# Stock nountainence system.

#### 1. Tutroduction:

# Rupere of this document.

To provide a detailed author of the stock Mantamarle system that memages envertory levels and stock reports for surinerses.

Non-hundrenal Requirem

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#### scope of this accurrent

The eystem well be responsible for tracking stock levels, managery order and generating real-three reports. This document outhers the development kne

#### Querren -

The stock malutaineme system will track emerting abert wers when stock is low, and generali stock reports for nanagenent.

#### General Description

The systems will be used by warehouse staff and marager to brack encountry and entgring stock. it evenes efficient ementory who end prevents stock · deficiency.

#### Fun dismal Requirements

- . stock level monetorenj
- · Automatic law-strek abert
- . stock report generation.
- . Supplier oud order management.

nderface hequirements:

Dels lascel enteface for stock management

Not the lawyland and

rapp with ulderly.

- · hete gration with posset of- scale eystems
- · API for supplier communications

## Performance Requirements:

- · Hendle upto 10,000 stock stews.
- · bewelt reports within S seconds
- hols then 11- system down truen.

### Derign Constraints:

- . Must support multiple warehouse locations.
- Ensure comparisition with existing point-of-sale officere
- · Restriction to stendard enumbry formals.

Fundamed Beginned Non- Runctional Attritubes Reliable wells 99-5% uptived was and showed. . Data recurity for stock levels . Scalable for large ennertry about the bus less the Pelinnery Schedule and Budget: pelinnery time: 4 months de mater de. · Estimated sudget: 73, 20,000 Polomance Requirements: · Hendle upo 10,000 chode eleve. bounds again within 5 seconds here them II mystern dearn knee songer Constraints uniteral employer explorer land to the tem. dos fi-trisy pritise option of its hogues everis. evaluate for estrection to stendard ensuring prival.