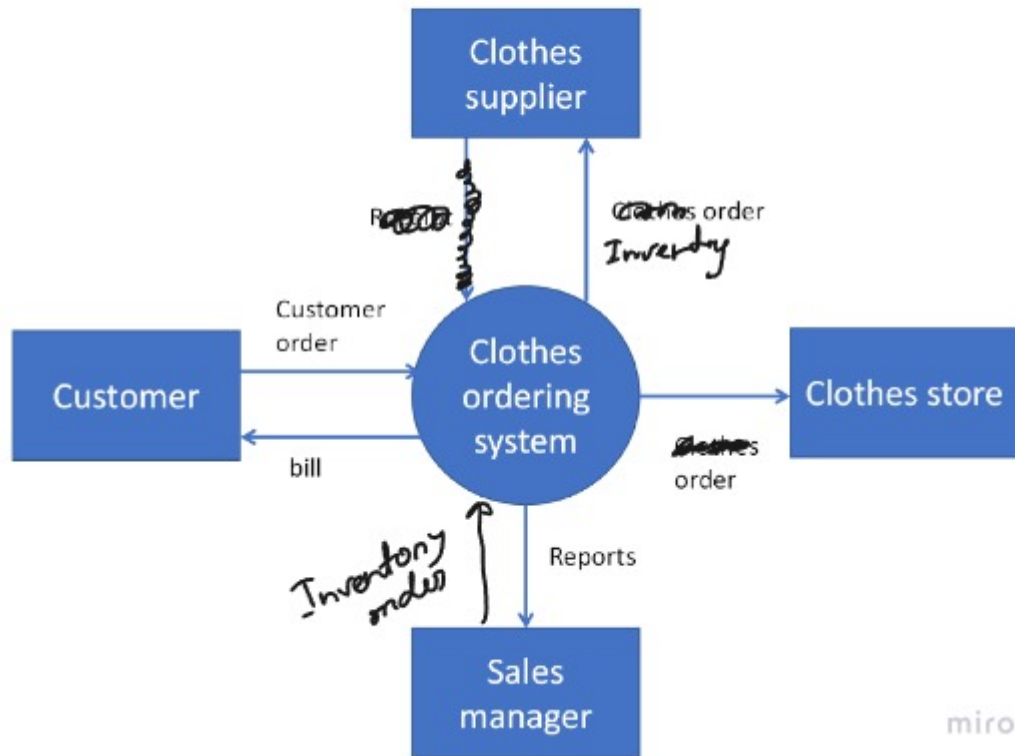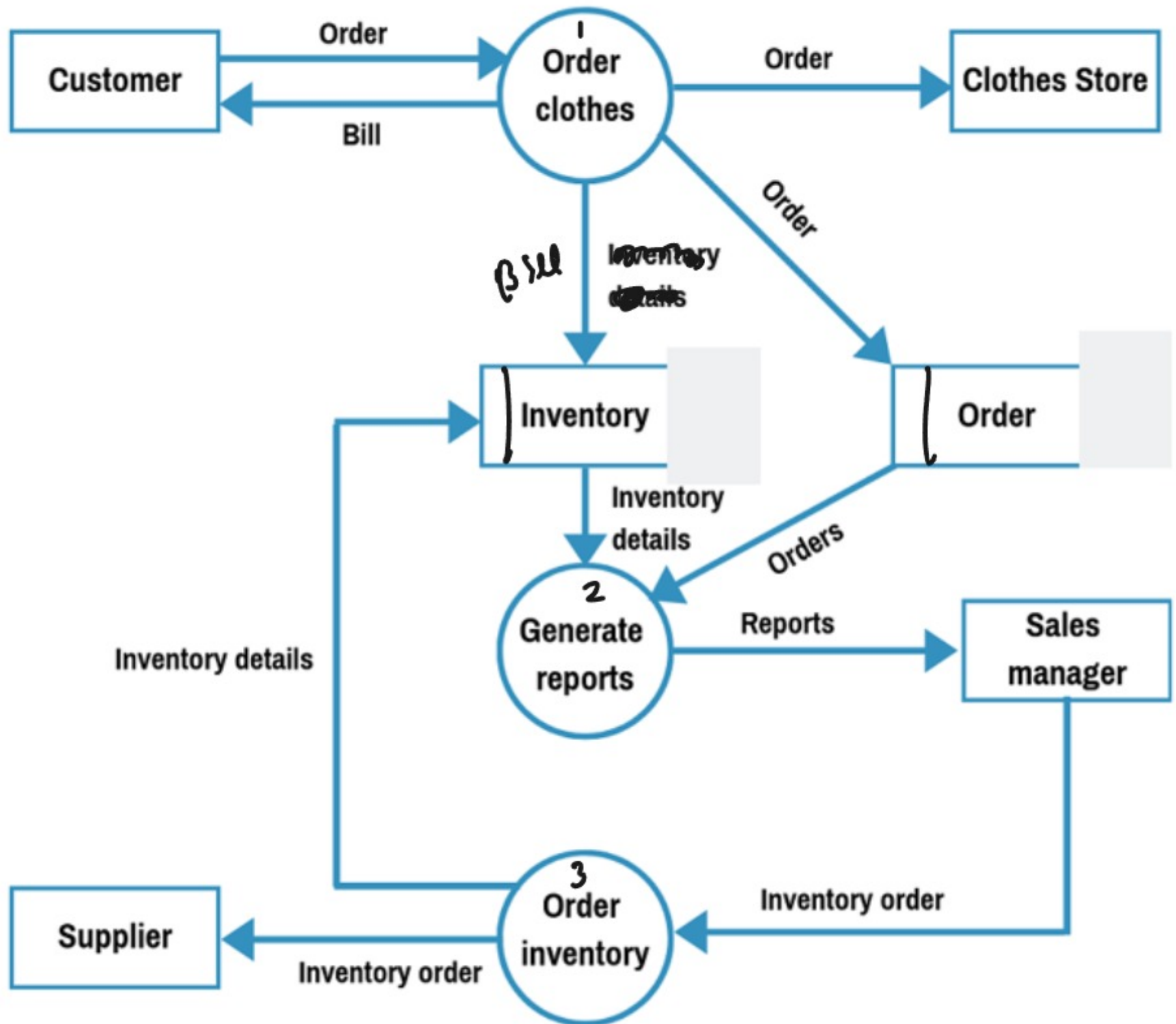# Level-0 Diagram

Clothes ordering system is decomposed into order cloths, generate reports and order inventory processes. Order clothes process, take customer order and send it to clothes store and order datastore. This process also sends a bill to the customer and updates the inventory datastore. Generate reports receive orders from order datastore and inventory details from inventory datastore and send the report to the sales manager. Sales managers place inventory orders into the inventory process and forward the inventory order to the supplier and update the inventory.

Level-1 Diagram

| Customer | —Order→ | **1** Order clothes | —Order→ | Clothes Store |

- Customer —Order→ Order clothes
- Order clothes —Bill→ Customer
- Order clothes —Order→ Clothes Store
- Order clothes —Bill→ Inventory
- Order clothes —Inventory details→ Inventory
- Order clothes —Order→ Order (data store)
- Inventory —Inventory details→ **2** Generate reports
- Order —Orders→ Generate reports
- Generate reports —Reports→ Sales manager
- Sales manager —Inventory order→ **3** Order inventory
- Order inventory —Inventory order→ Supplier
- Order inventory —Inventory details→ Inventory

Level-2 Diagram

Now you need to decompose the Order clothes process only. Forward order takes orders from the customer and sends that information to generate bills and update inventory process. Generate bill process generates bill based on the order and Inventory is updated by update inventory process. Design level-2 DFD for order cloth process and make sure it is Balanced.