

8. Preliminary Schedule and Budget
- (i) Development period - 6 months
 - (ii) Estimated budget - ₹ 50,000.

2. Stock Maintenance System (SMS)

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 levels.

1.2. Scope of this Document

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

3. Functional Requirements

- (i) Product registration and inventory tracking
- (ii) Stock level monitoring and reorder

alerts

- (1) Report generation on stock status.

4. Interface Requirements

- (1) Web interface for stock management
- (1) Database for product data and stock history.

5. Performance Requirements

- (1) Handle upto to 100,000 product entries
- (1) Update stock levels in real time

6. Design Constraints

- (1) System should be compatible with existing system
- (1) Works on standard business hardware and software

7. Non-functional Attributes

- (1) Security - Restricted access to authorized personnel
- (1) Reliability - Maintain accurate stock levels with 99.8% uptime.

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