

## Project Design Phase-II Data Flow Diagram & User Stories

Date	20 October 2022
Team ID □	PNT2022TMID02555
Project Name	Project – Inventory Management System For Retailer
Maximum Marks	4 Marks

### Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

This example of Warehouse workflow diagram shows the sequence of operations and document transfer at the warehouse. This is kind of workflow diagram used for warehousing process flow description.

The Warehouse Management System is a real-time warehouse database capable of handling large inventories of an organization. This can be used to track the inventory of a single store, or to manage the distribution of stock between several stores of a larger franchise. However, the system merely records sales and restocking data and provides notification of low stock at any location at a specified interval. The goal is to reduce the strain of tracking rather than to handle all store maintenance. The main goal of Warehouse Management System is to ensure consistent availability of supplies for consumers. Thus, Warehouse Management System is directed toward owners of small to large stores and stock managers who are responsible of maintaining sufficient goods on hand in a retail or manufacturing business. It can scale from a single computer running both client and server software up to multiple stores and warehouses. The system is also capable of tracking In & Out transaction of single or multiple stores as well as also generates their billing details. The system generates monthly reports of sales from which a manager of a respective store would be able to know the monthly sales transaction done. Warehouse Management system is a Desktop application.



