Stock maintainance System

Problem statement:

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

1. Introduction:-

1.1 Purpose:--

This document serves as a guide outlining the requirements and specifications for the development of an steady stock maintainance system (SMS).

1.2 Scope of the document

The document defines the overall working and main objectives 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 user → to efficiently manage inventory track stock levels.

• Features and benefits → Stock tracking, inventory replenishment, reporting, analytics and forecasting.

3. Functional requirements
 • Stock retracking
 • Inventory Replenishment
 • Reporting and analytics

4. Interface requirements:
 • user interface
 • Database interface
 • Integration interface

5. Performance requirements:-
 • Response time → Prompt response to user queries and transaction.
 • Scalability - Ability to handle large volume of Inventory transaction
 • Data integrity:- Ensuring the accuracy and of inventory data.

6. Design constraints:-
 • Software Compatability → Ensuring Compatability with various OC & RBMS
 • Data Security → Implementation of robust security measures to protect Inventory data from unauthorized access and data breaches.

7. Non functional Attributes
 Security, Portability, Reliability, Scalability

8. Preliminary Schedule and Budget
 We have to the following schedule goals requirement gathering & Analysis, Design of architecture, Development and launch or launch support