

30/9/24

classmate

Date

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General SRS for

1) Library Management System

1. Introduction:

1.1 Purpose of this document: This document details the requirements for Library management System

1.2 Scope of this document: The system will provide ^{Proven} features for lending, borrowing and viewing books, catalogues

1.3 Overview: The system provides features for searching, viewing, lending, returning of books and other reading materials

2. General Description: In this system, the librarian, suppliers, students and teachers can search, view and view books and their availability. Users like students and teachers can search, view, borrow and return the reading material

3. Functional Requirement:

- ~~Searching~~ ^{Searching}: The user system allows the users to search for the required book

- Display details: The system displays details of the required reading material like synopsis, availability

- Borrow: The system enables the user to borrow the book

- return: The system allows the user to return the borrowed book or reading material

- Review: allows the users to write reviews for the books

or ready material borrowed.

4. Interface Requirements:

- User Interface: User enters dashboard with amount to lend, return or review reading materials
- System Interface: Integrated with systems that check availability of the reading materials as entered initially by the librarian

5. Performance Requirements:

- System should be able to handle upto 500 concurrent users
- System should respond to user actions within 2 seconds

6. Design constraints: It should be compatible with windows and Linux platforms

7. Non Functional Requirements Attributes

Portability: Should be platform independent

Scalability: Capable of handling increasing number users and their activities

8. Preliminary Schedule and Budget:

Deployment should take 8 months under the budget of \$300,000 including deployment.

Requirement: \$50,000/1 month	Testing: \$50,000/1 month
Design: \$100,000/2 months	
Development: \$100,000/1 month	