

a venerate SRS document For Stock maintenance system

1. Introduction

1.1 Purpose of this document

This document outlines softman

requirements for the system.

It serves as a guide for

developers, stake holders and

also end users, detailing

the system's functionalities

performance chiteria and

design constraints

1.2 Scope of this document

The document covers objectives
functionalities expected
outcomes of ctock maintenance
system. It includes an estimation
of developments east and time
nequired, providing valuable

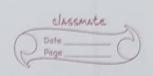
insights for customer

1.3 Overview

The system is designed to automate invertory tracking and managing stock levels and facilitates order processing. It enques heat time data accuracy, meduces manual efforts, supports stock efficient management process.

2. Creneaal Description.

I The system aims to assist users in



maintaing optimal stock levels, preventing over stocking or stock outs, users will benefit from automated alerts, detailed inventory reports and used fariendly interface. The primary users include inventory managers, malehouse staff and procurement teams

- 3. Functional Requirements

 -> Real time inventory tracking and
 updates
 - y Automated greograteg alests when Stock level fall below predesined vest the shold The 20 MA
 - -) Detailed gepogling on stock levels Leonder nistory and Stock movements
 - -) user authentication and toke based aleat controls
 - Integration with enisting ERP system
 for seamless data flow
 - -) Season and Filter capabilities for quick access to stock in formation

- 4. Interface Requirements

 -> Duces friendly graphical interface

 for asy navigation and operation
 - -) APIS FOR integration with enternal systems systems
 - -) Data import l'emport capabilities in standard formats
 - Notification interfaces for email and



5. Performance Requirements

-> system smould handle upto 10000 str -> Real time processing with response the within 2 seconds for uses action - minimal memory reage to ensure efficient performance -> Exect hate should be very loss. G. Design Constraints -) me system must be compatible with all devices -) Mysol can be used for database -> compliance with industry standards for data security and pairacy - Implementation of restfull app for enternal integration won Functional Attributes - security should be provided for -) should accessible via browses and mobile -) It should be reliable - Design must be modular for easy updates and changes - It should be scalable Paeliminary somedule and Budget -> Estimated schedule for the project! - Requirements gathering - (2 weeks)
- System design - (3 weeks)
- Development - (8 weeks)

