Super Market Billing & Inventory

GROUP -4

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FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS OF THE PROJECT

FUNCTIONAL REQUIREMENTS

Functional requirements define the basic system behaviour. Essentially, they are what the system does or must not do, and can be thought of in terms of how the system responds to inputs. Functional requirements usually define if/then behaviours and include calculations, data input, and business processes.

Requirements for this project are:

1.Billing:

Two essential functions involved with the customers:
a.Buying an Item
b.Making Payment

NB: After adding the required item to his/her cart, the items are then billed and paid for. Adding only the items which are currently in stock and in accurate quantity is necessary for this function to work properly.

2.Inventory:

The essential functions involved with the retailers:
a.Order Goods:
Order goods from different brands and stores.
Find the appropriate goods for the store.

b.Arranging Goods:

Sort the goods based on the price for all kinds of users.

Arrange the goods by product.

c. Selling Goods:

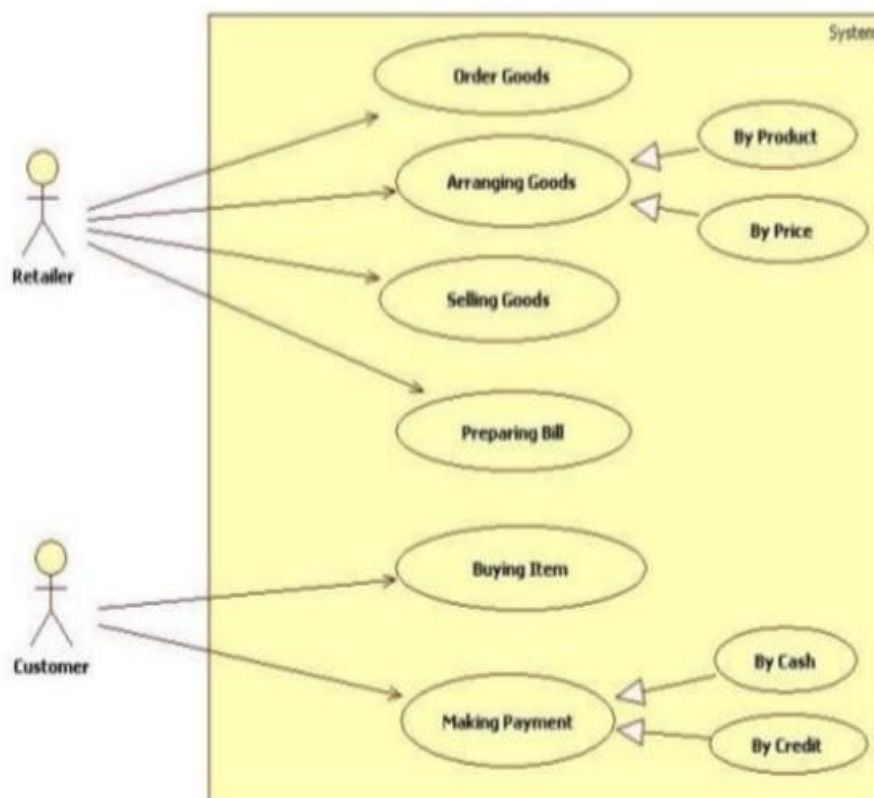Sell these products for the intended customers.

Track the selling of the products for future purpose.

Collect feedback from the customers.

d.Preparing Bill:

Prepare the bill for the customers.

USECASE DIAGRAM

NON FUNCTIONAL REQUIREMENTS

Non-functional requirements specify how the system should do it. Non-functional requirements do not affect the basic functionality of the system (hence the name, non-functional requirements). Even if the non-functional requirements are not met, the system will still perform its basic purpose.

Requirements for this project are:

*Usability
The system must be:
Ease of use for the staff
Quickly accessible.
Simple & Easily navigable

**Reliability:
The system should:
Accuracy in inventory status and invoicing
Prevent unauthorized access
Update for success billing only

***Supportability:
Portable and Adaptable
Compatible with minimum configuration