



SMART DIGITAL PLATFORM FOR TEXT DOCUMENTS SHARING & INFORMATIONRETRIEVAL

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Abstract— Smart Online Notes Sharing & Retrieval machine is an internet based notes sharing and management system which facilitates college students and teachers to percentage their notes on-line successfully [1]. It reduces the wasting of time in manually dispensing notes to each man or woman. It substantially overcomes the lack of availability and converts the guide old faculty office work to a completely computerized and controlled on line device [2]. It is hard for teacher's to circulate their notes to every and each student whom is he/she coaching. smart online Notes Sharing provide an easy method for both students and teachers to flow into the notes whether or not of any type like lecture notes, challenge questions, query papers and all of the vital files. Online Notes Sharing allows its customers to soundly sign in and log in to their man or woman debts and create, read, replace, delete notes online with their wishes. It affords notes to anybody in a totally comfortable manner. A couple of customers can work on this device on the identical time under centralized supervision by using administrator. it's far a very useful notes management gadget for colleges, schools and other Institutes to manage and percentage their notes in a relaxed, green and effective way.

Keywords— LAMP, CSS, SQL, RDBMS, phpMyAdmin

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I. INTRODUCTION

As the world evolves with new technologies, the concept of inventing and manipulating new ideas and taking everything on line is converting unexpectedly [9]. It is hard for a teacher to spread his teachings to each scholar. Smart online notes sharing gadget offers an easy way for college students and teachers to disseminate notes, together with any lecture notes, undertaking questions, query papers and all critical documents. Teachers and students can upload files from anywhere and students can down load it. Standard its miles controlled by way of admin.

Objectives -

- To reduce manual paperwork.
- Less sharing and delivery times.
- Reliability increased.

- Increase in operational efficiency.
- Data security.

This notes management system can be easily used through non-programming personal evasion. The possibility of human management error. This project is used by three types of customers

- I. Student.
- II. teachers
- III. Managers

College students and instructors can create their own debts and begin viewing notes shared by different users in addition to uploading their own notes [6]. The admin ought to be a licensed person who can tune all of the notes he has uploaded as well as control users thru the admin panel.



II. LITERATURE SURVEY

In this day's age of technological know-how and generation, there's connectivity in the procedure of our daily lives. Information era has revolutionized lifestyles within the global and made existence easier via an expansion of packages. In mild of the rapid modifications with using IT, many equipment, technologies and structures have been produced and invented [8]. We know that understanding and records play an ever-increasing position in each element of existence. Within the current age of the digital international each problem has its very own virtual solution, meaning that everything is inside the cognizance of data. The observe flow Platform gives you the possibility to pick the proper character in your desires. If the person goes through the specified procedure, touch facts may be supplied to the consumer.

The design and implementation of the scholar record sharing system and consumer interface pursuits to update the contemporary paper record. Branch staffs have direct access to all factors of student academic progress through a comfortable, online interface. Through the department App inside the beyond, the university relied heavily on paper information for this initiative. While paper statistics are the traditional way to handle scholar statistics and diverse tasks, this method has numerous drawbacks [9]. First, students ought to be knowledgeable is displayed on the notice board and the pupil ought to go to the awareness board to affirm that facts. It takes a long time to carry records to a scholar. Paper information are tough to keep and song. The bodily pressurerequired to retrieve, replace, and re-document paper facts are all value-brought activities. This gadget affords a easy interface to manage scholar statistics [5]. It is able to be utilized by educational institutions or faculties to without difficulty preserve student facts. This intention is tough to attain the use of a manual machine because the facts are scattered, unnecessary and it's miles very hard to accumulate applicable facts as it takes time. Most of these issues may besolved using clever join. The paper focuses on providing statistics in a easy and smooth way that helps the creation of profiles which includes student, professor, most important and superiors, thereby automating the document

introduction process in an academic group [10]. All records are stored securely at the square Server maintained via the

college Administrator and guarantees the highest stage ofprotection feasible.

A. Tools:

III. TOOLS AND TECHNOLOGY

A. Existing System

Many students have trouble reading during exams because they may not have the notes provided by the teachers or they may not be in college [7]. This system provides a platform for easy access to notes. Most notes are sent via Whatsapp or anything, so it can be very difficult to manage important notes when needed.

There is no software at all.

The time taken to distribute the notes to veryone. Manual paperwork.

Students will be notified of the notes by sendingemails manually.

Lack of access.

B. Proposed System

Proposed system provides an easy way to share documents for study purpose. Multiple users can work on the system at once. Teachers will find it easier to circulate notes to each student.

The web based system is easy to use.Users can register online.

Notes are available from anywhere. Centralized control by administrator.Handle notes securely.

Chat box to convey messages. Group chat and multimedia sharing.

C. Proposed Methodology

- a) Start the software/website.
- b) Select user category i.e. student or faculty.
- c) Login/Signup.
- d) Download/Upload notes.
- e) Delete/ modify the notes.
- f) Chat-Receive/Reply messages.



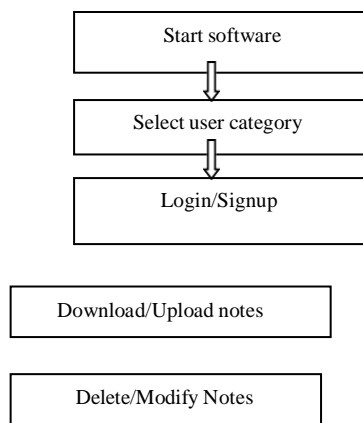


Fig.1 Overall functional block diagram

LAMP: - LAMP is the prototype of the net service stack, abbreviated to its four essential open source components: Linux operating system, Apache HTTP server, MySQL Relational Database management (RDBMS), and Hypertext Preprocessor programming language. LAMP components are especially interchangeable and aren't restricted to the simple choice. As an answer stack, LAMP is good for developing dynamic websites and web applications. Considering its introduction, the LAMP model has been tailored to other components, although it generally consists of free and open source software. As an instance, a similar installation at the Microsoft home windows circle of relatives of working structures is referred to as WAMP, and a comparable installation on MacOS is called MAMP.

PhpMyAdmin: - phpMyAdmin is a free and open source management tool for MySQL and MariaDB. As portable internet software mostly written in php, it has emerged as one of the most popular MySQL management equipment, especially for web website hosting services.

B. Technology:

PHP: - PHP (Repeat Abbreviation for PHP: Hypertext Preprocessor) is a broadly used open source widespread- motive scripting language that is specific to web improvement and is embedded in HTML.

SQL: - SQL is a structured query language used to query database.

HTML: - It is used to present an appealing look to the internet site and additionally offers an easy-to-use GUI.

CSS: - CSS is a cascading style sheet

that is used to present a designer look to HTML using an external record.

JavaScript: - JavaScript is used for client side scripting, which helps to use authentication in the website and many other functions.

IV. IMPLEMENTATION OF MODULES

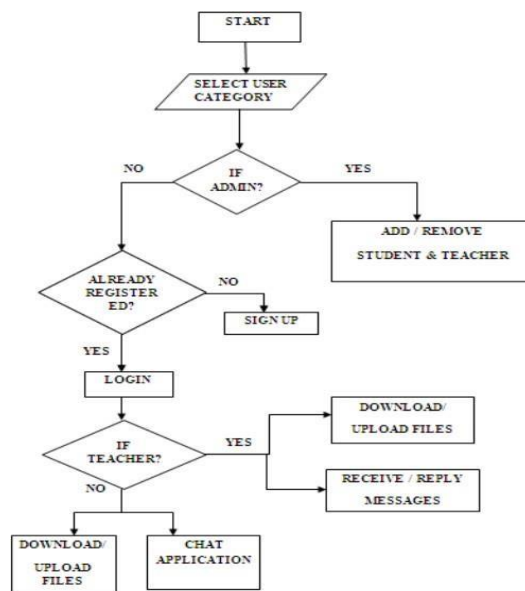


Fig.2 Flowchat Diagram

Design is step one inside the development phase for any engineering product or machine. it may be defined as a "process" the use of extraordinary methods and principles

for the purpose of defining the device, a procedure or a gadget is specified sufficient to allow its physicalitycognizance."

Scope:

All faculty and students can easily access the information they need without delay.

A. Student Module

This module is designed for students.

The student can register himself by creating a newaccount.

Share ideas and documentation there.

B. Faculty Module

Educators can register themselves by creating a new account.

This module is unique to faculties.

Instructors can upload documents and they can bechanged notes,



C. Admin Module

For registration the admin wishes to go into the following records; specific consumer name, cellular No., email address, college, Semester, Roll No.

Admin takes care of all uploading and de-uploading techniques through this module.

Admin may have access to both profiles faculty members and students accounts without need of password or user ID.

D. Notes Module

All uploaded documents are saved in the database. Notification will be sent to all students and faculty members when documents are uploaded.

Notes can be uploaded and deleted by teacher and student. It can be downloaded by every student and teacher.

E. Chat Module

The chat activity module permits participants to have real-time modern-day discussions.

That is a beneficial manner to get a distinctive expertise of every different and the subject being discussed - the way you operate chat rooms may be very exceptional from asynchronous boards.

The chat module has many functions for handling and reviewing chat discussions.

V. CONCLUSION AND FUTURE SCOPE

Using this system, students can access a wide variety of technical and instruction books at no cost. Currently only notes from specific engineering disciplines are included. In the future, we may be able to add other sections as well. Coaching videos and tutorials can also be added. Through this app professors and students will be able to communicate and have group discussions leading to innovative ideas and projects [3]. So in that case IEEE papers from various journals can also be included.

It is remotely monitored

Minimizes manpower and paperwork, which provides precision information, so we reduce it by storing it all online the possibility of losing data misuse etc.

This project has a very wide scope for the future.

In the future this project will be implemented on the intranet [4]. Since the project is very flexible in terms of expansion, it can be updated as and when required in the near future. Execute the entire work in a better, more accurate and error-free manner so that any company is ready to use the offer software of the Smart Online Notes Sharing and Retrieval System.

The future prospects for the project are as follows.

Only persons belonging to a specific organization can use this system.

Generated by a unique ID system for students and teachers.

Mailing system is done with message alert system. Coin based system for student engagement.

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