ONLINE INTERACTION BETWEEN FACULTY AND STUDENTS

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ABSTRACT

This project is an online communication platform for students and employees. College teachers may send crucial information and notifications to engineering students using this cutting-edge approach. Both a teacher and a student login are available. Faculty login will be done on a computer because college faculty works on a computer and document uploading is easier on a computer. Subject e-notes materials can be uploaded by faculty. The documents are uploaded by faculty members to the proper departments. This system, we propose, should be developed on an internet server that allows professors to upload data and students to view search results and necessary papers on their Android smartphones. Students can only see statistics from their current semester in this section in this circumstance. The rest of the data is kept private. Faculty members can access and amend materials from any semester, as well as add any notices they choose. This College Document Sharing initiative, which will run on the Android operating system, will be a great way to share information amongst papers. Java is used in the Android Project for Student Faculty Document Sharing. The purpose of this programme is to make it easier for students and teachers to work together. Faculty and students utilise it, and it allows them to submit notes to the programme on a daily basis, making it easier for students to receive their notes on a regular basis via mobile devices. We approach application development in two ways: one on the server side (computer) and another on the client side (android device). For server-side programming, we utilise dotnet, and for client-side development, we use java. Staff or professors will provide notes on the application on the server side, whilst students will be able to access the data by logging into the application and initiating a call for notes, which will retrieve the relevant notes.

I.   INTRODUCTION

Students and college professors can share documents using the student faculty document sharing platform. The day before the exam, many college students receive a hard copy of the required notes. This is a fact that every college student is aware of. Why not use technology in a well-informed manner, given how quickly it evolves? Faculty members typically send documents in hard copy and, on rare circumstances, soft copy. All of these difficulties can be addressed by a student faculty document sharing tool. For the faculty, you can create a login id that will allow them to upload and edit documents. Students must be provided their own login id in order to download the papers they require.This tool will also aid in improving communication between students and professors. It will also allow faculties to upload documents on time, reducing the amount of physical labour required. Faculty can post data to the server, and students can choose to download relevant documents using an Android device**.** Faculty can add or edit documents at any time during the semester. The planned College Document Sharing system is run on a server, with all files and documents being uploaded there. Students only need to create an account in the android project and then they can easily browse through all of the document's details. The proposed solution saves both students and staff members a significant amount of time.

II.   RELATED SURVEY

The major goal of this project is to make the process of managing student information in an institute more mobile and automated. In a real-world environment, such as a college campus, information is disseminated to students in the form of notices, handwritten manuals, and vocal messages. Today, it is critical to employ not only the traditional forms of statement, but also newer ones, such as cell phone technology, to facilitate faster and easier communication among students. Android is the method of communication. The main goal of this project is to develop an Android-based Mobile Campus application to help institutions and educational systems grow. Students, teachers, and parents will all utilise the application. All information had to be viewed in a hard file or on a webpage in the old method (A.J.Kadam 2017).

The Android College Management System is an Android application that is beneficial to both students and colleges. All activities are completed manually under the current system. It's both expensive and time-consuming. Students can use Android phones to view outcomes in our proposed method. The information will be kept on the college's server. Faculty can update their academic results by logging into their college account through the app. Students have simple access to their grades in this system, as long as their authentications are correct, and they are not allowed to edit or update their grades (Vishwakarma R Ganesh 2016).

III.   METHODOLOGY

Application Development The design of the application is handled by this module. The most crucial factor in evaluating whether or not an application will be effective in capturing attention is the user interface. It should be user-friendly to hold the user's interest. Making a web call is the second step.   This is a critical module that allows the android device to connect to the internet and communicate with the server. To make a web call, we're using a web service. The server allows instructors to upload data, and students can use their Android devices to obtain the relevant documents. The documents can be uploaded or modified to any semester by the faculty. The planned College Document Sharing system is run on a server, with all files and documents being uploaded there. Students only need to create an account in the android project and then they can easily browse through all of the document's details. Students and faculty members will save a lot of time using the proposed approach. It is used by both faculty and students, and it allows faculty or staff to submit notes to the programme on a daily basis, making it easier for students to receive their notes on a regular basis via mobile devices. We take a two-pronged approach to developing applications: one on the server (computer) and the other on the client (android device). This project includes a login screen that only the registered user may access, preventing unwanted access. This system may be used to view the entire syllabus as well as get updates. Android users will be able to download quickly from anywhere utilising the internet. Using this application will drastically cut the amount of time it takes to share engineering documents.

IV.   RESULTS AND DISCUSSION

A quality output is one that satisfies the end user's needs and shows information clearly. Any system's processing results are conveyed to users and other systems via outputs. It is decided how the information will be displaced for immediate use, as well as the hard copy output, in output design. It is the user's most essential and direct source of information. The system's relationship with the user is improved via efficient and intelligent output design. . Computer output should be built in an ordered, well-thought-out manner; the correct output must be developed while ensuring that each output part is designed so that users can quickly and successfully use the system. They should identify the exact output that is required to achieve the requirements when analysing design computer output. Choose from a variety of approaches for presenting data. Create a document, report, or other format that contains the system's information. An information system's output form should achieve one or more of the following goals.

Disseminate information regarding the company's historical operations, current status, and future prospects. Important events, opportunities, challenges, or warnings should be signalled. a reaction. The process of transforming a user-oriented description of an input into a computer-based system is known as input design. This design is critical for avoiding data entry errors and

directing management in the right way for collecting accurate information from the computerised system. It is accomplished by designing user-friendly data entry panels that can manage enormous amounts of data.

The purpose of input design is to make data entry easier and error-free. The data entering panel is set up in such a way that you may execute all of the data manipulations. It also allows you to view your records. Description This module allows the administrator to manage all uploading and de-uploading processes. Admin can have simultaneous access to both the profiles of faculty members and the accounts of students without the requirement for a password or user ID. This module can save all of the papers that have been uploaded. When a new document is submitted to the server, notifications will be sent to all students and faculty members on their mobile phones.

V.   CONCLUSION

The technology is dependable, time-saving, and easy to use. Students will be able to see the specifics of their notes using this tool. Information and notifications are also available to students at any time and from any location. Thanks to the programme, exam preparation and management will be much simplified and hastened. It provides excellent security as well as a system that reduces the amount of time and resources required in traditional processes. The recommended system, which has a responsive and appealing user interface, provides a new way of computing and displaying operations. We have concluded that the suggested system will not only help the institution automate, but will also help to digitise the system, allowing for more efficient resource deployment, as a result of the literature assessment and analysis of the present system.

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