7.6 Reusability: use modular code design for easy maintenance and future enhancements

7.7 Data Integrity: Ensure accurate and consistent storage retrieval and reporting of library data

8 Preliminary Scheduling and Budget
The development of the LMS is estimated to take 6 months with a budget of $20,000. This includes Project Planning development testing and deployment phases

(4) Stock management System

1 Introduction

1.1 Purpose of Document

- The Purpose of this document is to provide the requirement and specifications for the development of a stock management System

1.2 Scope of this Document

This document define the overall working and main objectives of the stock management system. It includes the development
- estimated cost and time required for the project

1. Overview

The stock management system is a software solution designed to streamline inventory operations. stock with include functionalities such as stock tracking purchase and sales management and low stock alerts

2. General description

The stock management system will cater to the needs of store manges staff and administrative providing features such as inventory monitoring product categorisation purchase and sales tracking & financial reports

3. Functional Requirments

3.1 Inventory management

- Add, update and delete stock records
- track stock rules in real time

3.2 Purchase and sales management

- Record purchase order from supplier
- generate invoice for sales transaction

3.3 Supplier and customer management

- maintain supplier details and purchase History
- manage customer records with sales history

4 Interface Requirment

4.1 user interface

- Accesible via web browser mobile device and desktop application
- provide desktop dashboard with stock, status, accuracy and transaction history

4.2 Integration interface

- Integration with barcode RFID system for stock tracking
- Integration with POS (Point of sale) system

5 Performance requirments

5.1 Response The system should support upto 20,000 stock items

- It should process updates within 2 seconds
- It should allow multiple employ to work simultaneously without conflicts

6. Design constraints

- Should be developed using Java Python with a database like mysql
- must follow basic security measures to protect Inventory records.
- Should run on standard desktop computer with window/linux OS.

7. Non-functional Attributes
7.1 Security: only authorized users can modify stock
7.2 Reliability System should not lose data even during crashes
7.3 scalability must support future expansion of items and users
7.4 usability:- Easy to use for employs with minimal training
7.5 Portability compatible with different operating system

7 Preliminary Schedule and Budget
The stock maintenance system is expected to take 4 months to develop with an estimated budget of $ 18,000. this includes requirement analysis design coding testing and final deployment

5 Pass port automation System
Introduction :-
1.1 Purpose of this document
The purpose of this document is to describe the requirement of the pass port automation system

1.2 scope of this DOCUMENT
The pass port automation system will allow applicants to submit application and receive notification online, upload required documents, track the status of their application, and receive notification.