

Lob-2

1) stock maintenance :

~~Problem~~

Introduction:

1) Purpose of this Document:

it is about the requirements and specifications of stock maintenance. it deals with its functionality and design.

2) Scope of this document:

it takes on the objectives, functionality and budget and timeline of stock maintenance.

3) Overview:

This system will provide realtime inventory tracking, automated recording processes and reporting capabilities.

General description:

user characteristics: Warehouse manager, salesperson

Features: Inventory tracking, automated recording, reporting

Benefit: Optimized stock levels, reduced cost

Functional requirements:

(i) Reporting

(ii) Order processing

(iii) system Alerts for low stock level

(iv) add, update, delete inventory items

Interface requirements:

(i) Dashboard interface for inventory tracking

(ii) API for interaction with sales system

Performance Requirements:

- (i) Report should generate faster
- (ii) Inventory updating should be done in real time.

Design Constraints:

- (i) need to be integrated with existing ERP system
- (ii) must be scalable for future expansion.

non-functional Attributes:

- (i) Security
- (ii) Reliability
- (iii) Reusability
- (iv) Availability

Preliminary schedule and Budget:

Estimated time: 5 months

Estimated cost: ₹1 Million