

Stock Maintenance System

1. Introduction:

1.1 Purpose of this document

To define specification & requirement for the development of stock system.

1.2 Scope of this document

To describe the overall objectives of scope of the stock maintenance system.

1.3 Overview

Describe the overall objectives & scope of the stock maintenance system.

2. General Description:

The stock maintenance system is a digital platform designed to automate and streamline the management of inventory.

functional Requirements

- Stock entry

Ability to add edit & delete stock items from the inventory database.

- Stock tracking

Realtime monitoring of stocks levels including available quantity.

- Stock movement

Teaching of stock movement within the organisation including transfers b/w warehouse sales transaction & returns.

Interface Requirement

- Intuitive and user-friendly interface for easy navigation and data entry
- clear display of stock info
- Integration with barcode scanners for efficient stock entry

5. Performance Requirements

- Quick response time for stock related queries
- Minimal downtime for system maintenances.
- Ability to handle large vol of stock item

6. Design Constraints

- compatibility with various OS & web browsers.
- Optimization for both desktop & mobile devices

7. Non-functional Attributes

• Security

Implements across constraints of
encryption mechanism to protect sensitive
stock.

• Reliability

Reliable backup & recovery mechanism
to prevent data loss

Preliminary Schedule & budget

To development of this system is estimated to approx 6 months with budgets of \$ 40,000. This include the analysis, design development, testing etc.