



Problem Specification

Online Library Management System is a system, which maintains books, documents, audio/video files. To use this system user must be a member in this. Then user allowed storing books, documents, A/V files. Then user can search by giving a simple query. It is very difficult search books manually. Online Library makes easy. Online Library uses user internal feedback from user to improve search process in every searching. It also uses indexing to locate documents very fast in searching which relate to query. Main aim of online Library system is providing highly relevant documents in very short period after giving query. It is just like Search Engine. It uses Vector space Model and Probabilistic Model to find similarity coefficient, weights.

This is having totally four modules.

- ✓ User Module
 - Registration Module
 - Login Module
- ✓ Admin Module
- ✓ Issue modules
- ✓ Return of Book

Objective of the project

The main objectives of undertaking this project are:

- ✓ The students will register them through Online
- ✓ Individually each member will have his account through which he can access the information he needs.
- ✓ Books, documents, A/V files are stored in server.
- ✓ User will enter simple query in text box and click on the Search button.
- ✓ Server takes the request and processes it. Returns hyper links of documents with their names, ranks weights and description.
- ✓ If the user clicks on name of the document then it will open with respective program and rank of document will increase for that query.(for example .pdf files with Adobe Reader)
- ✓ User can upload documents, books and a/v files.



- ✓ Time consuming is low, gives accurate results, reliability can be improved with the help of security.

Project Task

Library management systems are commonly used in all educational related institutes.

Online Library management System is useful for all type of libraries.

Key features of Online Library management System are,

- ✓ Registration
- ✓ Login
- ✓ Issue of books
- ✓ Return of Books
- ✓ Notification
- ✓ Fine Collection