Breaking Thought Barriers

Inventory Management System for Boyanika, Textile & Handloom Department, Govt. of Orissa

The Objective of the Project is to design the Boyanika's Inventory Management & billing Application which will manage the stock of different products and items. The application will contain module like stock Information of different products category, available stock, price of different items etc. One can also extract any reports relating to purchase and Sale. The inventory management application will have all the categories, subcategories, items, Stock details and reports.

CSM TECHNOLOGIES

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Business Challenge

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The existing system is a manual system in such a system the inventory is managed by some predictions not on actual numbers, either the ordered material are too less or too much. This leads to either piling up of inventory or running out of stock. This problem with the existing system demanded an inventory management application. The responsibility of the new system would be: - Keeping inventory management a cost down which is crucial to competitive advantage. Inventory Management

Application shall help Boyanika slash inventory costs by providing tighter control of stock levels. The application would enable price-rules setting based on the product and items. Inventory Management Application shall provide intelligent control over inventory replenishment, helping ensure that you have enough on hand to fill anticipated orders, but keep excess stock to a minimum. Average lead time, historical or seasonal-based sales demand, and number of days' supply to stock are used to dynamically set reorder point and preferred stock level for each item, on an ongoing basis.

Solution

Boyanika inventory management application is going to be build keeping the commercial aspects of the organization. The application will have different Category of Products, Sub category of Products and items. This application will also have transaction details and reports. The administrator of this application will have right to create product, add items delete items etc. The application will provide information on available stock of the products. The category will be tagged with subcategory. Again the subcategories are tagged with different items in the respective category and rate of the item. Each item will have a specific bar code. The rates will be tagged to the bar code.

The proposed system shall allow Boyanika to maintain a well planned inventory system; the Inventory Management shall allow the user to maintain a simple inventory from which item information can be used to produce bills of the related items. Using these functions the user can:

- Add items to inventory
- Edit items in inventory
- Delete items from inventory
- Add an action for an item

The application will also help to generate reports to get latest update on

- Available stock
- Stock Less
- Bill
- Sale
- Purchase

Results

- This application shall keep detailed information about product stock.
- Automatic deduction of item from the stock on generation of bill as the rate is tagged to bar code and each item has a separate bar code.
- save time wasted on repetitive data entry
- attain 100% data entry accuracy
- Single administrator of the system.
- Reduced paper work
- Faster order Fills
- streamlined data entry
- manage inventory by your own rules
- unlimited roles and permissions
- better time management
- no double entry
- automatically track landed cost for any product
- Improve billing accuracy by eliminating data entry errors caused by manual entry
- Eliminate inventory receiving errors through automated receiving process
- Maintain inventory control through advanced barcode scanning technology
- Automate the Physical Inventory process

At CSM, we understand the critical nature of keeping the customer's organiztion up and running from an IT perspective. We understand the technical issues within complex systems and work to put together the best solution to support end users' needs, both today and in the future.

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