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E-noticeboard

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ABSTRACT

A Notice Board is a place where university or college management can place the message officially about exams, classes or any other important news. Notice boards are often made of a material such as cork to facilitate the addition and removal of paper messages or it can be done using digital devices such as computers, phones or mobile devices. The main aim of this paper is to make information dissemination much easier in a paperless community as the world tends to graduate into that line of interaction to develop the Notice Board facility as an application, for use in college administration. This paper is about the implementation of ENB to the college administration system. This work generally intends to act as a support system for the existing method by which notices are being posted in the ENB web application.

Keywords: *Notice-board, mobile*

1. INTRODUCTION

Many state-of-the-art and cutting-edge universities in the world rely on wooden notice board hanging on the wall to display announcements. The overreliance of this practice in a university is still not enough to pass relevant information around as many problems are encountered.

We consider where information is a vital key to knowing the updates of the campus. The goal of this paper is to provide the access to notices and articles quickly not only within the college premises, also wherever and whenever they need to know. Also, it looks at the development of the existing notice boards, making it run by the internet access so as to increase the rate at which relevant information is being disseminated to the public with no location restriction. The major strength of the smartphone application notice board developed, which is an online web application is that its usability is fully capable of passing relevant notices and announcements, and keeping the users updated from time to time.

Our proposed system consists of 3 module i.e. Admin Login, Staff Login and Student Login. The admin module can register staff and students, can post notices related to exam timetable, sitting arrangement and invigilation duties allotment that will be visible to both staff and student respectively. The staff module can view notices that are posted by admin and moreover can also post a message that will be visible only to students. The student module can only see notices posted by both admin and staff.

2. LITERATURE SURVEY

i. Robert P. Dick proposed GSM based smart message display board

In the last few decades, communication technology has developed by leaps and bounds. The employ of "Embedded System in Communication" has given rise to many appealing applications. There are numerous places which need very important notice to be displayed in colleges, hospitals, restaurants, shopping malls, theaters, public transportation, share-market, traffic signs, highways signs etc. However of these systems are generally hardwired, complicated in nature and not easy to expand. So, by adding wireless communication interface like GSM to those systems, we can overcome their limitations.

ii. Onkar hajare, Shekar Palkhe proposed Wi-Fi based Notification System

The main objective of this paper was to develop wireless notice board that displays messages sent from the user. Wired network connection such as Ethernet has many limitations depending on the need and type of connection. So to overcome it they used a wireless protocol 802.11b (Wi-Fi) for communication. This paper dealt with an advanced hi-tech wireless notice board.

iii. Ajinkya Gaikwad, Tej Kapadia, Manan Lakhani and Deepak kharia proposed Wireless Electronic Notice Board

In this paper, they proposed a system by which only authorized people can access the notice board using a graphical user interface. They also made the system compatible with more than one wireless technology.

iv. Wireless Electronics Display Board Using GSM Technology

This paper develops a photo type laboratory model wireless notice board system with GSM modem connected to it, which displays the desired message of the user through an SMS in a most populated or crowded places. Notice boards are one of the widely used ones ranging from primary schools to major organizations to convey messages at large.

3. PROPOSED ENOTICE -BOARD

The goal of this paper is to provide the access to notices and articles quickly not only within the college premises, also wherever and whenever they need to know. The major strength of the smart phone application notice board developed, is that its usability is fully capable of passing relevant notices and announcements, and keeping the users updated from time to time. More over android applications are more secured as compared to other application. The android system installs every android application with a unique name and group id. Each application file within the Android system is private to the generated user. In addition, each Android application is started in its own process.

4. IMPLEMENTATION

It consists of 3 parts namely, the graphical user interface, functionalities and the database management systems

We intend to run the E-Notice Board as a program that can be viewed strictly without any specific locations. For the fact that the notice board program runs on smartphones connected to the internet, information dissemination is efficient. The procedure for working of E-Notice Board includes the following steps.

Step 1: Admin will log in by giving his username and password.

Step 2: Only the admin has the privilege to add and modify the staff and students

Step 3: Admin has the right to add or delete exam timetable, sitting arrangement of students and invigilation duty of staff in e-notice board

Step 4. Staff by loging in their module can see information about their invigilation duties. Moreover, they can also post general notices which will be visible only to students

Step 5. Students by logging in their module can see exam timetable, sitting arrangement posted by admin and can also see messages/notices posted by staff.

5. PERFORMANCE ANALYSIS

The notice board program runs on the mobile application on connected to the internet, the following results are obtainable benefits: The users can get the notices being posted from anywhere in and around the campus. It acts as a medium for a quick reminder to the readers about upcoming events. The Admin and the Faculty posting the notices can post it from anywhere, as long as they have the authorized access. Notices that have expired can be referred to as they are stored in the database for a long period of time

6. CONCLUSION

The deployment of our ENB web application brings an advanced means of passing notices around in the College Campus. It has the capability to disseminate notices in a simple and well-organized manner compared to the existing paper-based wooden notice board system. With the use of the ENB, human traffic will be reduced at notice board locations since information on notice boards can be accessed electronically on any ENB. Security of notice is guaranteed as the admin and the faculty posting notices have an assigned key to do so. In general, the ENB will result in an improvement over the existing notice boards used in College Campus.

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