

AN ONLINE ANDRIOD BASED SMART NOTE MECHANISM FOR DAY TO DAY ACTIVITIES

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Abstract

Smart Note is an android Application that seems to be like a journal where one can note something vital for future reference. Thus, here the understudy and educator note what they should be alluded at future. Understudy Complaint is utilized to Note the subtleties of the understudies so as to inform their folks concerning it on their PTA meeting. In address subtleties the staff can note what they instructed in to-days class by utilizing the Date picker. By a similar way they can likewise see what they instructed in their past class. In Update module the staff can refresh ongoing updates with respect to Holidays, gatherings, and so forth and so on. Additionally, these updates can be seen by the understudy. In Assignment module the Student can spare the insights about their assignments. Subject, Assignment theme and Submission date. It very well may be seen for sometime later. In Exam subtleties module the Exam Schedules can be given as of now by the understudies and further by composing the subject name one can without much of a stretch get the subject tests date and session.

I. INTRODUCTION

An android application online portal between students and faculty is discussed. This innovative system allows college faculty to share important data as well as notifications with engineering students. It consists of a faculty login along with student login. Since college faculty operates through pc and document uploading is simpler through a pc, the faculty login is to be performed through a computer. Faculty may upload documents of subject syllabus, timetable document, notifications, e notes etc through their provided login. The documents are uploaded by faculty to different corresponding departments. We propose to build this system on an online server that allows faculty to upload data and students may view search and download required documents through their android device. Here students only see and download data of their particular semester. Rest data is hidden. Faculty may access and upload/edit documents to any semester or add any notice as desired.

II RELATED WORK

EXISTING SYSTEM

The present systems are maintained manually with information being stored in traditional ways. This makes the management of data complex. In this system all students make

it to the printed documents and no user-friendly interactive place where students/faculties can share their ideas.

Disadvantages:

The android mobile user will not be able to insert or view details if the server goes down. Thus, there is disadvantage of single point failure.

III PROPOSED SYSTEM

The proposed system maintains all information in a centralized database. The system allows to conduct all operations effectively and efficiently. students and further by typing the subject name one can easily get the subject exams date and sessions can also view what they taught in their previous class. In Update module the staff can update recent updates regarding Holidays, meetings, etc. Also, these updates can be viewed by the student. In Assignment module the Student can save the details regarding their assignments. Subject, Assignment topic and Submission date. It can be viewed for future use.

Advantages:

Easy -to-use wireless connection.

Information is very fast and easy way. hence it is time saving.

Smart note is reliable and powerful.

It is helpful for blinds that think and write freely.

Smart note is used for instructors in presentations

IV METHODOLOGY

In this paper, we had developed an application which is fully reliable and convenient to use. Students particularly login with their particular IDs (Enrollment numbers) and passwords which are provided during admissions. Smart college application uses smart phones of android platform. The level of privilege given to the admin (HOD) is highest whereas privilege of students is Lowest. Thus, Delegation of Authority is implemented. The admin will add the faculties and the Faculties will add students. The admin and faculties can upload and edit the data and share to the students, but students can only access (read) the data.

Application has various modules such as:

- a) Lectures Timetable
- b) Examination
 - Exam Timetable
 - Result
- c) Notes
- d) Notices
- e) Defaulter List
- f) Reference Books
- g) Forum

Faculty and admin can upload data in respective modules similarly Students can access the data in respective modules. Every user can view their ID number in navigation drawer. Students can clear their doubts by asking their queries in forum module and staff can answer to the questions particularly. Application uses cloud storage to store the data thus it can be accessed from anywhere and anytime.

Privilege of users

Privilege of users			
User	Read	Write	Execute
Admin	Y	Y	Y
Faculty	Y	Y	Y
Students	Y	N	N

The overall system design consists of following modules:

- *Admin module:* The admin (HOD) can login into the application with his particular ID and password and the application will authenticate the id and password. Admin has following features like adding faculties (new ID), he can issue the notes and notices to the students or teachers, viewing the defaulter list. HOD can also discuss the answers with the students in discussion forum.

- *Faculty module:* Same as admin module, first faculty will login to the application and it will be authenticating the id and password. The module is designed for staff, which uses the application for uploading lectures timetable, uploading exams timetable and results and uploading notes and notices regarding anything. Also, the faculty will answer the student's questions in the discussion forum.

- *Student module:* The student will login o the application with his particular ID which is in the form of Enrollment number and password which is provided by the department. Here, students can access their regular timetables, access notes and can download it, access notices regarding anything like scholarships, holidays, activities, etc.

- *Lectures Timetable Module:* Faculties will display or upload the timetable to the application and students can view their regular timetable which is uploaded by the faculty.

- *Examination module:* Under that there are two sub-modules which are:

Exam timetable - where the students can view their exam timetable

Result - where exam results can be accessed.

- *Notes module:* In this module, notes which are prepared by different staffs and uploaded by them, can be accessed and downloaded.

- *Notices module:* Different notices will be accessed by the students.

- *Reference Books module:* Here, different references books which are on different subjects are provided for the students only. This module is available only for students.

- *Database module:* All the data of android application are stored in the shared database. The database is stored on the cloud.

- *Discussion Forum Module:* The module is a feature where students and teachers can discuss the questions from the students. The students can put forth their queries here. This discussion improves the interaction between students and teachers. In this discussion forum, the respective subject teachers respond to student queries.

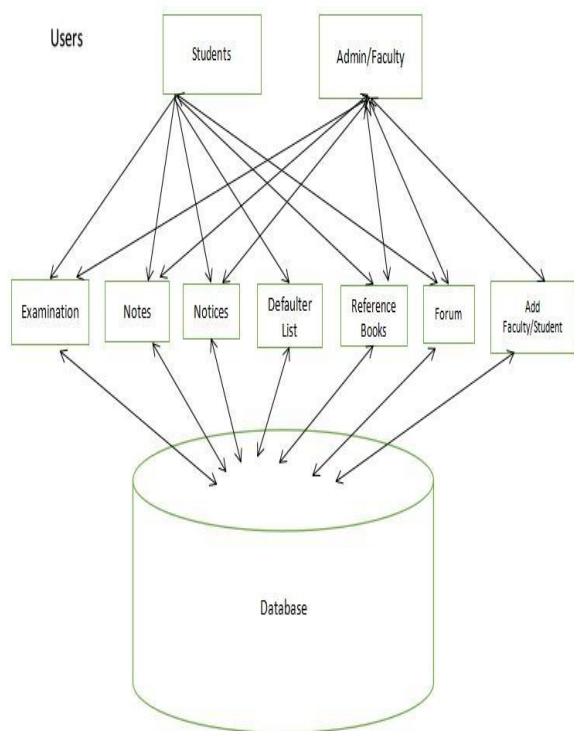


Fig: System Model

V CONCLUSION

This paper focuses on android application which offers reliability, saves time, and is user friendly. The application can be incorporated with more features like it can implemented to all the available departments in college. It can also be made to run on IOS as well. It can be made to support the “Live” teaching facility, so absent students can continue their learning irrespective to the problems. “Online attendance” facility can be added which can reduce the paper work.

VI REFERENCES

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