



PROLESSONS SOFTWARE ENGINEERING COMPANY

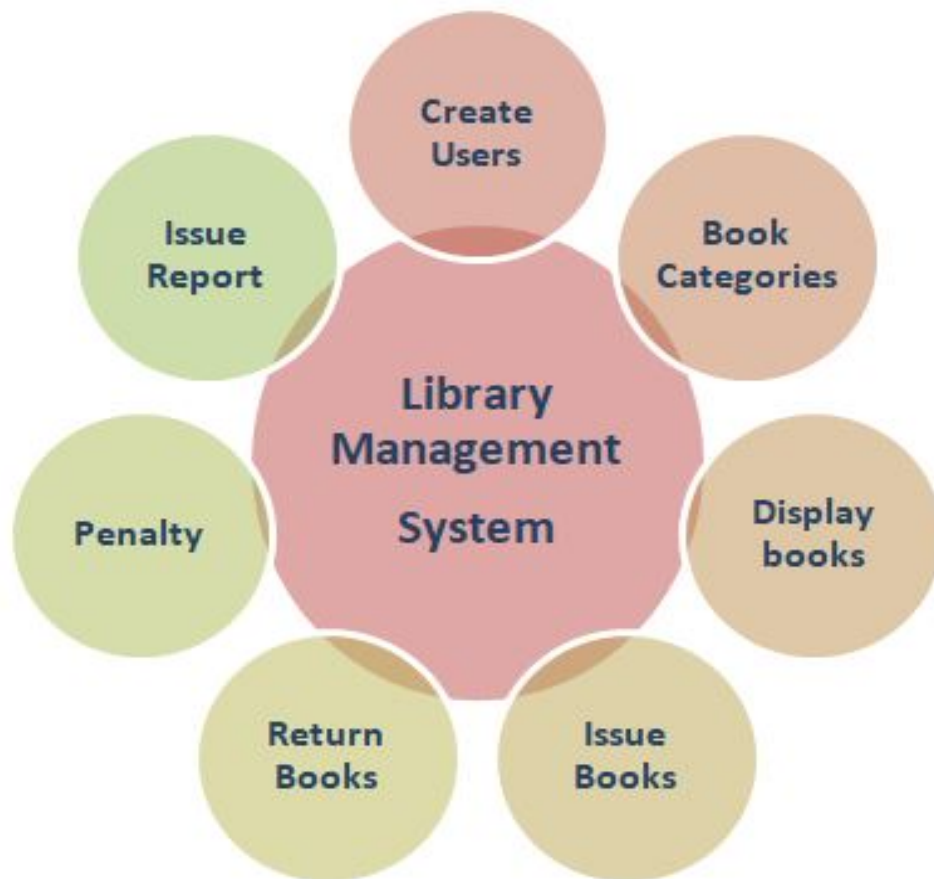
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PROPOSAL TO DEPLOY POINT LIBRARY SOFTWARE



Prepared By:

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Description:

proLessons Technology is a Software Engineering company dedicated to providing:

- Research and Development: Software development and Engineering training School.
- Hotel Solutions, Management and Services.
- Supermarket Solutions, Management and Services.
- Hospital Solutions, Management and Services.
- Education Solutions, Management and Services.
- HR Solutions, Management and Services.
- Pharmaceutical Solutions, Management and Services.
- Business Accounting Software.
- Online Exams(CBT)
- Web application design
- Database management
- Other Desktop application designs
- Hotel Booking and Reservation System.
- Account Management System for Schools
- Result Computation and analysis for Schools
- Online Book Store
- Retail/Wholesale Store Management Software
- Point of Sale
- [State Government Schools Portal](#)
- [Portfolio website](#)

INTRODUCTION TO LIBRARY MANAGEMENT SOFTWARE

This Library Software as the name implies is a digital tool that is installable on a desktop computer and can run on all versions of windows. It is designed to keep record of books, group books by categories, display book titles and cover page in a tabular format, make books easily searchable, track books moving in and out of a library and taking note of their destinations.

Why our Library Management System?

- User friendly and no requirement for basic education to operate
- It organizes books by categories
- An option for easy book search by names, category, author and publisher/date
- It creates a profile for book borrowers
- It keeps records of books issued to borrowers
- It generates a report for each books issued to a borrower
- It keeps record of borrowers history
- It generates an amount to be paid as penalty for defaulters
- It provides data on books conditions in real time
- It throws notifications on books not returned after due date
- List of books borrowed and returned can be retrieved between dates
- It helps u carry out a survey or analysis on the books in demand
- It will track the most borrowed books. This will help you know the books on high demands
- It will track the least borrowed items. This will help you know the books on low demands
- It will track dormant books. This will help you know the unpopular books

Technologies Used:

C# and MSSQL Server

SYSTEM MODULES AND THEIR FUNCTIONALITIES

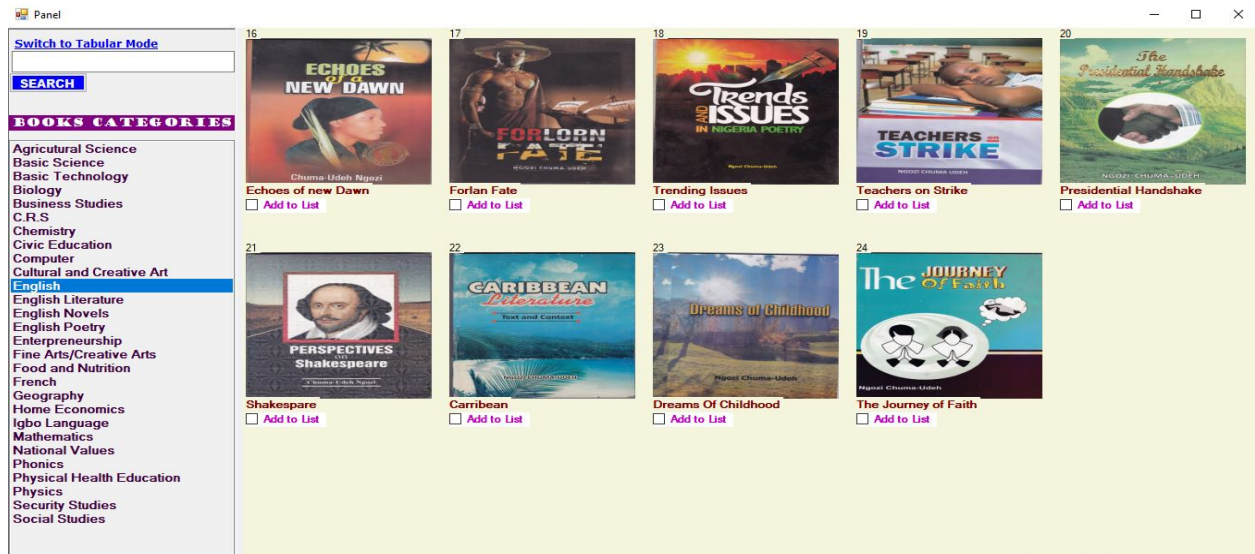


Fig 1.0 Book List Module

This module groups books by categories and displays the cover page in a tabular form to easy search and identification of books in library

ADMIN DASHBOARD

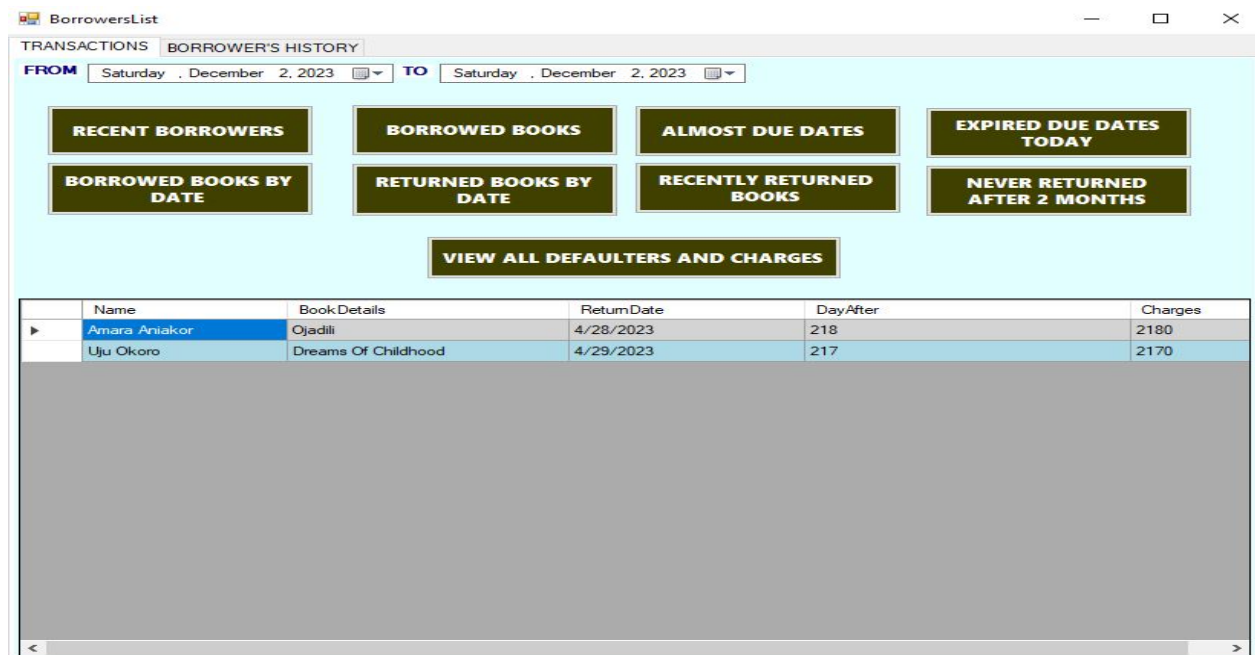


Fig 1.1 Admin Dashboard Module

The admin dashboard summarizes all library activities from books borrowed to books returned.

Borrower's Form Module

The sample used here as shown in Fig 1.2 is a secondary school library where the borrower who is assumed to be a student will have his name and class entered, then the book he is borrowing, the number of copies and the due date.

| Class | Name | BookDetails | BorrowDate | ReturnDate | Returned |
|-------|----------------|-------------|------------|------------|--------------------------|
| JSS 1 | Dozie Perpetua | Forlan Fate | 12/2/2023 | 12/2/2023 | <input type="checkbox"/> |

Fig 1.2 Borrower's Form Module

Return Form Module

The return form which already contains the details of the books borrowed has a return column which checkboxes that will be checked to indicate that the book has been returned.

| Id | Class | Name | BookDetails | BorrowDate | ReturnDate | Returned |
|----|-----------|----------------|---------------------|------------|------------|--------------------------|
| 6 | PRIMARY 4 | Amara Aniakor | Ojadili | 4/28/2023 | 4/28/2023 | <input type="checkbox"/> |
| 7 | PRIMARY 4 | Uju Okoro | Dreams Of Childhood | 4/28/2023 | 4/29/2023 | <input type="checkbox"/> |
| 8 | JSS 1 | Dozie Perpetua | Forlan Fate | 12/2/2023 | 12/2/2023 | <input type="checkbox"/> |

Fig 1.3 Return Form Module

BUSINESS CONSIDERATIONS

- Scalable to accommodate growing and changing usage requirements.
- Equipped to handle digital authorization and controlled access to information using best security and authentication methods. Users are restricted to authorized access level and strict rules are followed.
- Simple and easy to navigate through menus.
- Reduction in cost, time and complexity.

IMPLEMENTATIONS APPROACH AND TIME FRAME

This Hotel Management/Accounting Software is best deployed for a server based computer system where the server controls all the attached clients via intranet connection.

STAFF TRAINING AND PROJECT MANAGEMENT

The staff of your organisation will be trained on how best to use and manage the software by our deployment team to ensure a speedy and smooth implementation.

OUR OFFER

We give 3 – 6 months of free trial. After the period of free trial, full deployment follows if the clients was satisfied and assured of efficiency during the trial stage.

PRICE:

An annual payment of ₦50, 000 – ₦100, 000 depending on the size of data managed.

OUR COMMITMENT

With our team of highly trained, experienced, young and qualified technophiles that have deployed several solutions across the nation, installation, testing and integration is guaranteed at 100% efficiency.

While wishing you a rewarding experience with the company, we look forward to your invitation to practically present the software and concretize the proposal.

Yours faithfully,

proLessons Technology

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Software Engineer