4) <u>Library management</u>

1) <u>Introduction</u>

<u>1.1 Purpose</u>
this doc outlines the req specifications for the lib management system.

<u>1.2 Scope</u>
this docu cover objective, functionalities, devlop cost & timelines of LIB system

<u>1.3 Overview</u>
Designat to facilitate efficient management of lib resources including catologing, circulation

2) General description :
*Objective of user
user can manage book inventories track loans & maintain member records

* <u>User characteristics :</u>
target user include librarians, staff, patrons

3) Functional Req

    * Catalog management
       users can add, update,
delete book entries

    * Circulation management
       Users can issue &
return books

    * Member management
    * Reporting
    * User management

4) Interface Requirement

    * User Interface
    * database interface
    *

5) Performance Req

    * less response time
    * Efficient memory usage
    * less error rate

6) Design constraints

    * hardware limitations
       should function standard
server configuration

    * Software limitation
    Compatible with language

7) Non Functional Attributes

* Security
* Portability
* Realiability
* Scalability

8)   Schedule and Budget

Time duration : Estimated time
4 months
Budget : $100,000