

SRS for Stock Maintenance System

1. Introduction

1.1 Purpose of this Document

This document outlines the requirements for a Stock Maintenance System that manages product inventories, reorders and stock level.

1.2 Scope of this Document

The SRS aims to help businesses maintain and track inventory, optimizing stock levels and alerting when reordering is necessary.

1.3 Overview

The system will allow businesses to monitor stock, track products and generate inventory reports.

2. General Description

The SRS will be used by store managers to monitor product availability and manage reorders efficiently, ensuring that products are always in stock.

3. Functional Requirements

Product registrations and inventory tracking
Stock level monitoring and reorder alerts.
Report generation on stock status.

4. Interface Requirements

Web interface for stock management.

Database for product data and stock history.

5. Performance Requirements:
Handle up to 100,000 product entries
Update stock levels in real time

6. Design Constraints:
System should be compatible with
existing ERP systems.
Works on standard business hardware
and software.

7. Non-Functional Req
Security: Restricted access to authorized
personnel.
Reliability: Maintain accurate stock
levels with 99.8% uptime.

8. Preliminary Schedule & Budget
Development ^{team} ~~period~~: 5 months 7,20,000
~~Estimated budget: \$20,000.~~
Database and Infrastructure: ₹3,20,000
Testing and Quality Assurance: ₹2,40,000
Integration with ERP: ₹1,60,000
Miscellaneous: ₹1,60,000
Budget: ₹16,00,000