College Notification System
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Abstract:
Our aim is to replace the traditional notice board with E-notice board. Now no need to maintain number of accounts for sharing information and all college related news, now it will be accessible anywhere anytime just on a single click on your android device. Just install “College notification App” on your android device and you can access all notices of your college in an easy and efficient manner. Admin adds notification manager. Notification manager sends notifications related to scholarship, admission, exams, staff meeting, holidays, events, timetable, achievements and other notices to faculty and students which will be first verified by the admin. Faculty and students get their related notices and can be viewed by them. It achieves high and quick organize between instructor, faculty and students. It saves time, effort by connecting Android application to the educational database of the university using latest technologies.

Key Words: E-Notice Board, Android device, Online System, Admin, Traditional notice board, Activity.

I. INTRODUCTION

Traditional notice board requires lots of pen, paper work and also wastage of papers. Generally colleges use traditional paper based notice board, so in order to overcome the drawbacks of this traditional notice board, here we developed an Android Based Application. The college notification system applies to faculty and students. This android based application aims to notify students and faculty. The users can get the notices through E-Notice Board from anywhere in the college campus. This paper implement E-Notice Board program which can run on any computer system either by local area network or wired or wireless network. Notice boards are mostly used in schools, colleges and in other organizations to convey the message. Students are required to approach the traditional notice board every day, whereas E-notice board allows students and faculty to views notices wherever they are.

II. LITERATURE SURVEY

I. In this paper [1] titled “Web based Notification Management System with Android Application”, Lalit S. Jadhav, Tejas R. Mhade focus on the implementation of E-notice board. Now a day’s many people are having android phones. So technology comes forward to us and it is our duty to use it for our important purpose. Following these thought we developed this system. The management of accurate and up-to-date information regarding a student’s academic career is difficult and time consuming task for the schools. Now a days the information to parents regarding their ward is provided through post cards, SMS or Email, but these techniques are very much hectic time inefficient and lengthy. Hence this application provides a solution through a simple interface for maintenance of student information. This application provides a generalized solution to monitor the various works that are carried out by a school for managing it. It helps parents to get detailed information regarding to their ward such as attendance, fees due, result, progress report, important

II. In this paper [2] titled “Notification System to Students using an Android Application”, H. Riadh designed a notification system using Android application to connect it to the educational web site of the university. It provides a wide range of information about education, courses, and all about college students that help the instructor to select to whom he/she will send notifications. It also includes sending notifications, attendance, viewing academic details like exam results.

III. In this paper [3] titled “Student Notification System (SNS)”, TandraNarasimhaRao, B.Kishore Kumar developed an application that helps to all students in the college. Student Notification System is an android application which is helpful for students as well as the college management to maintain all the college information. In the existing system all the activities are done manually. It is very time consuming. In our proposed system, students can view results using their smart phones (Android). All the data will be stored in the college server. In this system, students have easy access for viewing the marks, provided their username are correct and they are not permitted to update any content in the server. Students can view all Notifications from the application directly.

IV. In this paper [4] titled “Web Based Student Information Management System”, S.R.Bharamagoudar, Geeta R.B, S.G.Totad designed a project that provides a simple interface for maintenance of student information. It can be used by educational institutes or colleges to maintain the records of students easily. The creation and management of accurate, up-to-date information regarding a students’ academic career is critically important in the university as well as colleges. Student information system deals with all kind of student details, academic related reports, college details, course details, curriculum, batch details, placement details and other resource related details too.
V. In this paper [5] titled “Android Based College Notification System”, Jadhav Komal, Sayyad Sana, Shinde Swapnali and Bhaldar Jasmin designed a project that aims to build a wireless communication between instructor and a student. Now a days there is a huge need for the innovation in the field of displaying the important announcements through the wireless based notification system. Since the use of internet is increased therefore everyone are interested in the wireless communication as because everyone spends most of the time on the mobile phones. With the typical traditional method of displaying notices on the boards does not help everyone as each user is not notified individually. Therefore our approach is to reduce the manual efforts by updating the user by sending the push or popup notifications individually by wireless communication which will help the user not present physically still he will be able to know the important notices.

III. PROBLEM STATEMENT

To design and develop an android application through which students get notifications anywhere, anytime regarding any information, activities and various events related to their college.

IV. SCOPE OF THE PROJECT

The proposed system can be used for accessing notices on android devices, students need not visit the notice board every time, and they get notifications regarding any information related to their college.

IV. OVERVIEW OF THE EXISTING SYSTEM

Existing system is fully manual. Time consumption is more for searching the information. Maintaining of data is very difficult. Students need to queue up at the notice board.

Limitations of the existing system:

1. Difficulty in report generation.
2. Lots of paper work and also wastage of papers.
3. Time consuming. Student cannot get notices on time.
4. Ones the notice displayed then difficult to update it.

V. OVERVIEW OF THE PROPOSED SYSTEM

The aim of the proposed system is to cut through the chaos and workload, by innovating the current system. The proposed system notifies each and every student and faculty with the application on his android phone, about any notices related to college events, including the other notices. It eliminates the existing issue where the student has to approach the notice board everyday and it also eliminates the pen and paper work of the instructor. In the proposed system, students get their related notifications wherever they are without visiting the notice board. The problem of out dated notices solved in the proposed system where students get their notices instantly. Out dated notifications can also be viewed anytime along with the current notifications. This approach can thereby reduce the effort of the students and save their time, which could possibly be used in a productive manner.

Advantages of the proposed system:

1. Time saving.
2. Reduces pen and paper work.
3. Students and faculty get their notifications on time.
4. Out dated notifications can also be viewed anytime.
5. Students need not queue up at the notice board.

VI. METHODOLOGY

There are four main modules in this project, they are

1. Admin module
2. Notification manager module
3. Faculty module
4. Student module

- Module 1: Admin Module
  Admin has to login with username and password, if username and password is valid admin enter into the home page. Notification manager sends notices to students and faculty which will be first verified by the admin. Admin have the authorization of view all registered students and he can Verify the all the notification Details. Admin act as an authorization of application.

- Module 2: Notification Manager Module
  Notification manager has to login with username and password, if username and password is valid notification manager enters into the home page. Notification manager adds faculty and students. He sends notifications related to scholarship, admission, holidays, events, timetable, student achievements, exams and other notifications. He also views and answers the queries sent by the students.

- Module 3: Faculty Module
  Faculty has to login with login credentials sent by the notification manager through e-mail. If username and password is valid faculty enters into the home page. Faculty views their related notifications. It has an option to query about the notices to the notification manager where they intern get answers for their queries.

- Module 4: Student Module
  Student has to login with login credentials sent by the notification manager through e-mail. If username and password is valid student enters into the home page. Student views their related notifications such as scholarship, admission, holidays, events, timetable, student achievements, exams and other notifications. It has an option to query about the notices to the notification manager where they intern get answers for their queries.
VII. DESIGN

![Data Flow Diagram]

Figure 1. Data Flow Diagram

VIII. CONCLUSION

In the modern world, the use of computers and mobile phones is becoming rampant. As a result, we need to shift from traditional notice board to E-notice board. We developed an android application called college notification system to provide college related notices directly on your android devices. This application presents a simple, convenient and efficient online notification system; thereby it reduces the effort of the students and instructor. This college notification system is a solution to all the problems related to paper based traditional notices.

IX. REFERENCES


