

Data Flow Diagram (DFD)

Example-1:

Tamim Furniture produces high class furniture. They want to develop an automated system for themselves so that their customers can place orders in the company's website. After submission of an order the system will check whether the items are in stock, if found then it will issue a status message to the customer, and will generate a shipping order to the warehouse, which will fill the order. When the order is shipped, the customer will pay the bill. The system will also produce various reports. On the other hand, to confirm the order customer should have to select the furniture id, customer id, phone number and email address.

Construct a Context Level Diagram for the above and Construct Level-1 DFD from your DFD 0.

Example-2:

Perfect Pizza wants to install a system to record orders for pizza and chicken wings. When regular customers call Perfect Pizza on the phone, they are asked their phone number. When the number is typed into a computer, the name, address, and last order date is automatically brought up on the screen. Once the order is taken, the total, including tax and delivery, is calculated. Then the order is given to the cook. A receipt is printed. Occasionally, special offers (coupons) are printed so the customer can get a discount. Drivers who make deliveries give customers a copy of the receipt and a coupon (if any). Weekly totals are kept for comparison with last year's performance.

Construct a Context Level Diagram for the above and Construct Level-1 DFD from your DFD 0.

Example-3:

Suppose you are given the details of a small mail order catalogue system that allows people to shop from home. When a customer receives the catalogue and wants to buy something, they can telephone, fax or email their order to the company. The company gets the order and sends the goods and an invoice. When the customer receives the goods with a delivery note, they send payment and receive a receipt for their payment. The first thing we must do is model the main outputs and sources of data in the scenario above. Then we draw the system box and name the system. Next we identify the information that is flowing to the system and from the system.

Construct a Context Level Diagram for the above and Construct Level-1 DFD from your DFD 0.