

## Stock Maintenance System :

Problem statement : The current system is manual & prone to errors, leading to inaccurate inventory tracking, stock shortages & operational inefficiencies in inventory tracking, stock shortage & operational inefficiencies.

### Introduction :

Purpose of this document : The purpose of this document is to define the specifications & requirements for the development of a stock maintenance system.

Scope of this document : The document describes the overall working & objectives of the stock maintenance system. It outlines the values it will provide to users & stakeholders.

Overview : It is designed to facilitate the management of stock inventory for businesses.

General Description : Stock entry, stock tracking, stock movement reporting.

Functional Requirement : Stock entry, stock tracking, stock movement reporting.



## Performance Requirements :

- Response time : Quick response time for stock related queries.
- Scalability : Ability to handle a large volume.

## Design Constraints :

- Platform compatibility : Compatible with various operating system.
- Hardware limitations : Optimised for both desktop & mobile.

## Non-functional attributes.

Security : Implementation of access control, encryption mechanism to protect

Reliability : Reliable backup & recovery.

Performance : Efficient performance to handle concurrent users.