

Android Mobile Based Smart Notice Board

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Abstract- Android Mobile Based Smart Notice Board app will provide students a platform for easy viewing and accessing of notice board system. It fulfills the requirements of students and department in-charge of colleges to easily manage data of notice and other feedbacks. An organized and systematic office solution is essential for all institutes and organizations. There are many departments of administration for the maintenance of college information and student databases in any institution. The existing pattern of writing/printing the notice and displaying notice on notice is very antiquated and difficult to manage. The main aim of the proposed Android Mobile Based Smart Notice Board app is to create a simple and easy to use android based centralized user interface and a well-defined database-centric schema for storing, retrieving, and managing notices from objects of students.

This system will allow the user (student) to know the notice of examination details, fees details, online results, training and placement details. If the proposed system of 'Android Mobile Based Smart Notice Board app' is successfully implemented then it will increase efficiency of data, less time consuming, saving the paper work of printing and allow easy database management, data retrieval and data manipulation of user.

With the help of this application, the candidates can register themselves for viewing notices which being displayed by any particular in charge of college department. Students can login, fill in the form with adequate details, submit it and get the details of their user name and password, within seconds of time.

The proposed system will lead to the automation of the displaying notices & its management system. Moreover it is far better than the presently running ancient system.

I. INTRODUCTION

Changes in information technology it allow schools to utilize databases and applications thus, making the accessing of records centralized. One of the changes that came about is the online-based applications. These applications are an improvisation to the traditional- transaction processing systems. Thus, most universities switch to the online system because of its efficiency to acquire process, store and retrieve

information from the internet. The collage notice board would be a new way of display notice on notice board that would achieve efficiency on processing display notice and maintain student information. The developed android application will be used by teachers, students, other faculty and the administrators. This project is aimed at display notice board of college to student mobile by using android application. College is supposed to make notice and place it on notice board. Each student teacher is eligible for viewing notice once they are finalized by admin but they can't edit them. The focus of this project is to develop a database system which is capable of generating a notice board for the college. In few minutes, the program generates a notice board and place notice on it that fulfills all your requirements.

Administrators enter all data required for Place Notice on notice Board and after finalize notice places automatically to notice board. It is quick and easy to maintain and easy to transfer information to Students mobile

II. RELATED WORK

1. GSM Based e-Notice Board wireless communication

Pawn Kumar, Kiran Pal, and Vikas Bhardwaj June 2012. This technical paper explains GSM based e-notice board which can be widely used for multitude of application including education sectors, traffic control, banks etc.

2. SMS Based wireless notice board design GSM

Payal Mishra, Pinki Singh, Shivani Gupta 10-Oct-2013. The system accepts the message, stores it, validates and display it on notice board connected with the modem. It is based on wireless and error free system. The data in system will be failing only in power failure condition.

3. E-NOTICE APPLICATION For Android Phones:

Priyanka Kapoor, May 30 2014. E-Notice App helps you access online notices on your phone. It is an online notice board maker where a group of people can easily communicate with each other by sticking virtual notes. These notes can have text, images or include online videos.

III. PROPOSED METHOD

The objective of the design of a new system is to automate the current procedure of managing and controlling the information about the student details and to reduce the overhead of managing paper documents for every announcement and notices being made. The proposed system will keep the information on a central server while allowing users to access that information from their own Smartphone through the installed android application. Students are able to view the notice board and they only have the authority just to view and read the notice which is displayed on notice board. The developed application will be used by students, teachers, parents and the administrator.

The functionalities of the proposed system can be divided into sixteen modules including the administrator module and the user module.

IV. METHODOLOGY

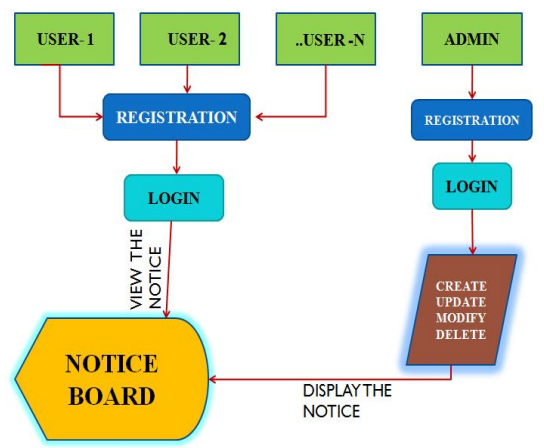


Figure 1.

MODULE 1: In this module the administrator is one who is responsible for place the notice on notice board, for that admin need to register first and enter all the information need for registration. Then after admin need to enter all the departments of college which is required to place the notice for a particular department. After enter all this information admin select the option whether to show this notice to all departments or a particular department and place notice, which will be save to SQLITE database. After placing notice only admin has authority to change or delete notice.

MODULE 2: In this module we are authenticating the users by providing username and password. If user name and password is valid then they will be taken to their screens. Students need to registered itself based on their department which will be entered by the admin and college short code

which also entered by the admin at the time of registration. And after registered students. Students are able to see the notice.

V. CONCLUSION

- Develop an android application; An android based mobile application is presented.
- It prevents wastage of time, paper and energy.
- Students can get notice on its own android device and teachers can get their meetings and extra additional notice from had to principle on its android device.

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