Design of A Two -Way Note Sharing System

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Abstract: The lecture is as yet the essential instructing and learning structure in college and will remain so because of its cost-viability. Nonetheless, understudy separation brought about by the conventional instructional style of talk - with its single direction data stream permitting next to zero connection keeps understudies from exploiting this learning worldview. Some work has been done to address this issue by re-planning talks to consolidate more teacher and-understudy collaboration, however presently can't seem to be broadly embraced. In this paper, we present a novel way to deal with applying an understudy focused community learning instructional method into the talk climate through a novel ongoing collective note-taking application Group Notes allow understudies willfully to draw in themselves by methods for understudy to-understudy communication. Fundamental understudy criticism has demonstrated that the methodology is academically and actually doable and understudies are very open to this methodology because of its great factor and companion inspiration.

Keywords: Sharing, Login, web- app, admin- access, time saving-money, branch- system

1. Introduction

Notes sharing app is a web application .This project is an online site between students and students. Most college students receive a hard copy of the required notes on the day before the exam. This is a well-known fact practiced by all college students. As technology evolves day by day so why not use this technology in a way that you know well? The skills that share texts are usually strong copies and are rarely soft copies. To overcome all these problems, the student notes-sharing web application can be upgraded. Ease of Use.

A student information sharing app is a web application. This project is an online site for students to students and professionals. Most college students receive a hard copy of the required notes the day before the exam. This is a well- known fact practiced by all college students. As technology evolves day by day so why not use this technology in an informed way? Usually, the power to share texts is in strong copies and rarely in soft copies. To overcome all these problems, a web-based student sharing notes system can be updated.

This new system allows college faculty and students to share important notes. This web application fulfills the requirement for notes for readers. You can see a big explosion at xerox centers just before the day before the test. The notes sharing app will help solve these problems. It is because of the notes they received from the classes and other students just before the previous day of the test. It will also save a lot of money paying for hard copies.as multi-leveled equations, graphics, and tables are not prescribed, although the various table text styles are provided. The formatter will need to create these components, incorporating the applicable criteria that follow.[1]

2. Existing System

The traditional system have that teacher share notes or write notes in class and students take notes throughout the lecture. This method of sharing is quite old and the student engagement is quite low in this format.

Working of Existing System

During the classroom where the teacher is teaching the other students are not interested in listening to the topic instead they are busy taking notes and which is also the loss of students if they do not hear the teacher well in the classroom.

3. Proposed System

It will be Fast Data and Dynamic. With one click the reader gets notes from the teacher or the student can upload the notes and after review by the teacher they can continue the notes continuously so that everyone can download or read the notes. And this will save many portable copies to print during the one-day test with notes and this program will save you money and time as well. To make this methodology reasonable in talks, we explicitly need to address the accompanying issues. To start with, this methodology depends on an understudy focused community oriented learning teaching method, which is demonstrated compelling in gathering based learning errands or exercises in little classes. In a synergistic learning meeting, a little gathering of understudies cooperate towards a similar learning objective or result, where one is given approval by one's companions with respect to their comprehension of a specific thought or idea, or where they are acquainted with thoughts contradictory with their present agreement and are needed to create, in light of conversation and exchange

between bunch individuals new importance with respect to these with themselves instead of receiving a detached job in being kept drawn in by the teacher. Note-taking is a powerful learning method especially in talks, where understudies connect with themselves to figure out the talk by archiving their agreement or misconception of the data passed on by the teacher in their underlying information building measure. Be that as it may, as note-taking is generally an individual decision instead of an educational program prerequisite, students who don't take notes during a talk may not be effectively occupied with the talk if there are no different methods for them to draw in themselves or be kept drawn in by the instructor.

4. Objectives

The purpose of the notes-sharing app for web applications is to: -

• To make complaints easier to link, monitor, track and resolve,

• Provide the company with an effective tool for identifying and identifying problem areas, monitoring complaints performance management.

- Improving business.

- Adaptation of the system according to the changing environment.

- Manage demolition to store the same data multiple times.

- Accuracy, timeliness and completeness of program delivery.

- Stability and performance of people withmoderate intelligence.

- Improving completion of work within deadlines

Purpose

The Student Faculty Note Sharing web app provides an online solution to problems facing students and teachers by keeping up-to-date hard copy notes at the xerox center, and the ability to provide all notes for the entire field in one place.[3]

Scale

Scope of the online management program course:-

• Higher speed of receiving complaints.

• Distribution of related grievances between the Departments.

• Resolution of grievances within one week otherwise complaints will be referred to an official and action

will be taken.

- Receiving public complaints and providing them with status.

- Time and paper suspension will be suspended.

5. Software Requirements

Operating System: Any Windows, Client program Chrome

BootStrap: A free framework for unlocking pre existing and open sources for web design and web applications.

SqlLite (Backend): English is the language of data queries used to retrieve and manage data in a related data management system, it is the language of query and data conversion and data management.

*Django☐:☐☐*Django is a free-based and open-source web- based Python that follows the pattern-building model of the view-controller.

HTML: (Hypertext Core Language) is a set of symbols or markup codes embedded in a file designed to be displayed on a World Wide browser page.

CSS: A style sheet language is that language where all the styling work can be performed using various tools it makes the website more attractive and user friendly, user interface for web applications.

JavaScript: This language works like the brain of the website all the processing can be coded through Java Script.It makes the website fully functional

Tools: Pycharm , BootStrap , Eclipse

6. Feasibilty Study

Practical research is an important part of the software development process. It enables the manufacturer to scrutinize the product being processed. Refers to the possible product research in terms of product result*s* application performance and technical support required to use it.

A feasibility study conducted on a variety of criteria and criteria. The various possible studies are:

Economic Feasibility

It describes the benefits or results we get from the product compared to the costs we spend to improve the product. If the benefits are almost the same as the old system, then so be it. It is not possible to improve the product.

Operational Feasibility

It means the possibility of the product working. Some products can work very well in construction and use but may fail in the real world. It includes additional staff study required and their technical expertise.

Technical Feasibility

It means that the software available in the market fully supports the current system. It learns the pros and cons of using some development software and its availability. It also learns additional training that needs to be given to people to make the app work.

7. File Sharing Online

There are many websites that share files online.We have seen examples of these kinds of websites and most of them are used by us in our daily life for example www.megaupload.com, www.googledrive.com .All websites that serves storage online/sharing need to apply limiting constraints to aquire smooth processing of that site if this kind of conditions are not applied it will affect the performance.So space and bandwidth constraints are applied.[2]

Other types of file sharing are FTP and P2P. A FTP or document move convention is a convention utilized for trading records on any organization that upholds TCP/IP convention, (for example, Internet or intranet). A FTP worker, which uses FTP worker programming, tunes in the organization to get solicitations to associate from different PCs. The customer PC, which uses FTP customer programming, begins speaking with the worker. When associated, the customer can perform many document the board errands, for example, transferring records to a worker, downloading records from the worker, renaming or erasing records on the worker and then some. Most existing programs can go about as FTP customers. Basic programming for FTP customers is CuteFTP, SmartFTP and DirectFTP and so on FTP is a typical document sharing strategy and is utilized by numerous individuals today.

Note System Views

Space-constrained hierarchical visualization

Many kinds of visual effects exist when imaging a file system. On a record sharing site where every client has a size limit, sequential perceivability can be helpful contrasted with other visuals, as the client will have the option to perceive how their documents have utilized their shared space. There are many top-see seeing devices accessible for document framework discovery in Linux working frameworks that can be utilized as a fundamental illustration of record seeing on a site. Top- see vision strategies are generally utilized. Traditional file system visualization.The traditional file system view is where users find folders and files with Microsoft style, and navigate to folders in children's folders by clicking on a folder and more. Most existing websites visualize a file system using this method. Until the sudden growth of AJAX, this model wasn't very useful for getting of all operations because it had to go to a database where info about a specific folder or file.

8. Comparision

Performance

At the point when a record is put away in a document framework and given direct admittance to a document, the time needed to download that document will absolutely be not exactly the necessary opportunity to download a document put away as BLOB in the information base. In any case, on the off chance that validation is needed prior to getting admittance to the download, at that point the strategy is required. All things considered the two techniques set aside about a similar effort to download the document. While transferring a document to an information base or worker, the time taken to transfer a record of 3 MB or less takes around a similar time, in light of the fact that the recorded occasions are milliseconds. However, for 5 MB or more documents the worker alternative appears to work better. In this way, when reinforcement documents will in general be more modest, the two techniques work better. In the event that the records are put away as pictures that are utilized on the site and are noticeable to all clients, the worker alternative will work better, in light of the fact that there is no requirement for approval and direct document access can be given while downloading. When perusing inside a record, if the document is put away as a mass, the full SQL Server list can be utilized and the pursuit can be snappy on the grounds that one question can be utilized to look through a blog, record name, metadata and so on In the event that the record is put away on a worker, at that point Microsoft's reference administration might be utilized to look for documents, however the need to have two inquiries (one information base inquiry and one document worker), and the time needed to consolidate the outcomes in the two questions will postpone the pursuit work.[4]
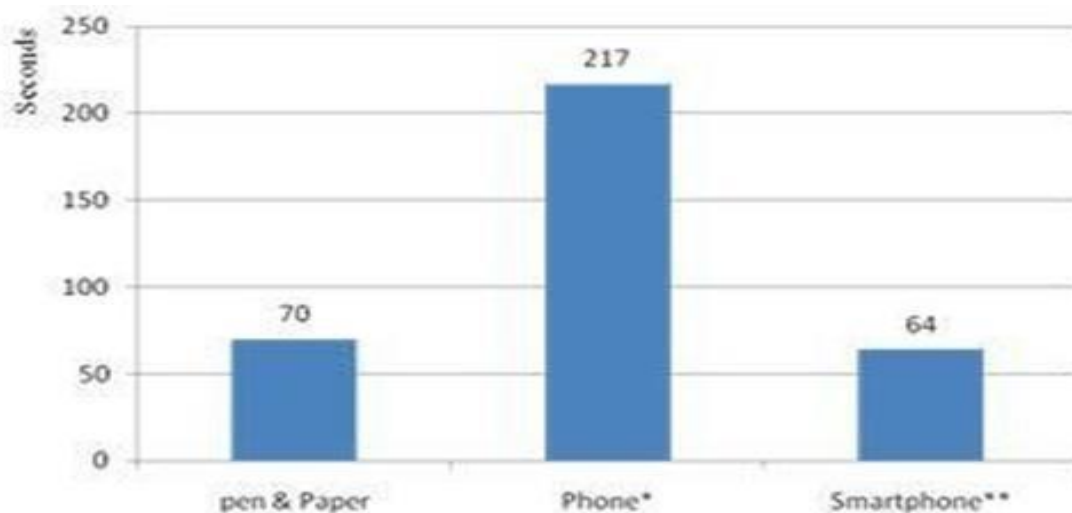

Figure 11: Average time to complete a simple note-taking task

Maintenance

Recovering transferred records can be a lot simpler if the documents are put away in an information base, as it is conceivable with the ordinary reinforcement measure, and if the documents are saved in the document framework, the reinforcement ought to be taken independently. What's more a duplicate of most records can be put away in the information base without thinking of a particular naming show. At the point when you move to an alternate information base (say SQL Server to Oracle), BLOBs won't be viable, yet in the event that the worker is changed over there would be no issue.

Integrity

At the point when records are put away in an information base, implicit information watches that can be utilized can check document honesty, and if documents are put away in the document framework, trustworthiness ought to be checked physically. Also while doing an information base reinforcement, where documents are put away in the document framework and your area in the information base, extra consideration ought to be taken to keep up the respectability between the record and the related information record[5]. On the off chance that the documents are saved as BLOB, at that point no extra consideration is required.
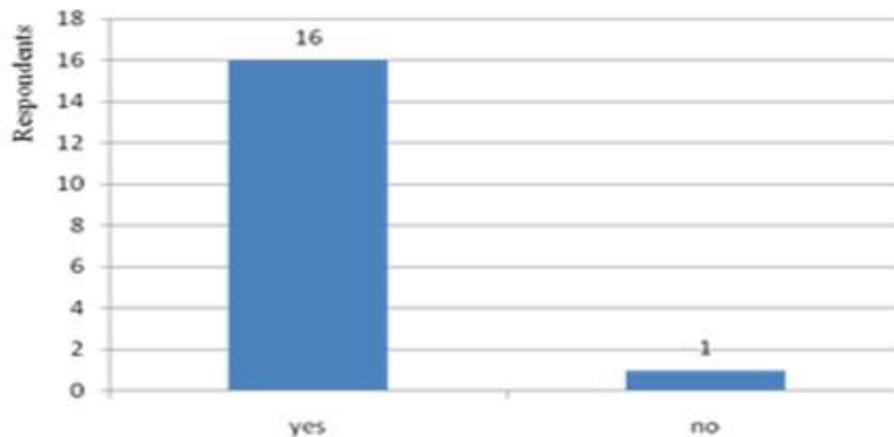

Figure 14: Whether can *GroupNotes* help keep students self-engaged in lectures?

9. Conclusions

A lecture is normally not intelligent and will proceed with its educational style of single direction data stream for a significant length of time. Subsequently, low participation rate and students engagement in lectures are the regular issues in many colleges. upon the existing methodologies that re-plan lectures to fuse more interactive communication.

Acknowledgment

References

GOOGLE Links

1. https://codewithharry.com/

2. https://www.guru99.com/

3. https://www.geeksforgeeks

4. .org/

5. Mark D Reilly, Haifeng Shen, , "Shared note-taking: a smartphone- based approach to increased student engagement in lectures,"flinders university Adelaide,South Australia, January 2011

6. Chirag Indravadanbhai Patel, A survey paper on e-learning based learning management Systems (LMS),June 2013.

7. G. Rößling, Andreas Kothe, "Extending moodle to better support computing education", 6 July 2009.

8. D. Bremer, R. Bryant, "A Comparison of Two Learning management Systems : Moodle vs Blackboard," Published 2005

9. H. S. Al-SARRAYRIH, L. Knipping, E. Zorn, "Evaluation of a MOODLE Based Learning Management System Applied at Berlin Institute of Technology Based on ISO-9126," Published 2010