

5. Define Transactional Flow

Transactional Flow 1: In-Store Purchase Flow

1. Customer visits the store and selects products.
2. Sales staff assists the customer and guides them to the billing counter.
3. Cashier scans the items, applies discounts if applicable, and generates the bill.
4. Customer pays via cash, card, or digital wallet.
5. Receipt is generated, and the transaction is recorded in the system.
6. Stock levels are updated in real-time.

Transactional Flow 2: Online Order Flow

1. Customer browses the online store and adds items to the cart.
2. Customer proceeds to checkout and makes payment.
3. Order confirmation is sent via email/SMS.
4. Inventory is updated, and the order is forwarded to the warehouse.
5. Delivery staff picks up the order and ships it to the customer.
6. Customer receives the product, and the transaction is marked as complete.

Transactional Flow 3: Supplier Order Flow

1. Inventory Manager checks stock levels and identifies low-stock products.
2. A purchase order is placed with the supplier.
3. Supplier delivers the products to the warehouse.
4. Quality check is performed, and stock is updated in the system.
5. Invoice is processed, and payment is made to the supplier.

