**Electrical Home Appliances Trading Company Requirements**

* **Overview**

The company imports household electrical appliances and then sells or markets them in Palestine . The application will be designed to be handled by employees .

* **Requirements**

After requirements collection and analysis phase, we decide to implement the products and orders system for the company, and the following description is provides.

* The company has many warehouses, each warehouse stores several products with specific quantity.
* Each warehouse has location, area and unique ID.
* Every product has unique ID, name, brand, category, price, and color.
* And the products are classified under categories .
* Each brand has ID, and unique name .
* Also each category has ID, and unique name .
* The company will receive orders, each order has ID, date, and customer ID .
* Each customer has ID, first name, last name, address, phone.
* Each order will associated to one or more order items .
* Each order item has id, order id, product id, warehouse id, quantity .
* We have to track every purchase order by recording the customer, the products of order, the store from which each item was taken, the quantity of the item, and the date of the order.
* There must be an integration of information between the quantities taken by customers and the quantities stored in warehouses .