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# Stock Maintenance System

Problem statement: It is used to track, manage and maintain inventory levels. The primary aim is to make sure you never have too little or too much stock.

SRS

## 1. Introduction

### 1.1 Purpose of the Document:

This document serves as a guide, outlining the requirements and specifications for the development of a Stock Maintenance System (SMS).

### 1.2 Scope of this Document:

The document defines the overall working & main objective of SMS.

1.3 Overview: The SMS is a software solution designed to automate and streamline inventory management processes for business.

## 2. General Description

- objective of users: To efficiently manage inventory, track stock levels.
- Features & Benefits: Stock tracking, inventory replenishment, reporting, analytics & forecasting.

### 3. Functional Requirements.

- Stock Tracking
- Inventory Replenishment
- Reporting and Analytics

### 4. Interface Requirements

- User Interfaces
- Database Interface
- Integration Interface

### 5. Performance Requirements

- Response Time
- Scalability
- Data Integrity

### 6. Design constraints

- Software compatibility over various OS & DBMS
- Data security: protect inventory data

### 7. Non Functional Attributes

- Security, Portability, Reliability, Scalability

### 8. Preliminary schedule & Budget

- Requirement gathering & Analysis, Design & architecture, development, testing & quality assurance, deployment and launch, Post launch support.

The approx time will be 6 months with an budget estimate of \$ 200,000