

TELANGANA TRIBAL WELFARE RESIDENTIAL DEGREE COLLEGE(W) DEVERAKONDA

DEPARTMENT OF COMPUTER SCIENCE

PROJECT PROPOSAL

FOR

"LIBRARY MANAGEMENT SYSTEM "

AIM : Library management system is a project which aims in developing a computerized system to maintain all the daily work of library

DESCRIPTION:

Library management system is a project which aims in developing a computerized system to maintain all the daily work of library .This project has many features which are generally not available in normal library management systems like facility of user login and a facility of teachers login. It also has a facility of admin login through which the admin can monitor the whole system. It also has facility of an online notice board where teachers can student can put up information about workshops or seminars being held in our colleges or nearby colleges and librarian after proper verification from the concerned institution organizing the seminar can add it to the notice board. It has also a facility where student after logging in their accounts can see list of books issued and its issue date and return date and also the students can request the librarian to add new books by filling the book request form. The librarian after logging into his account i.e. admin account can generate various reports such as student report , issue report, teacher report and book report Overall this project of ours is being developed to help the students as well as staff of library to maintain the library in the best way possible and also reduce the human efforts.

PROJECT AIMS AND OBJECTIVES

The project aims and objectives that will be achieved after completion of this project are discussed in this subchapter. The aims and objectives are as follows:

- Online book issue
- New Request for librarian for providing new books
- A separate list for digital library
- Student login page where student can find books issued by him/her and date of return.
- A search column to search availability of books
- A teacher login page where teacher can add any events being organized in the college and important suggestions regarding books.
- Online notice board about the workshop

HOW TO USEFUL

- 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 cost after computerized system is implemented less human force will be required to maintain the library thus reducing the overall cost.
- Save time Librarian is able to search record by using few clicks of mouse and few search keywords thus saving his valuable time.
- Option of online Notice board Librarian will be able to provide a detailed description of workshops going in the college as well as in nearby colleges

SCOPE OF STUDENTS (WHAT THEY WILL DO):

- They will do the hands on experience on the technology and software environment
- They will get the SDLC process end to end
- Involvement on the core development activities.
- They will get confidence on the programming tools like Visual Studio IDE.
- They will get hands on development on the SQL Server Management Studio.
- Understanding on the project architectures
- Got full understanding on the layers environment on tiers with programming

Technology Tools Used:

- a. Microsoft Visual Studio
- b. SQL Server Management Studio

Languages Used:

- a. C#.NET
- b. ASP.NET (Web Technology)

Implementation criteria:

End to end implementation of library management system with n-tier architecture. Business logic will be implemented by C#.NET and front end validation will be performed with HTML, DHTML, CSS and JavaScript programming. Providing the development experience end to end with technical assistance and assurance.

Project Out Comes:

1. Reduce the man power and track of the manual entries of library.
2. Highly Secure, Scalable & Reliable
3. Very easy to track the distributed books on the library.
4. For students very easy to track their books details online
5. Facilitate the students and faculty to visualize the college events online.

Project Cost & Payment Details.

Cost for the Project: 25,000/-

Account Details:

ICICI Bank

A/c No: 004801573180

IFSC Code: ICIC000048

1. Guide will support the project with your own hands
2. He will help to create the n-tier architecture and environment
3. He will help to develop the database design
4. He will help to handover end to end completed project to you.

Note: we will provide all the supported software's and Technology support.

Selected Students for this mini Project:

1. B. Sumana:

She is very hardworking , punctual and very discipline(multifaceted)

2. T. Sai laxmi :

She is very punctual and regular in studies with had working nature.

3. A. Anjamma :

She is very dynamic and energetic with strong carrier ambition.

4. Sindhu :

She is always tries to be hard working and quick grasping nature.