IV. 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, Scalibility.

8. Preliminary Schedule and 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.