

DATA MANAGEMENT AND DATA DESIGN

PROJECT 1

Team Members: -

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Project Topic: -

Wholesale Management System

Problem Statement: -

1. The existing system uses a manual inventory system to stock products, order, and purchase items.
2. Inadequate data and unstructured information recorded and unable to access data as the records are stored in multiple files and different formats.
3. Data of materials, product sales, and purchases is still in black and white and is not well organized or handled. Address information is either missing or incomplete.
4. Bill details, tickets, and coupons are not being correctly handled from wholesale to store. As a result, processing, adding, and managing are challenging.
5. Time consuming, insufficient data on physical counts of products, daily orders data missing, insufficient data for predicting the supplies needed and logistics are all factors that contribute to these challenges.

Objectives: -

To design a database for wholesale companies which can provide the following features: -

- Accuracy in keeping the data and inventory structured.
- Predicting the future requirements for next demand.
- Structured format of money spent/earned for the year.
- Easy to update and use system for tracking orders.