



③ Stock Management

1) Introduction

1.1 Purpose

This doc outlines the Req. & Specification for a fact management detailing its functionality design.

1.2 Scope

This doc ~~cover~~ covers the objectives functionalities, document Costs and timeline of the stock Stock management System.

1.3 Overview

Stock Management System designed to streamline inventory process providing real time stock tracking, buying & selling stocks.

2) General Description

Objective of User -

Can manage stock levels purchase and sell stocks reduce waste

User Characteristics -

Target users include Inventory Managers, Warehouse Staff.



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Features And Benefits

Key features include Real time processing reporting and Supplier Management.

3) Functional Requirement

- * Inventory tracking
- * Order processing
- * Supplies Management
- * Reporting
- * User Management.

4) Interface Req

System should support data exchange through API's with e-Commerce platforms & Accounting software.

5) Performance Req

* Response time of system should be within 2 sec.

* memory usage must efficiently within of memory operate.

* Error rate should be low as possible.



6) Design Constraints

* Hardware Limitations

System should run on std
server configurations

* Software Limitations

must use compatible version of
database

7) Non-functional Attributes

* Security
Robust Authentication & data
Encryption

* Portability
Should be accessible on various platforms

* Reliability
Aim for 99.9% uptime

8) Preliminary Schedule & Budget

* Time duration

Estimated time is include design
development, testing & deployment

* Cost Estimate

Estimated budget \$150,000 including
less costs.