Project Idea

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Our project is to make a Database for the supermarkets. The database can track all the products in the goods shelves and warehouses. So that, the database can manage all the inventory and keeps the goods are fresh and enough in the markets.

The Main Management Place controls the information of all the products which are selling in the supermarkets. The situations of all the products should always be checkable in the system.

When the markets get new products, they need to register them into the database. Every new batches should also be scan into the system.

There should be sensors in every shelf to manage the situation of products stock. The managers of the stores will know what product they need to request from the warehouse.

All in all, the database make people to control the product better.

Entities:

1. Supermarkets (the managers who control the shelves)
2. The Warehouses
3. The Department of delivery (transport the goods from the Warehouses
4. The main management place (control all he warehouses)

Rules:

1. The managers should send request of missing goods in 12 hours.
2. The Warehouses should response the quests from the managers in 24 hours.
3. All goods should register in the database before going on the shelves.
4. The goods which are going to be overdue should be cleared at the time of due.
5. All goods are required to have producer, produced time, expiration date