IV) Stock Maintenance System.

1. Introduction.

1.1 Purpose of this document:
This document serves as a guide, requirements and specification for the development of Stock Maintenance System.

1.2 Scope of this document:
The document defines overall working and functionality. Performance interface requirements, and non-function attribu-tes of Stock Maintenance System.

1.3 Overview:
The Stock Maintenance System is a software solution designed to automate inventory management process for business.

2. General Description:
The Stock Maintenance System will efficiently manage inventory and track stock levels, analytics and reporting.

3. Functional Requirements:
- Stock Tracking
- Inventory and management.
- Track Stock levels.
- Reporting and Analytics.

4. Interface Requirements:
- User Interface.
- Database Interface.
- Integration Interface

5. Performance Requirements:
- Response time should be minimum.
- Real time updates.
- Scalability: Ability to handle a large volume of inventory transaction.

- Data Integrity: Ensuring accuracy and. of inventory data.

6. Design Constraints:
   - System should be compitable with existing and various. Software and hardware.
   - Robust security measures to protect inventory data from unauthorized access & data breaches.

7. Non-functional Attributes:
   - Security.
   - Portability.
   - Scalability.
   - Reliability.

8. Preliminary Schedule and Budget:
   - Estimated time: 10 months
   - Estimated budget: ₹ 8,00,000.