J. STOCK MAINTENANCE SYSTEM

Problem Statement:-

The Stock maintenance system aims to streamline inventory management by automating stock tracking and replenishment processes, reducing errors, and optimizing stock levels for efficient operations.

1. Introduction:

1.1 Purpose: Define specifications and requirements for Stock Maintenance System development.

1.2 Scope: Describe objective/value and estimate development cost and time.

1.3 Overview: Designed for efficient stock inventory management, tracking movement and reporting.

2. General Description:-

Stock Entry: Add new stock items with details like name, Quantity, Price, and supplier info.

3. Functional Requirements:-

Stock entry, Stock Tracking, Stock movement, Reporting.

4. Interface Requirements:

User Interface:- Intuitive interface for ea

navigation, clear display of stock information

System Interface: Integration with barcode scanner, compatibility with external systems

Performance Requirements:
Response Time: Quick response time

Scalability: Ability to handle large volumes of items and transactions

Design Constraints:
Platform Compatibility: compatible

Hardware Limitation: compatible optimizations for desktop and mobile devices

Non Function Attributes:
Security: Access controls, encryption mechanisms

Reliability: Back up, recovery mechanisms

Performance:
Efficient Performance for concurrent users and large datasets,
good performance, compromising speed or responsiveness.

Preliminary Schedule and Budget
Development estimated at 4 month, $10,000 budget