SOFTWARE REQUIREMENT SPECIFICATIONS (SRS)

FOR

LIBRARY MANAGEMENT SYSTEM

1. INTRODUCTION

1.1 DOCUMENT PURPOSE

The main objective of this document is to illustrate the requirements of the project

Library Management system. The document gives the detailed description of the both

functional and non-functional requirements proposed by the client. The document is developed

after a number of consultations with the client and considering the complete requirement

specifications of the given Project. The final product of the team will be meeting the

requirements of this document.

1.2 PRODUCT SCOPE

The product is designed for both the Users and Library Admin. It will be a helpful

product in a very effective way as it will reduce the tiresome workload from both Users and

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1.2 PRODUCT SCOPE

The purpose of the project is to maintain the details of books and library members of different libraries. The main purpose of this project is to maintain a easy circulation system between clients and the libraries, to issue books using single library card, also to search and reserve any book from different available libraries and to maintain details about the user (fine, address, phone number).Moreover, the user can check all these features from their home.

1.3 Definition, Acronyms, Abbreviation:

JAVA -> platform independence

SQL -> Structured query Language

SRS -> Software Requirement Specification

LMS ->Library Management

2. FUNCTIONAL REQUIREMENT

2.1.1 Register

* Description : First the user will have to register/sign up. There are two different type of users.
* The library manager/head : The manager have to provide details about the name of library, address, phone number, email id.
* Regular person/student : The user have to provide details about his/her name of address, phone number, email id.

1. Sign up

2. Login

2.1.2 Manage books by user.

1. Books issued.
2. Search
3. Issues book
4. Renew book
5. Return
6. Reserve book
7. Fine

2.1.3 Manage book by librarian

1. Update details of books

* Add books
* Remove books

2.1 NON FUNCTIONAL REQUIREMENT

1. Usability requirement
2. Availability Requirement
3. Efficiency Requirement
4. Accuracy
5. Performance
6. Reliability