

Stock Maintenance System:

1.1 Introduction:

1.1 Purpose: The software requirement ~~spec~~ specification document is a detailed explanation of the software requirements. This document describes the ~~software requirements~~ different types of software requirements.

1.2 Scope: The stock maintenance system provides an automated process to track the incoming and ~~out~~ outgoing stocks. It provides the ~~feat~~ features of reordering levels and also generate stock reports.

1.3 Overview: The stock maintenance system will allow the process of monitoring stock levels to be automated. This will reduce the manual errors that can ~~can~~ be caused while using the traditional methods.

2. General Description: The automated software Maintenance System will assist the stock managers to track the inventory. They can easily update the stocks and generate an automated ~~report~~ ~~at~~ reorder alerts for low stock items.

3. Functional Requirements:

- 3.1 The manager should be able to easily reorder the stocks.
- 3.2 The manager should be able to track the stock levels.
- 3.3 The manager should be able to easily sell and ~~by~~ buy new stocks.
- 3.4 The manager should be able to generate the ~~track reports~~ reports and view the analysis easily.

4. ~~Non-Functional~~ Interface Requirements: The system should offer a website interface which ~~also~~ should be user-friendly for the stock managers.

5. Performance Requirements: The system should be able to process updates in real-time and must ~~handle~~ handle many transactions per minute.

6. Design Constraints: The system ~~must~~ design must support ~~real-time~~ updates in the stock levels and must be able to integrate with all the other existing systems.

7. Non-Functional Attributes:

- 7.1 Security: The data of all ~~all~~ all the stock managers must be kept secure.
- 7.2 Reliability: The system must be integrates with a backup and recovery system in case of data failure.

7.3 Performance: The system should support fast changing stock levels and updates in ~~real-time~~ ~~real time~~.
real-time.

8. Preliminary Budget and Schedule: The project of developing the stock maintenance system will take up to 8 months of completion. The estimated budget is of approximately \$500000.