

ANDROID DEVICE FOR DISCUSSION AMONG STUDENTS AND FACULTY

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ABSTRACT

This project is a student and staff communication tool on the internet. Using this cutting-edge method, college lecturers can deliver critical information and notifications to engineering students. There is a login option for both teachers and students. Because college professors work on computers and document uploading is easier on a computer, faculty login will be done on one. Faculty can upload materials for subject e-notes. Faculty members upload the documents to the appropriate departments. We propose that this system be built on an internet server that enables professors to contribute data and students to view search results and required papers on their Android cell phones. In this case, students can only access statistics from their current semester in this section. The rest of the information is kept confidential. Faculty members have access to materials from any semester and can add any notices they like. This College Document Sharing programme, which will run on the Android operating system, will be a fantastic way for papers to share information. The Android Project for Student Faculty Document Sharing makes use of Java. The goal of this programme is to make collaboration between students and professors easier. It is used by faculty and students, and it allows them to submit daily notes to the programme, making it easier for students to obtain their notes on a regular basis via mobile devices. We take two approaches to application development: one on the server side (computer) and the other on the client side (mobile device) (android device). Dotnet is used for server-side programming, whereas java is used for client-side development. On the server side, staff or instructors will supply notes, while students will be able to access the data by logging into the programme and initiating a call for information.

I. INTRODUCTION

The student faculty document sharing platform allows students and college teachers to share documents. Many college students receive a hard copy of the required notes

the day before the exam. Every college student is well aware of this truth. Given how swiftly technology advances, why not use it in a well-informed manner? Faculty members usually deliver documents in hard copy and, on rare occasions, in electronic format. A student faculty document sharing platform can help with all of these issues. You can create a login id for the faculty that will allow them to upload and edit documents. In order to get the papers they need, students must be given their personal login id. This tool will also help students and professors communicate more effectively. Faculty will be able to upload documents on time, decreasing the amount of physical labour required. Faculty can upload data to the server, and students can use an Android device to download important documents. During the semester, faculty can add or update documents at any moment. All files and papers are uploaded to the planned College Document Sharing system, which is run on a server. Students need to make an account in the android project to look through all of the document's details. Both students and staff members benefit from the proposed method because it saves time. The Android app for student-teacher document exchange will help to solve these problems. Using this application, students merely need to download the materials provided by the faculties. They will also save a significant amount of money on physical copies. Because the faculties utilise the internet to upload documents, it is straightforward for them to do so.

II. RELATED SURVEY

The Android College Management System is an Android software that benefits students and colleges alike. Under the current system, all activities must be completed manually. It's costly as well as time-consuming. In our proposed way, students can view outcomes using Android phones. The data will be stored on a server at the college. By entering into their college account through the app, faculty can update their academic results. Students have easy access to their grades in this system if their authentications are correct, but they are not permitted to change or update their grades. (R Ganesh Vishwakarma 2016)

This project's main purpose is to make an institute's student information management procedure more mobile and automated. Information is delivered to pupils in a real-world environment, such as a college campus, using notices, handwritten manuals, and verbal messages. To encourage faster and simpler communication among students, it is necessary to use not only classic forms of expression, but also modern ones, such as cell phone technology. The communication method is Android. The main purpose of this project is to create an Android-based Mobile Campus application that will aid in the growth of educational institutions and systems. (A.J.Kadam 2017)

III. METHODOLOGY

Development of Applications This module is in charge of the application's design. The user interface is the most important component in determining whether or not an application

will be successful in catching attention. It should be user-friendly in order to keep the user's attention. The second step is to make a web call. This is a crucial module that lets the Android smartphone to talk with the server and connect to the internet. A web service is used to make a web call. Instructors can post material to the server, and students can access the documents using their Android devices.

The faculty can add or modify the documents at any time during the semester. All files and papers are uploaded to the planned College Document Sharing system, which is run on a server. Students need to make an account in the android project to look through all of the document's details. The proposed method will save students and faculty members a significant amount of time. Faculty and students utilise it, and it allows them to submit notes to the programme on a regular basis, making it easier for students to receive their grades.

We approach application development in two ways: one on the server (computer) and the other on the client (android device). This project features a login screen that can only be accessed by the registered user, preventing unauthorised access. This system can be used to browse and receive updates on the whole curriculum. Android users will be able to download swiftly and easily from anywhere they have access to the internet. The time it takes to share engineering documents will be greatly reduced by using this application.

IV. RESULTS AND DISCUSSION

A high-quality output meets the needs of the end user and displays information clearly. The outcomes of any system's processing are communicated to users and other systems via outputs. In output design, it is chosen how the information will be displaced for immediate usage as well as the hard copy output. It is the most important and direct source of information for the user. Through efficient and intelligent output design, the system's relationship with the user is improved. Computer output should be constructed in an orderly, well-thought-out manner; the correct output must be developed while ensuring that each output component is designed so that users may utilise the system quickly and successfully. When analysing design computer output, they should identify the specific output that is required to meet the requirements. Choose from a range of data presentation methods. Create a paper, report, or other format that includes the information from the system. The output form of an information system should achieve one or more of the following objectives. Disseminate information about the company's history, current situation, and future possibilities. It is necessary to announce important events, opportunities, challenges, or warnings.

Input design is the process of converting a user-oriented description of an input into a computer-based system. This design is crucial for preventing data entry errors and directing management in the correct direction for gathering reliable data from the computerised system. It's done by creating user-friendly data entry panels that can handle massive amounts of

information. The goal of input design is to make data entry as simple as possible. The data entry panel is set up to allow you to perform all of the data manipulations. It also allows you to look at your files. Description The administrator can use this module to control all uploading and de-uploading procedures. Admin can have simultaneous access to both faculty profiles and student accounts without the need for a password or user ID. This module has the capability of storing all of the documents that have been uploaded. When a new document is sent to the server, all students and faculty members will receive notifications on their mobile phones. Downloading Notes from a Server to an Android Device. As the web call proceeds on the server side, it begins to look for the request and then returns to the web request that pushes the data to the web service, after which the data is downloaded from the server to the android storage over the internet.

V. CONCLUSION

The technology is dependable, efficient, and simple to operate. This tool will allow students to see the specifics of their notes. Students can access information and notifications at any time and from any location. Exam preparation and management will be greatly simplified and expedited as a result of the programme. It offers exceptional security as well as a method that cuts down on the time and resources necessary in traditional processes. The proposed system, which has a user interface that is both snappy and beautiful, offers a novel manner of computing and showing processes. As a result of the literature review and study of the current system, 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.

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