Stock Maintainance

Problem Statement :

The Stock maintainance system facilitates the activities in an inventory like adding, updating, removing an item from the inventory

SRS:

1. Introduction

* To define the functional and non-functional requirements by making sure efficient stock main management.
* To make the stock maintainance happens as smoothly as possible
* To be able to organize and access small and large inventories.

2. General description

Customers are and groceries are the main customers of stock maintairance system. The benefits provided by the stock maintainance system are easy access, easy update, easy removal of items

3. Functional Requirements

* Display the quantity of all items
* Alert the shortage of any item
* Be able sort items based on different parameters

4. Interface requirements

* Integration of the system with the pre existing system.
* Providing a user friendly interface experience to the customers
* Interfacing various payment and gateways

5. Performance requirements

* System should be able to store 2TB of data
* Response time of the sp system should be less than 2 seconds
* System should be able to handle large no. of orders at peak hours.

6. Design Constraints

* System should not take multiple years for development and implementation.
* System should be able to integrate with other systems in a neat manner
* limitation is in the number of orders per minute
* limitation in the number of transactions per minute.

7. Non functional requirements

* The system should have a very easy to use interface
* The system should be as accurate as possible with its calculations
* The system should have an attractive output page

8. Schedule and budget

* Plan: 5 days
* Develop: 3 weeks

* Deployment: 2 weeks
* Training Test: 1 week

* Hardware: $50,000
* Staff: $20,000