Digital Library Management System

Bharti Sharadji Chikhale[1], Vijaya Dhanraj Panse[2], Gayatri Kishor Agasti [3],

Pratiksha Prabhakar Chambhare[4], Aman Madhukarro Sonare[5],

Prof.P.S.Gumgaonkar[6]

1-4BE Computer Science & Engineering & Govindrao Wanjari College of Engineering & Technology, Nagpur
5Professor. Computer Science & Engineering & Govindrao Wanjari College of Engineering & Technology, Nagpur

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ABSTRACT: Internet and Distributed Network System created scope for research in the area of information system and its related fields. Digital Library, one of the most recent development in Library and Information Science, which help its user to seek information through web browser. Digital Library is organized assortment of information, with its supported services and a place where the information is kept in digital format and can be retrieved over a networks. Since last one decade researchers are focusing on the users of Digital Library to develop more efficient and effective system to provide quality service to users. The aim of this paper is to provide literature on Digital Library with respect to its users that may be helpful for future research. The paper discusses about the users centric approach in the context of Digital Library. Researchers are working on the system upgradation by using wireless technology to connect with end users directly with libraries. Further, other areas such as user's Perception, Attitude, Adoption and Satisfaction with respect to digital library are also discussed.

Key words: Digital Library, Users centric approach, Users satisfaction, Users perception; Digital library literature

1. INTRODUCTION

- E-Library Management System is an application which refers to library systems which are generally small or medium in size. It is used by librarian to manage the library using a computerized system where he/she can add new books, videos and Page sources.

- Books and student maintenance modules are also included in this system which would keep track of the students using the library and also a detailed description about the books a library contains. With this computerized system there will be no loss of book record or member record which generally happens when a non computerized system is used.

- All these modules are able to help librarian to manage the library with more

convenience and in a more efficient way as compared to library systems which are not computerized
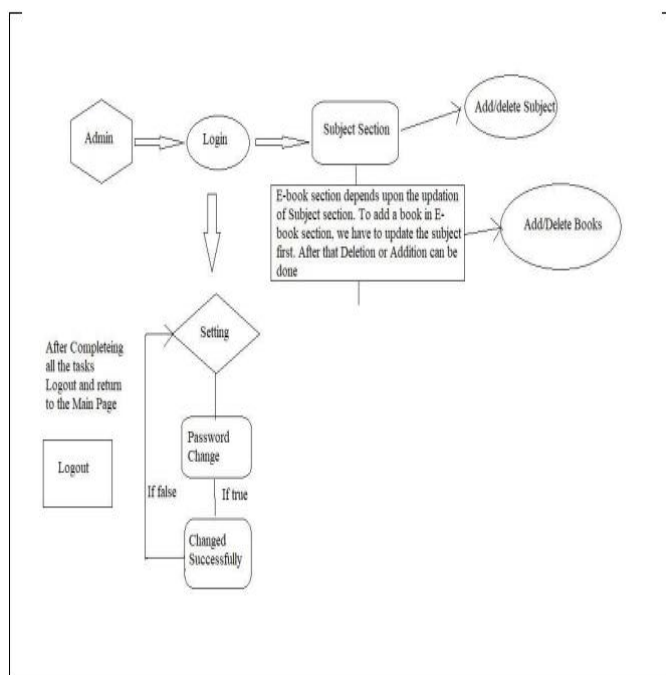
2. BACKGROUND

The project is built at the administrative end and thus only the administrator is guaranteed access. The purpose of the project is

to build an application program to reduce the manual work for managing the students, Course, Tests. It tracks all the details about the Course, Tests, Students.

Functionalities provided by College Management System are as follows:

• Provides the searching facilities based on various factors. Such as Course, Test

• College Management System also manage the Exam details online

• It tracks all the information, of Course, Exam, etc

• Manage the information of Course

Dataflow Diagram Admin Login

3. LITERATURE SURVEY

"Digital Library for College Management System" that is tailored to your specific management needs.

This is intended to aid in strategic planning and will assist you in ensuring the college has the appropriate degree of information.

This section of the article discuss about the research related to user's experience with digital library. This may be helpful to understand user's opinion, attitude, satisfaction and service experiences with digital library which can be further considered for enhancing user's satisfaction towards the use of digital library.

4. ADVANTAGE

• The main advantage of the Digital library as indicated below

• Digital libraries make use of most up-to-date information technologies to store enormous amounts of information in digitized form

• It helps in resource sharing

• It provides quick services to users for searching the needed information

• It saves funds, time and manpower.

5. PROPOSED WORK

To eliminate data entry errors, the programme is kept as simple as feasible.

When entering invalid data, it also displays an error notice. The user does not require any formal knowledge to use this system. As a result, it demonstrates that it is userfriendly.

As previously said, the College Management System can lead to an error-free, secure, and reliable system.

A dependable and quick management method It might help the user focus on their other tasks rather than maintaining track of their records. As a result, the company will be able to make better use of its resources.

Because each College Management System has unique requirements, we create custom-made solutions.

6. AIMS & OBJECTIVE

This subchapter discusses the project's goals and objectives that will be accomplished after it is completed. The following are the goals and objectives:

• Reading books on the internet.

• A column for searching for book availability.

• A login portal for administrators, where they can add books;

• An open connection for learning websites.

7. BENEFITS

- Make a Wide Variety of Content Access
- Latest and update.
- Allow Readers to Access Materials on Demand.
- Make Readers Find Resources Instantly.
- No Opening or Closing Hours.
- Multiple and Simultaneous Access.
- Library Management Automation.

8. FUTURE SCOPE

- that many more features such as online lectures video tutorials can be added by teachers as well as online There is a future scope of this facility assignments submission facility , a feature of group chat where students can discuss various issues of engineering can be added to this project thus making it more interactive more user friendly and project which fulfills each users need in the best way possible

- Digital libraries of the future will give access to a large variety of multimedia and multi-type documents created by integrating content from many different heterogeneous sources that range from repositories of text, images, and audio-video, to scientific data archives, and databases.

- The goal of the digital library is to assist users by satisfying their needs and requirements for management, access, storage, and manipulation of the variety of information stored in the collection of material that represents the "holdings" of the library.

9. CONCLUSIONS

- This website 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 anddo book transactions. It also has a facility for student login where student can login and can seestatus of books issued as well request for book or give some suggestions. It has a facility ofteacher's login where teachers can add lectures notes and also give necessary suggestion tolibrary and also add info about workshops or events happening in our college or nearby collegein the online notice board.

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