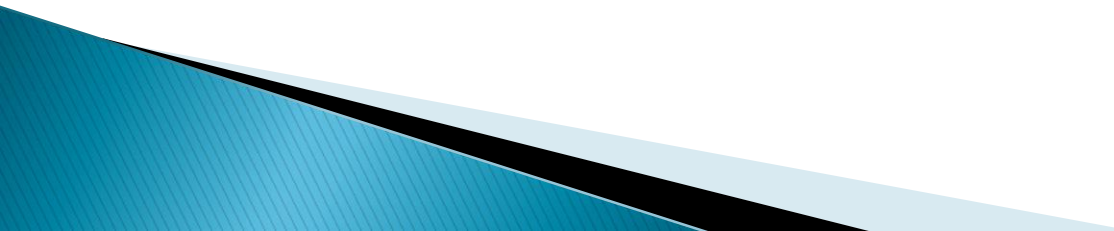


COLLEGE LIBRARY MANAGEMENT SYSTEM

DETAILED PROJECT REPORT



Objective:

- ▶ To build a system that can receive input and generate automatically output in easy way and short time.
 - ▶ To build a monitoring system that is able to monitor and manage all library operations efficiently.
 - ▶ To enter and preserve details of the various issues and keep a track on their returns.
 - ▶ Student login page where student can find books issued by him/her and date of return.
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Benefits:

Improvement in control and performance

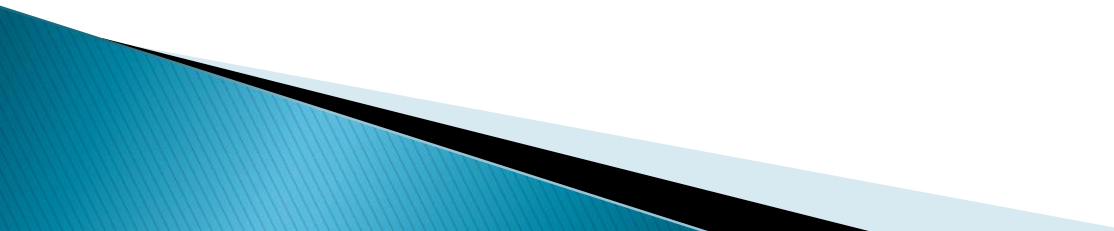
The system is developed to cope up with the current issues and problems of library. The system can add user, validate user and is also bug free.

Save time

After computerized system is implemented less human force will be required to maintain the library thus reducing the overall cost.

Save cost

Librarian is able to search record by using few clicks of mouse and few search keywords thus saving his valuable time.



Features:

STUDENT LOGIN:

This feature used by the student to login into system. They are required to enter student id and password before they are allowed to enter the system

REGISTER NEW STUDENT:

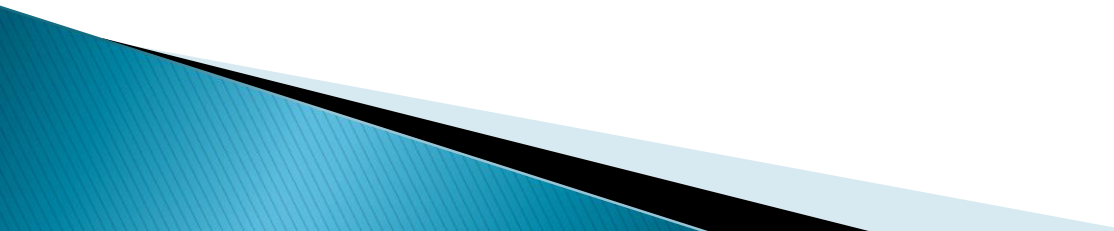
This feature can be performed by admin to register new student to create account.

REGISTER NEW BOOK :

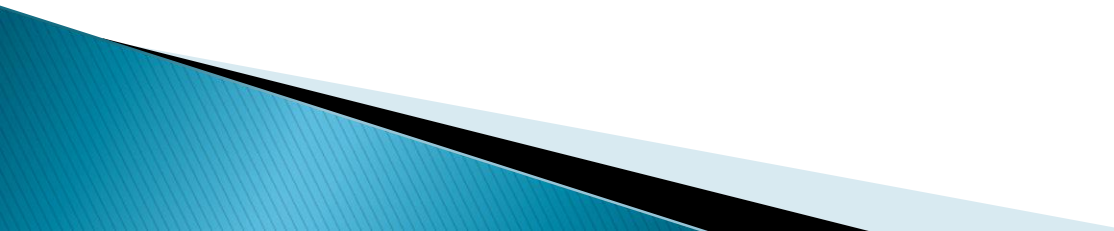
This feature allows adding new books to the library.

ISSUE BOOKS AND RETURN BOOKS :

This feature allows issuing and returning books and also viewing reports of book issued.



SOFTWARE REQUIREMENTS

- ▶ FRONT END: HTML5 AND CSS
 - ▶ OPERATING SYSTEM: Windows XP, Windows 7, Windows 8
 - ▶ LANGUAGE: ASP .NET and Visual Studio
 - ▶ DATABASE: MS SQL Server (back end)
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HARDWARE REQUIREMENTS

- ▶ An x64-capable processor
 - 2 gigabytes (GB) of available hard disk space
 - 2 GB or more of RAM
 - A monitor with a resolution of 1024×768 A CD-ROM or DVD-ROM drive

DESCRIPTION OF SYSTEM

- ▶ The library management system is a desktop based application system used by an administrator (Librarian) as an alternative means of record keeping of the books stored in the library. It has the following features.
 - i) The administrator registers the applicant with their name as the first and last name, matriculation number, department etc. and a username is being suggested by the user alongside a login password which is to be used for log in by the registered user

DESCRIPTION OF SYSTEM

ii) An applicant is allowed to log into the system with his name and generated password which is given at the point of registration.

iii) The administrator goes into the report to view the details of a particular user.



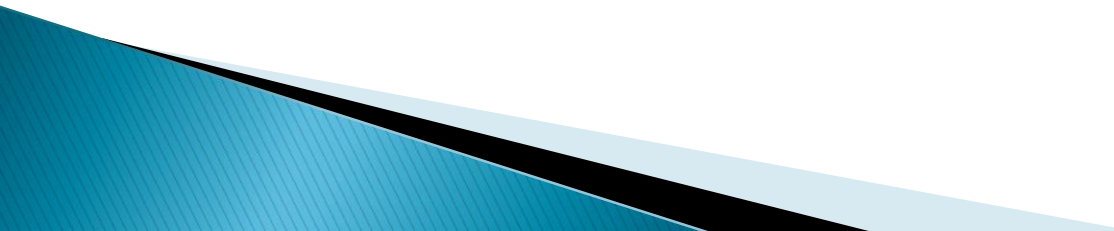
FINAL TESTING

When the product is finalized, it will be run on a real world environment and test on its performance. If the performance is satisfactory, it will be applied, else amendment will be made to correct the problems. After the system has been run for daily operation, continued maintenance and administration should be carried out to handle any system errors and security issues.

This will entail the pre-test, validity test, pilot and reliability test and the data survey.



SUMMARY

- ▶ The quest to make life easier and processing faster has led to computerization of various processes. Computer technology has transformed so many sectors especially the Educational sector in no small measure. In an effort to foster technology driven education, a Library Management System has been developed to manage all library operations such as borrowing, returning of books etc.
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CONCLUSION

- ▶ In conclusion, from proper analysis and assessment of the designed system it can be safely concluded that the system is an efficient, usable and reliable Library Management System. It is working properly and adequately meets the minimum expectations that were for it initially. The new system is expected to give benefits to the users and staff in terms of efficiency in the usage of library system
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