



Total Library Software System

LAN Based Software Solution

1. Technical Specification
2. Modules of the Library Software
3. Web OPAC Module
 - a. Utility of the Web OPAC
 - b. Key Features
4. Special Features
5. Reports
6. Hardware / Software Requirements
7. Database Support

“LIBRARY AUTOMATION SOFTWARE”

TLSS (Total Library Software Solution) LAN Based Software Solution

Technical Specification

TLSS is fully competent window navigation, which is quite easy for library patrons and staff. One can explore this user-friendly software with just a few mouse clicks. The simple interface has a powerful database engine, capable of maintaining millions of records.

Modules of the Library Software

1. **Library Guidelines:** This is the key module which controls the functionalities of other modules and the entire software.
2. **Acquisition Module:** It is the crux of the library software. The acquisition process starts with the requirements specified by the members of the library, then placing order to the supplier, and settlement of the purchases made and the payment details.
3. **Accession Module:** It is for entering data of books, journals etc which are physically available in the library. Through this module librarians can search the various library items.
4. **Circulation Module:** The circulation module coordinates the entire process of issuing, renewal, return details of the library items. This is the main module through which library can actually maintain the issue, returns and renewal process.
5. **Staff Module:** It keeps all the information pertaining to the working staff in the library.
6. **Members Module:** It keeps the record of the information pertaining to different members of the library.
7. **Supplier Module:** It keeps all the comprehensive record of the information pertaining to all different suppliers of the library
8. **Stock Module:** This module has all the information about the stock of within library. One can view the no. of items available, issued, damaged, or missing at that point
9. **Inter Library Loan Module:** This module governs the entire process of managing the Inter Library Loan.

10. **Stationary Module:** It deals with the management of all the stationary commodities used in the library.
11. Bar Coding.
12. Utilities: E-Mailing, Internet, LAN/ WAN Support.
13. OPAC

Web OPAC module:

It is a web based information upload and retrieval tool through which we can upload our data from our database to the database located on the web.

Utility of Web OPAC

Regardless of physical location, Web OPAC brings information at the fingertips of members, whether the member is in the library or at a remote location. It brings your library online.

Key Features

1. Sophisticated search facilities
2. Levels of search – Simple, Boolean & Keywords
3. Customizable according to client's requirements
4. Easy access through any Web browser on the user's workstation

Special Features:

1. Z39.50 Utility: Using this facility, you will be in a position to perform search / create catalogue card online using the data of all Z39.50 server available in LOC website. The biggest advantage of this facility is to minimize the time in the creation of new catalogue card by typing all the details the new book acquired by the library, instead, of this you can search for the details for the new books purchased and can download the catalogue card for that book.
2. Unicode compliant for all non-Roman alphabets
3. Support for International Standards such as MARC-21, MARC-XML, AACR-2R, MODS 3.0
4. E-Mail & Internet Facility.
5. Biometric Support.

6. Order Management (new and pending orders)
7. Reports are maintained and available online
8. Renewal processing's

Reports

1. Stock Checking & Verification Report
2. Annual Report in order of accession Number, Name, and Members.
3. List of Books in order of Author, Subject, Condition, Publisher, Accession Number, Title etc.
4. List of Reserved Books as on Date
5. List of Issuable / Non-Issuable Books/ Journals etc.
6. Detailed Summary of Accession Register
7. Library Member List
8. Daily Transaction Reports
9. Member I-Card, Clearance Certificates, Member's Usage, Members due books/ Journals etc.
10. Creation of Catalogue Card in AACR II Format
11. Spine Label , Barcode Report etc
12. Monthly Reports
13. Latest Arrival Reports
14. List of Journals available, Journals due for Return, Payment Details, Journals Subscription, Missing Issues etc.
15. Budget Management: Purchase against Planned, Non Planned, Back Volumes etc.

Hardware/ Software Requirements Operating System

Windows 98, 2000, Windows NT 4.0, Windows XP

Database Support

MS-Access, SQL Server, My SQL