

E-Notice and Circular App

Shital Meshram, Surabhi Raut, Vinita Dhumne, Priyanka Sorte, Anjali Raut

BE, Department of CSE, G.H. Rasoni Institute of Engineering and Technology, Nagpur, Maharashtra, India

ABSTRACT

The notice board has always been the place where staff/students gathers to get their latest release of corporate news. E-Notice brings the notice board to a virtual location where staff/students can not only read notices, but immediately react and respond to them - from their own desks! With this electronic notice and announcement system, notification alerts may be sent out notifying staff and students that a new notice has been posted, where staff may know if it concerns him directly. In this way, e- Notice also serves as a mailing list for all employees in the directory. This eliminates the need to keep a separate mailing list which is hard to maintain due to the rapid movement of staff.

Keywords : E-notice circular app, E communication, Webserver, SQL Database, Android phones.

I. INTRODUCTION

E-Notices helps you access online notices anywhere where there is web access, such as your PC or phone through browser. It is an online notice board, circular sending system, and notify academic information according academic calendar. The notice board has always been the place where staff/students gathers to get their latest release of info on events and news. E-Notice brings the notice board to a virtual location where staff/students can not only read notices, but also can create and send new ones too from their own desks. This mobile app provides you the latest updates notification to all the students directly at any place and any time.

In this way, E-Notice also serves as a mailing list for all employees in the directory. These are the features that an Institutional E-Communication Mobile application should have:

- ✓ An electronic dashboard board for circulating information out to staff and students.
- ✓ Notices can be posted, with validation facility to

higher authorities.

- ✓ Notice administrator may push important notices in to targeted audience.
- ✓ Circulars can be circulated, with validation faculty to higher authorities. Circular administrator may copy to important circulars in to targeted audience.

Notify the academic information according to academic calendar.

The interface of this application is straightforward and it takes hardly a minute to login and get the notices. Users create their profiles, update their data, and then can view/ create notices, circulars, and specific event wise notification of academic calendar depending on their rights.

The interface of this application is very clear and takes you particular a minute to get started. Adding notes to board is simple, you simply click on the post notice button and enter the content. Users can see the post on the spot by having a notification alert in android phone. Here registration is mandatory for all the users having this application

in order they want to have notification and staying astonished.

This application can also work as a market place and lets you publicize, for example, a room to rent, a car for sale, a job opportunity, a home for sale, an recent event, an declaration, a service, and so on.

This application creates proper notice boards online. You can set boards with a custom background, title and background images. It allows users to add proper notes with text, images and videos. You can customize preferences on who can edit and view the board. Facility of drag and drop notes anywhere on the board is possible.

II. LITERATURE REVIEW

Notices and Circulars are an essential tool in organizations for information dissemination. Through these, interaction between the authorities and the people is possible. Information transfer such as upcoming events, achievements of students, news, etc. can be done through posting on notice board. But, this singular board and area surrounding the board becomes heavily crowded. Students rush to view new notices, timetable, lists etc. Sometimes, due to the heavy dependency of printed materials, the notices cannot be produced on time due to hardware failures or lack of paper. Printing costs, paper wastage, board maintenance costs, etc. are unnecessary and can be avoided if such digital platform is implemented. On holidays, notices could be circulated easily to concerned people as they will be digitally transferred and available at home also. Faster availability of information, better format ability and no high maintenance costs make this an ideal replacement system.

Leave management system can give facilities to user to apply for the leave to their respective assigned authority. In this system, Attendance tracking, approval management and get a count to user that

how many leaves are remaining? Students and faculties can able to add their own week off days and holidays also can add description to their leave.

All academic information of academic calendar can be notify to the users.

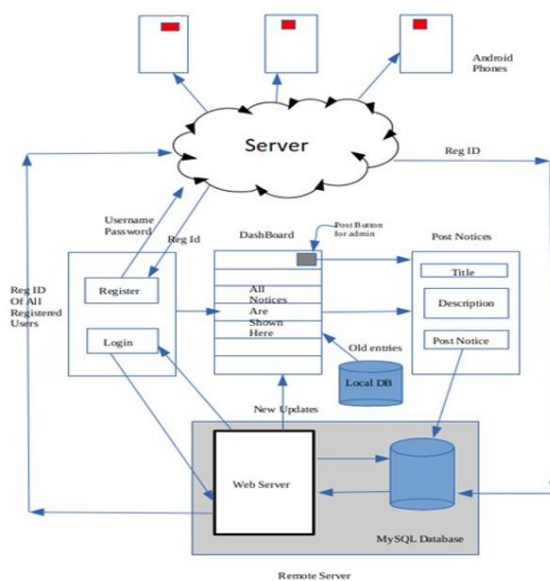
Report by Priyanka Kapoor on E-Notices:

E-Notice app helps you access online notices on your mobile phone. It is a online notice board maker where a group of people can easily interact with each other by protruding.

virtual notes. These notes can have text, images or include online videos such as from you tube. The notice board has always been the place where staffs/students gather to get their latest release of information.

E-notices and circulars app brings the notice board to a virtual location where staffs/students can perform this activity digitally. With this electronic notice and announcement systems, notification may be sent out notifying staff that a new notice has been posted. This eliminates the need to keep a separate mailing list that is hard to maintain due to the rapid movement of staff.

III. BLOCK DIAGRAM



IV. PROPOSED SYSTEM

The proposed System has following main modules:

Higher Authority Module

The Higher Authority module consults to higher authorities and database administrators for the data. This module is for Principal, CEO, Dean, Head of Department, etc. They can CREATE, VIEW, DELETE from server, UPDATE notices. Have Forward Facility of Circulars. They also have VALIDATION access to notices.

Faculty Module

The Faculty module tends to the Teachers of all departments. These teachers will be able to CREATE, VIEW, DELETE from server, UPDATE E-notices. The constraint is notices created by faculty will not be shared to students directly, rather it will be first shared to HOD and only after the approval of HOD it will be shared with the Students.

Student Module

The Student module tends to the students, where they can only VIEW notices.

V. ADVANTAGES OF PROPOSED SYSTEM

Proposed System will be able to do the following:

1. To eliminate wastage of time and energy:

e-Notice app will be able to consume lot of paper and time. It directs both teacher and student energy and attention to one thing at a time by placing proper persons at their actually deserve places at the proper time. Everything will be possible.

2. To avoid duplication and overlapping:

This application will help to eliminate the duplicity of notices. Only one person, who is admin can send the

notice. No one else would be authority to do so. Thus, student and staff will be given proper information all the time.

3. To provide guarantee due to student to each and every notice:

e-Notice App ensures that everyone has a particular type of attention to every notice and changes going on in college. There will be a drone at each and every notice to make the attention of student to check it once. In this way, students will be well guided about their college activities.

4. To bring system into college life:

It would be dire need of all colleges as its simplest and easy method to tell all the students. In the absence of proper notification system will make it very difficult to tell students at correct time.

5. Searching a particular Notice:

This application allows you search the notice very simply through name of notice. If anyone don't remember about the notice details, he can search it out very simply.

6. Free Service:

It gives free service to informed all the students. There will be no money required for sending notification to all. Just have the good system developed in college and that too free of any charges.

7. Prevent Crowd in College As you can see, there is always a many student at notice board. As notice board is one, and people to see notice are lot. With this application there will be no more people at notice board. Everyone will be easily get the notice even at their homes. So they are available to do there own work.

8. Automatically Updated Dashboard:

The dashboard of notice is automatically changed when a new message comes. The user can himself refresh the dashboard to see any new notice arrive or not.

9. Anytime Anywhere Service:

With this application, notices will be received anytime and at any place. There is no restriction of any factor to send a notice.

10. Keeping Notices at one place:

This application guarantee you that notices are not here and there. If there is an attachment with that, all will be placed in separate folder dedicated to that application. So there will be lost of notice.

VI. SYSTEM DESIGN

The system design can be properly explained from the following diagrams: Use Case Diagram:

A Use Case diagram at its easiest is a representation of a user's interaction with the system and depicting the specifications of a use case. A use case diagram can describes the different types of users of a system and the various ways that they communicate with the system. This type of diagram is typically used in joining with the textual use case and will often be accompanied by or types of diagrams as well. There are two types of user in this digital system, user and admin. Following depicts their use case diagram:

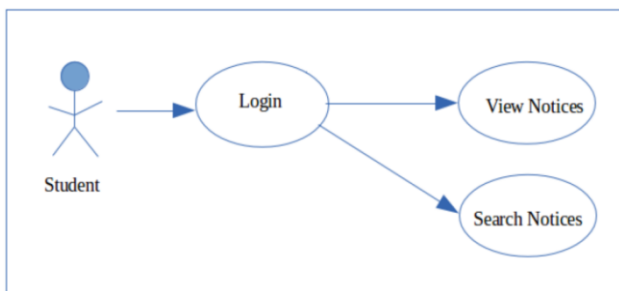


Figure 1 : Use Case Diagram for Student

This diagram is showing what a normal user can do with this application. The user can login, after that he can view the notices, delete the notices and can search for particular notices.

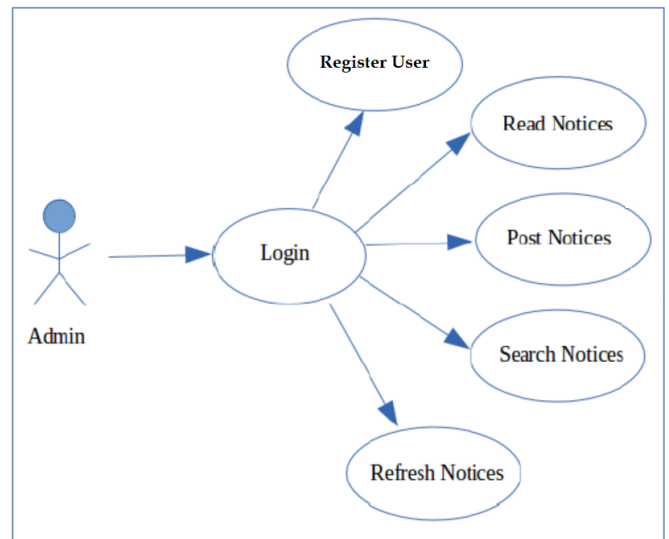


Figure 2 : Use Case for Admin

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