

- 1) Generate the SRS
 - Library Management system
 - Stock Maintenance system
 - Passport Automation system
- 2) Identify classes for all 5 applications

Library Management system →

1. Introduction

- 1.1. Purpose of document: This document shows the working of library management system.
- 1.2. Scope of this document: In this, borrowing, returning and searching of books present in library is defined.
- 1.3. Overview: system is used to provide centralised system for management of all library services.

2. General Description

System allows customers and staff to keep track and interact to search, borrow and return books kept in library.

3. Functional Requirements

Borrow: allows user to borrow book

Return: allows user to return borrowed books

Search: allows user to search from items present in library.

4. Interface Requirements

User req Interface requirement: user dashboard with account details to keep track of transactions

System interface requirements: system integrates database of all transactions

5. Performance Requirements

- system should be able to handle upto 200 user interaction
- system should respond to user actions within 2 seconds

6. Design Constraints

should be compatible with android and windows platforms

7. Non Functional Requirements

Portability: should work across multiple devices

Scalability: must scale to manage 2000 books in a library

8. Preliminary schedule and budget

Development should take 3 months with estimated budget of \$50,000