2. Stock Maintenance System

1.1 Purpose :

To specify requirements for a Stock Maintenance
System for efficient inventory management.

1.2 Scope

The SMS will manage inventory tracking,
supplier information, and order Management,
with a budget of $40000 and a timeline
of 4 months.

1.3 Overview

The System will enable real-time inventory
monitoring, helping business avoid stock-
outs and overstock situations.

2. General discription.

Intended users are warehouse management
and procurement staff. It will provided
feature for tracking stock levels and
generating reports.

3 Functional Requirement.

Inventory Management : Track stock level an
movements

Supplier Management : Maintain supplier
information and contracts.

Order Management : Process incoming and
outgoing orders.

Reporting : Generating inventory and sales
report

Alerts : Notify users of low stock levels

4. Interface Requirements :
   Dashboard : User-friendly interface for inventory overview.
   Mobile Access : For on-the-go stock checking

5. Performance Requirements :
   Manage up to 10,000 stock items.
   Data retrieval response time under 3 seconds.

6. Design Constraints :
   Use of cloud storage for accessibility
   Must integrate with existing ERP systems.

7. Non-Functional Attributes :
   Scalability : Adaptable to increasing inventory needs.
   Usability : Intuitive design for ease of use.

8. Schedule & Budgets :
   Development Timeline : 4 months
   Estimated Cost : $ 49,000