

(ii)

## Stock Maintenance

### 1. Introduction -

1.1 Purpose: Designed to manage inventory efficiently, ensuring accurate tracking and reporting of stock levels.

1.2 Scope: The system will cover stock tracking, order management, supplier management, and reporting functionalities.

### 2. Functional Requirements

2.1 Stock Tracking: Real-time updates on stock levels and item locations.

2.2 Order Management: Create, update, and track purchase orders.

2.3 Supplier Management: Maintain supplier information and performance metrics.

2.4 Alerts and Notifications: Automated alerts for low stock and reorder thresholds.

2.5 Reporting:

Generate reports on stock levels, order history, and supplier performance.

### 3 Non-Functional Requirements -

3.1 Performance : System should handle maximum users within minimum response time.

3.2 Usability : User-Friendly interface with intuitive navigation.

3.3 Reliability : 99.9% uptime with regular data backups.

3.4 Security : Role-based access control and data encryption for sensitive information.

### 4. Domain Requirements -

4.1 Inventory data

4.2 Real time stock update

4.3 Integration with payment gateway

4.4 User Interface

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~~Due~~  
11/10/24