

Stock maintenance system

4. Stock Maintenance System

Problem statement:

To create a stock maintenance system for retail business. It should track stock, handle product information and emphasize usability, scalability and adherence to software engineering principles.

1. Introduction.

1.1 Purpose: It serves as a guide, requirement specification for a stock maintenance system.

1.2 Scope: It defines overall working and functionality, performance, interface requirements, non-functional attributes of a stock maintenance system.

1.3 Overview: It will efficiently manage inventory and track stock bills, analytics and reporting.

2. General description:

The stock maintenance system is a software solution designed to automate inventory management process for business.

3. Functional requirements:

- Stock tracking
- Inventory management
- Track stock bills
- Reporting and analytics

4. Interface requirements

- User interface
- Database interface
- Integration interface.

5. Performance requirements

- Response time should be minimum
- Real time updates
- Intuitive looking and managing interface.

6. Design constraints

- System should comply with industry stand
- Compatibility with existing s/w and h/w.
- Protects library data

7. Non functional attributes

- Portability
- Reliability
- Scalability

8. Schedule and budget

- Timeline: 6 months
- Budget: ₹5,00,000