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Project name : Inventory Management System For Retailers

Customer Segment

- Retailers that struggle to manage their inventory and manipulate it to prevent running out of product in their store.

- A Customer requests a specific product that is at this time unavailable due to inaccurate data.

- When a certain product is sold and after restocking, the data should be exactly maintained.

- Avert product overproduction.

- Stay away from the out-of-stock scenario.

- Keep inventory records current and able to predict and follow trends.

Complexity and Behavioural

- A certain amount of time must be devoted by the shopkeeper's management team to learn a new system, including both software and hardware.

- To ensure the satisfaction of the worker, the user interface (UI) of the application should be made simple.

- Consult nearby retailers for advice and use cutting-edge inventory management systems. Customers have more time to check the product's inventory. looking for alternatives to the current solution.

Problem Facing

- A big disadvantage of inventory management software is cost.

- Problem is caused because of improper product import. due to an excess of the same commodity being offered.

- Business owners do not need to buy and maintain expensive hardware because the software resides in the cloud.

- Retailers' lack of understanding about managing a store. improper product imports. lack of understanding about how to treat customers. selling a product that has expired. improper product maintenance

Solutions

- Creating a cloud database-based inventory management programme. The cloud database should be used to record information about product inventory. Database is linked to the equipment of the store owner.

- When the product's supply is about to run out or is empty, an email alert message will be sent to the store owner's device.

- The overall satisfaction can be increased by improved data security.

- Establishing the awareness among retailers about the application or software of the device.