

1) Stock Maintenance System.

A) Problem Statement.

The system aims to solve the problem of efficiently managing and maintaining inventory for businesses. Manual processes for tracking inventory levels, restocking and generating reports can be time-consuming and error-prone. The system aims to automate these tasks and provide real-time insights into stock levels.

B) SRS.

1) Introduction

Purpose : To provide a detailed description of the Stock Management System.

Scope : The system will manage all aspects of stock operations, sales and allows users to maintain their portfolios in a very systematic manner.

Overview : This document provides an overview of the Stock Maintenance System, including its features and benefits for business.

2) General Description.

This is a software application that allows businesses to manage and maintain their stocking, inventory levels efficiently.

3) Functional requirements.

- Allow businesses to perform tasks such as adding and updating product information.
- Tracking inventory levels.
- Generating reports on sales and stock levels.

- The system must also provide features for restocking, order management and stock levels analysis.

4) Interface requirements

- User-friendly interface for business owners and employees to access its features.
- System must be compatible with different operating system and devices.

5) Performance requirements

- Handle a large volume of data and transactions efficiently.
- Fast response and minimal downtime.

6) Design constraints

- The system must be designed to work within the business's existing hardware.
- Compliance with best practices and industry standards.

7) Non-functional attributes

- Highly responsive and performant
- Ensure the integrity of stock data and prevent data loss/corruption.
- Include data backup, recovery and error checking.
- Provide audit trails and logs to track changes made to stock data.