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**Mart Management System**

**Introduction:**

The system used to handle every aspect of running a supermarket properly is called the supermarket management system. These facets include handling data pertaining to different items, employees, supervisors, clients, invoicing, etc. An effective method of handling the supermarket's information is offered by this system.

**Stakeholders:**

In Mart Management System, stakeholders include:

* **Store managers:** They are the people in charge of the daily operations of the store.
* **Clients:** Individuals who come to the market to buy products and services.
* **Suppliers:** People who provide items and products to the mart so they can be sold.
* **IT team**: It is made up of programmers and technical support staff who look after and update the mart management system.
* **Owners or Management:** Those in charge of setting the overall direction and managing the performance of the mart.
* **Personnel in charge of security:** Those in charge of making sure the mart, its patrons, and its staff are safe and secure.

Working:

A retail store's or supermarket's Mart management system database serves as a central repository for vital operational details, offering complete support for:

* **Products:** Detailed information including product name, ID, description, supplier information, cost, and availability of stock.
* **Inventory:** Effective stock management and the avoidance of stockouts are ensured by real-time tracking of stock levels, reorder points, incoming shipments, and outgoing stock.
* **Sales:** Comprehensive sales records that include transaction timestamps, product specifications, customer data, payment options, and sales representative information to support sales analysis and performance reviews.
* **Clients:** A storehouse of client data, such as contact details, past purchases, preferences, and comments, supporting targeted marketing campaigns and customer relationship management.
* **Suppliers:** Data on suppliers, such as contact information, terms of the contract, agreements on prices, and delivery dates, to guarantee efficient supplier management and prompt restocking.
* **Workers:** Employee profiles, which facilitate effective workforce management and performance tracking, include personal data, work schedules, payroll information, performance reviews, and training records.

Because of the database's networked structure and security measures, data confidentiality, accessibility, and integrity are guaranteed. This promotes efficient decision-making, streamlined processes, and higher customer satisfaction.

Requirements of Stakeholders:

**Owner:**

* **Profitability:** In order to reduce expenses, increase revenue, and streamline operations, owners rely on the system.
* **Performance Monitoring:** For intelligent decision-making and business expansion, they need real-time data and analytics.

**Managers:**

* **Operations Efficiency:** Managers place a high priority on inventory optimization, employee scheduling, and overall store operations.
* **Reporting and Analysis:** To monitor sales, control inventory, and enhance decision-making procedures, they require thorough reports and analytic tools.

**Users:**

* **User-Friendly Interface:** For streamlined tasks like inventory management, billing, and customer service, employees rely on an intuitive interface.
* **Training and Support:** To operate the system efficiently and deal with any technical issues, they need thorough training as well as ongoing support.

**Customers:**

* **Simple Shopping Process:** Consumers anticipate a simple shopping experience that includes speedy checkouts, simple product access, and practical payment methods.
* **Product Availability and Quality:** Customers look for a wide selection of dependable stock information to make well-informed purchasing decisions, as well as a consistently high-quality product line.