

SGP Digital Library

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Abstract

In order to maintain a good recognition at college, the management does every possible aspect in maintaining the qualities of the lecturer's. As this is the online-era, where everything is online we need to develop a system in online which is very useful to refer the required notes and information.

Digital library 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 system. It consist of various review of references , literatures and notes required for all the courses of different programs and subjects referred by students and staffs. It contain SGP interface all over the software. It will be locally hosted and can be accessible to all .There will be advanced upgrades of syllabus and question paper, notes and different reviews. Records of notes of all the departments and their subject's references will be provided.

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.

Keywords: Student, dspace , System, PHP, web, MySQL,

INTRODUCTION

Digital library is a platform that allows us to capture items in any format – in text, video, audio, and data. It distributes it over the web. It indexes our work, so we can search and retrieve our items. It preserves our digital work over the long term.

One of the main drivers for creating digital library/repositories has been the open access movement. Material kept in open access repositories is available online, free of charge. The author retains the rights to the material but gives its users the right to search, read, download, copy, distribute, print or link to full-text without requiring any economic compensation.

SGP Library System is a repository of theses and dissertation submitted. It is maintained by SGP Library Center which is an autonomous inter center of the Sanjay Ghodawat Polytechnic.

SGP library system was created consequent on the university making it mandatory through regulations. It contains polytechnic syllabus records contributes details, advance search, sub search, Google search, How to cite? , Universities and departments.

SGP DIGITAL LIBRARY

From the Academic Year 2017-18 onwards Polytechnic's Library giving digital library service to the faculties and students of the college for the first time in MSBTE. 'D-Space' is digital library software. With this software we can provide notes, question papers, syllabus, lecture PPT's, videos, publications (journals, seminars', conference etc.) to all users. D-Space is a platform that allows us to capture items in any format – in text, video, audio, and data. It distributes it over the web. It indexes our work, so we can search and retrieve our items. It preserves our digital work over the long term.

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About notification guides and Tutorials, Downloads, Login, Polytechnic Coordinators Administrator. It also contains all the references required for students for all the different courses handled in Sanjay ghodawat polytechnic.

As per further up gradation of syllabus the notes and the semester papers will be uploaded time to time that will be locally and accessible for all everyone.

LITERATURE REVIEW

Library is regarded as the brain of any institutes, of course many institute understand the Importance of the library to the growth of the institute and their esteem users which we

Categorically call the students. An integrated library system, also known as a library System in an enterprise resource planning system for a Library, used to track items owned, orders made, bills paid, and users who have borrowed. The Digital Library System is Library software for monitoring and controlling the transactions in a library. Digital Library System supports the general requirement of the library such as the acquisition, cataloguing, circulation and other

- i. Acquisitions (ordering, receiving, and invoicing materials)
- ii. Cataloguing (classifying and indexing materials)
- iii. Circulation (lending materials to patrons and receiving them back) sections.

Before the advent of computer in modern age there are different methods of keeping records in the library. Records are kept in the library on shelves and each shelf are labelled in an alphabetical or numerical order, in which the categories of books available are arranged on different position on the shelves and as well are recorded on the library manuscript and when any book is to be referenced the manuscript is being referred to, to know the position of such required book by the person that requested for the book. After the invention of computer Different researchers have carried out various approach on an automated library System in which this project is as well all about. The teachers by attending every questions. Then the faculty will first login in this section.

The faculty will enter their user name and password if the faculties do not have an account they have to sign up in order to create an account. The faculty should firstly fill the self-appraisal in which they have to rate themselves on some criteria.

PROJECT AIMS & 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

- Request column for librarian for providing new books
- A separate column 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.

The advantage of that software is:

1. Cost-efficiency: Using this system it reduces cost of papers.
2. Time saver: This system saves a lot of time.

ANALYSIS OF SOFTWARE

we will discuss and analyze about the developing process of Library Management System including software requirement specification (SRS) and

comparison between existing and proposed system . The functional and non functional requirements are included in SRS part to provide complete description and overview of system requirement before the developing process is carried out. Besides that, existing vs. proposed provides a view of how the proposed system will be more efficient than the existing one.

CONCLUSION

This software provides a computerized version of library management system which will benefit the students as well as the staff of the library.

It makes entire process online where student can search books, staff can generate reports and do book transactions. It also has a facility for student login where student can login and can see status of books issued as well request for book or give some suggestions. It has a facility of teacher's login where teachers can add lectures notes and also give necessary suggestion to library and also add info about workshops or events happening in our college or nearby college in the online notice board.

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