

Inventory management

Project Proposal



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GitHub Link: https://github.com/aravind8838/Database\_Project.git

**Introduction**

A company's inventory management processes ensure that the right quantity and type of inventory is available-whether raw materials, components, or finished products-without tying up cash by holding excess stock. The main aim of inventory management is to meet customer demand without having to produce excess inventory.

**Data to store**

* Customer data – this will store information related to customer which will buy products. The personal details about customer will be stored.
* Employee data – as there are different types of employee working so their data will be store and manage. The personal details including name, contact, address will be store. Also, salary and joining date will be store to keep track.
* Supplier data- as products are purchased from several suppliers so their data will be stored. The personal details including name, address, contact number will be stored.
* Products data – the data related to products will be stored in the system. The details can include product name, price, date of purchase, sold date, brand name etc.
* Order data – to keep track of products that are ordered by customer, the system must maintain the order data so this will include data including order id, date, price and date of order.

**Value of data**

The details about products are stored in database so that record of products can be tracked. The manual work will be eliminated as all data will be automated and stored in one place. The record of employee will also be maintained so that retrieval of information at any given time will be possible with accuracy and no redundant issues. The data will be valuable for stock monitoring too. The data will be used by manager to control inventory. The stock counts can be easily maintained. The manager can also use this data for generating sales report.

**Data entry**

The information about customers, supplier, products will be provided by manager. The order details will be entered manually whenever an order will be placed. The information about customers will come from customers when they contact for orders. The information about suppliers will come whenever they will be contacted for products.

**Data use**

The manager will use this system to manage the products. The manager will also maintain data of employees working in store. The manager will use the system to maintain record of orders being placed so that products will be restock before going out of stock. The manager can keep track of sales using this system. The employee can use this system for order handling by customers.