INTERACTION BETWEEN FACULTY AND STUDENTS THROUGH ONLINE

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ABSTRACT

This project is an online platform for students and staff to communicate. This cutting-edge solution allows college professors to communicate critical information and notifications with engineering students. There is a teacher login as well as a student login. Because college faculty works on a computer and document uploading is easier on a computer, faculty login will be done on a computer. Faculty may upload subject e notes materials. Faculty members upload the documents to the appropriate departments. We propose that this system be built on an internet server that allows professors to upload data and students to view search results and required papers on their Android devices. In this case, the students can only see data from their current semester in this section. The rest of the information is hidden. Faculty can view and update documents for any semester, as well as add any notices they choose. This College Document Sharing project will be an excellent method for sharing information between papers and will run on the Android operating system. The Android Project for Student Faculty Document Sharing is built on Java technology. The goal of this initiative is to reduce the amount of effort required by both students and professors. 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 side (computer) and the other on the client side (android device). We use dotnet for server side development and java for client side development. On the server side, staff or faculty will provide notes on the application, whereas students will be able to access the data by logging on to the application and invoking a call for notes and retrieving the required notes.

I.   INTRODUCTION

The student faculty document sharing tool can be used to exchange documents between students and college faculties. Many college students receive the physical copy of the required notes the day before the examination. This is something that all college students are aware of. Why not employ technology in a well-versed manner, given that it is developing by the day? Faculty members usually communicate documents via hard copies and, on rare occasions, soft copies. The student faculty document sharing application can be designed to solve all of these issues. The Android application for student faculty document sharing can be used to communicate any vital data, notes, timetables, notifications, or other information. Just before the preceding day of the examination, you may notice a large rush in the xerox centres. It's because of the notes they acquire from the faculties soon before the exam on the prior day. The Android application for student teacher document exchange will assist in resolving these issues. Students only need to download the documents supplied by the faculties using this programme. It will also save them a lot of money on the physical copies. The faculties find it simple to upload documents because they do so via the internet.

II.   RELATED SURVEY

Smart College Management System is an android-based application that provides a novel technical approach to managing all department-related tasks. The Smart Collage Management System is beneficial to both students and colleges. All activities are carried out 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. The data will be stored on a SQL server. A registration user should be Admin, Faculty, or a student. Faculty can use the app to enter into their college account and update academic results such as internal test grades received by students.(Suman chatterji 2019)

Breeze is a new Android application that gives college students a single, easy-to-use platform for improved connection with their peers, instructors, and administration.This work has a one-of-a-kind and useful feature of inquiries, in which students can post their questions, and anyone can respond.

A filter is used to keep track of improper posts.A report option is also available, which informs the administrator about it is possible that inappropriate posts and measures will be taken as a result of it correspondingly.(Ritika Dhiman 2019).

III. METHODOLOGY

The Android application for student faculty document sharing can be used to communicate any vital data, notes, timetables, notifications, or other information. Just before the preceding day of the examination, you may notice a large rush in the xerox centres. It's because of the notes they acquire from the faculties soon before the exam on the prior day. The Android application for student teacher document exchange will assist in resolving these issues. Students only need to download the documents supplied by the faculties using this programme. It will also save them a lot of money on the physical copies. The faculty find it simple to upload documents because they do so using PC. Students can access the documents for the semester they require by downloading them. 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.

Many college students receive the physical copy of the required notes the day before the examination. Faculty members usually communicate documents via hard copies and, on rare occasions, soft copies. The College Document Sharing system is only accessible to registered users. When the server is down, the user is unable to access or add any information to the system. Students can only see information pertaining to the current semester. They don't have access to the rest of the information. Furthermore, at other organisations, the above-mentioned existing system does not even exist, and faculty and students transmit information or documents solely through papers and files, which can occasionally result in document or file loss.

IV. RESULTS AND DISCUSSION

MULTIPLE MODULES:

- Designing an Application
- Invoking a web-based call
- Downloading Notes from a Server to an Android Device
- Displaying Notes in an Android App

1. Application Design This module is responsible for the application's design.

The user interface is the most important component in determining whether or not an application will be successful in attracting attention. To keep the user's attention, it should be user-friendly.

2. Making a web call:

This is a crucial module in which the android device establishes an internet connection between the server and the android device. We're using a web service to make a web call.

3. Downloading Notes to Android Device From Server

As the web call continues on the server side, it begins to seek for the request and reverts back to the web request that pushes the data to the web service, and then the data is downloaded from the server to the android storage using the internet.

4. In an Android application, show note

The data stored on an Android device can be accessed through browsing in our application, and the received notes can then be viewed.

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.

The Android Project for College Document Sharing includes the following modules:

1. Student Module: This is a student-oriented module. Students can self-register in this module by creating new accounts, and they can use this module to contribute their thoughts and papers.

2. Faculty Module: This module is only for the organization's faculty members. Faculty can submit critical papers in this module, which students can subsequently quickly download. Faculty can use this system to post or share documents with a specific group of students based on their interests and preferences.

V. CONCLUSION

The system is reliable, saves time, and is simple to use. This application will allow students to see the details of their notes. Students can also access information and notifications at any time and from any location. Exam preparation and management will be substantially simplified and accelerated thanks to the programme. It offers great security and a system that cuts down on the amount of work and resources necessary in traditional processes. With a responsive and appealing user interface, the suggested system offers a new manner of computing and showing processes. As a result of the literature review and analysis of the existing system, we have come to the conclusion that the proposed system will not only help the institution automate, but will also help to digitise the system, allowing for more efficient resource deployment.

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