

Date / /
Page

Stock Maintenance System

Problem statement:

A stock maintenance system manages inventory operations, including stock taking, ordinary replenishment and reporting. It optimizes stock level, reduces wastage, improves supply chain efficiency and support data driven decision making for inventory management.

1. Introduction

1.1 Purpose of the document. To describe the requirements involved in developing stock maintenance systems.

1.2 Scope of the document:
Describes the overall working and objectives of the SMS. This system will allow admin to manage and update stock values provided to users and stakeholders, management of stock inventory.

1.3 Overview

The system is designed to facilitate the management of stock inventory for business.

2. General description

The system facilitates the following functions like stock entry, trading and movements and repaving.

3. Functional requirement

Internet oriented, using an online service shall save product details, purchase details customer and supplier details.

4. Interface requirement

System interfaces: Barcode scanners, stocks entry and trading compatibility with existing system.

5. Performance requirement

Response time: Quick response for stocks related queries. minimal down time within 2 sec.

6. Design requirement

Platform compatibility with version of different or web browsers compliance with industry standard for sec storage security.

7. Non functional Attributes

Security: Access control and encryption
Reliability: Reliable backup, recovery

8. Preliminary Budget:

Estimated time for development in months