STOCK MAINTENANCE SYSTEM.

1. Introduction.

   1.1 Purpose of the document
   - To describe the requirements involved in developing stock maintenance system

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

   1.3 Overview
   - The SMS is designed to facilitate the management of stock inventory for business
   - It provides functionalities for stock entry, stock tracking, stock movement, reporting ensuring timely management of stock levels.

2. General Description:
   - The SMS facilitates the following functions stock entry, stock tracking, movements, reporting.

3. Functional Requirements:
   - Internet oriented, using an online server system shall save product details, supplies details, Sales details, purchase details. customer login, Sales process. Allows manager to view &

print product details, customer & supplier details

4. Interface Requirements:
   System Interfaces : Barcode Scanners, stock entry & tracking compatibility w/ ext systems.

5. Performance requirements:
   Response time Quick response for stock Related queries, minimal downtime.
   Scalability: handle large volume of stock items & transactions

6. Design constraints:
   - Platform compatibility with versions oS, web browses compliance with industry standards for storage security.

   - Hardware limitations : optimization for desktop & mobile devices.

7. Non functional attributes:
   security: Access controls & encryption.
   Reliability : Reliability backup, recovery
   Performance : Handle concurrent uses & large datasets

8. Preliminary Schedule & Budget:
   - Estimated time of development : 4 months
   - Estimated budget :₹ 4,00,000