The document is an requirements' document for a cash and carry management system. It includes the Inventory management module, Point of sale module, and Reports module.

Cash & Carry Management System

Requirements' Document

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1. Inventory Management Module: This module should allow store Manager to manage the store's inventory levels and track the movement of goods. The module should be designed to streamline inventory management processes, such as products ordering, Products take, and Price management. Some of the key functions that should be included in this module are:
    - Products ordering: This function should allow store employees to place orders for new products when inventory levels fall below a certain threshold (you could assume that whenever a product in inventory is less than 100 items). Store employee could place order for that product to the suitable supplier who supplies such kind of products.
    - Products take: This function should allow store employees to perform regular products take to ensure that inventory levels match the system's records. So whenever a product is taken from the supplier that product quantity, price should be updated in the inventory.
    - Price management: This function should allow store employees to set and update prices for the store's products. The system should be able to manage complex pricing structures, such as volume discounts, promotional pricing, or dynamic pricing based on market conditions (for example in Ramadan there should be 50% discount in the price of each product.) You can also think of more offers like this you should implement at least 5 such strategies.
2. Point of Sale (POS) Module: This module should provide a seamless checkout experience for customers, while enabling store salesman to process transactions efficiently. Some of the key functions that should be included in this module are:
    - Add to cart: This function should allow store salesman to add items to the cart for customers. The system should be able to handle a high volume of transactions and provide real-time updates on stock availability for each product.
    - Apply discounts: This function should allow store employees to apply discounts to customers' purchases based on promotions or other factors. The system should be able to manage complex discount structures, such as buy-one-get-one-free or percentage discounts.
    - Issue refunds: This function should allow store employees to issue refunds to customers for returned items. The system should be able to process refunds quickly and accurately, while ensuring that inventory levels are updated accordingly.
3. Reporting Module: This module should provide store management with data on sales, inventory levels, and profits. The module should be designed to generate custom reports based on predefined parameters or ad hoc queries. Some of the key functions that should be included in this module are:
    - Sales reports: This function should generate reports based on sales data, such as sales by product, sales by day, or sales by customer. The system should be able to provide real-time data on sales performance.
    - Inventory reports: This function should generate reports on inventory levels, such as inventory by product, inventory by location, or inventory by supplier. The system should be able to provide real-time data on inventory performance.

- Profit reports: This function should generate reports on profits, such as profits by product, profits by day, or profits by customer. The system should be able to provide real-time data on profit performance.