A survey on android based instant notification system

A.A.Nawalkhede [1], V.S. Sarag [2], R.D. Shinde [3], G.D. Taralkar [4]

[1] Student, BE, Information Technology. Engg., JSCOE, Pune, India
[2] Student, BE, Information Technology. Engg., JSCOE, Pune, India
[3] *Student, BE, Information Technology. Engg., JSCOE, Pune, India*
[4]*Student, BE, Information Technology. Engg., JSCOE, Pune, India*

---***---

Abstract - As We all know that the world is in different way of stage Because It is about generation of computer mobile computing it is one of the Best way to consume time, People life is to much hurrlyburrly they dont have time to visit anywhere, there are more than 6 billion users around the globe. The mobile phones around us are the combination of software and hardware. The hardware is the hardest part of device and the software are the governor of the hardware. There are different OS for mobile among them we are going to pick one out of three, They are android OS, iOS and windows phone OS. Android OS is an open source operating system used in android mobiles. To physically visit notice boards can be tedious. This may result in delays and misinformation. To overcome this we have come-up with an idea that will bring notices to you, anytime, anywhere. The purpose behind selecting Android is its flexibility and simplicity. It is an end-to-end software platform that can be adapted to work on any configuration. By taking an advantage of this application students can get notifications on their cell phone. An authorised person (the one who post the Notice) will not only send the notice but also attach any document. It also provide feature to adjust font, font colour, change text type, highlighting text and sorting (automated). The application is designed in such a way that only specific branch of students will get notice. When an authorised person of particular department will sends it.

Keywords— Pop-up Notification, Notice storage and Retrieval ,Profile ,Privacy Protection, Sharing of Notices.

1.INTRODUCTION

Enotice Application it is fluke for students and staff all are can acess this application through via mobile phone ,there is no need to go and visit physically anywhere to visit the notice board with the help of this application students and staff will get all notifications regarding studies, institute and also they will get all updates about college department and Corporate.It is helpfull for all updates and notification, it is simply way to convey message for students and staff. It is best facility to everyone because at one click students and staff can get all notice, updates and Information. This system applied in educational institutes as an online path of notice board and sharing system that can access and use anytime anywhere thats means all in you are hand. It is about virtual system that everyone can use this application anywhere, simply we can check mails and it is easy way to access and fill any application form regarding college and studies.

In todays world,everything is digitalized and paper is being used less every days and our application is also useful and helpful for reducing paper works in school, colleges, private and government orgizations. This Application one step towards "Go Green , Save Trees...!".

These are the some features of eNotice Application should have:

1)Notice can be posted with response obtained instantly as pop-up notification like whats application.

2)Notice administrator can push all important notices in to selected staffs email.

3) Notice administrator can create any notice category.

4)Advanced dashboard for updates all information out of staff and students.

1.1 LITERATURE SURVEY

Now all leading organizations, excepting a few, currently lack an electronic noticeboard system. Through some have taken the help of third-party website like Gmail to interact, it comes all the cost of mixing one's social life with professional. Keeping this in a mind, educational institutes will find this software extremely useful. There are dedicated file hosting sites and clouds used by some institution, But there is a definite need for a dedicated noticeboard application.

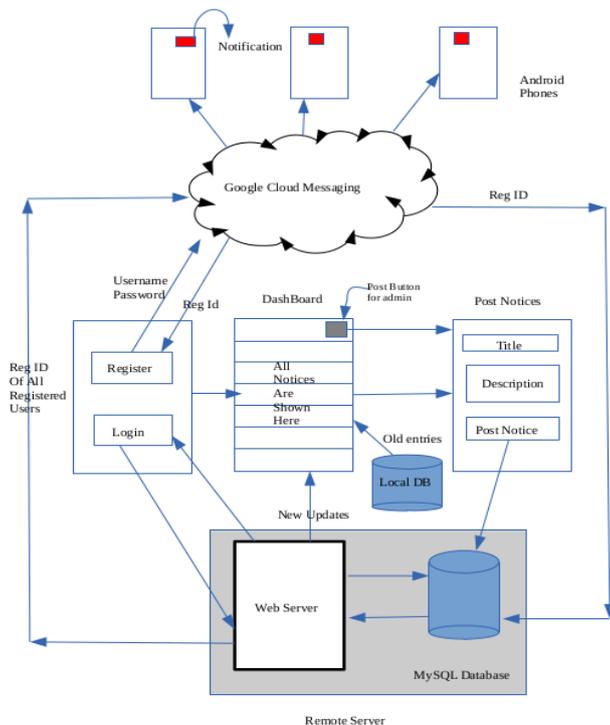| APP NAME	Features	Drawbacks	User friendly	Common Issues	Develop By
1)Notice Board	1)Push Notification Only	1)Offline use not Allowed 2)Shearing Notice option not available 3)To post notice Admin need to login Website 4)Search Option not available.	No	1)Connectivity Problem	Remote squod
2)Virtual Notice Board	1)Push Notification System 2)Dashboard View 3)Shearing Options is present	1)Full view is not available. 2)Refresh Options is not available. 3)Search Option is not available.	yes	1)Connectivity Problem. 2)Error When loading the notices.	The Scareer ow
3)I Notice Board Amroli	1)Push Notification System. 2)Dashboard view 3)categories wise notice	1)full view is not available. 2)No Refresh Option	Yes	1)App frequently crashes.	Skylabs Game.

2. Proposed Architecture

Fig -1: proposed architecture

We proposed our idea of instant notification which will help the students to see any organizations related notices on their smart phones and it will save their time to go and see notice on the notice board. Also for teaching staff it will be easy to load the notices or any information related to organization. Students can see, download all kinds of forms like scholarship, freeship etc and it can be done sitting at one place having the smart phones and our app in it. Our aim is to make it easy for the college organization to provide all the notices quickly. We are trying to overcome the disadvantage of existing system which consist of communication using blutooth. We are using internet as a medium for communication. Our system will be easy to use and manage also.

2.1 Advantages

a) Get all important notices.

b) Get semester Result.

c) Get all Timetables.

d) Get Upcoming Events, Compitations and Birthdays.

3. Future Scope

In future our system will also be used for various sectors like school, colleges, government offices and large and small organizations ,etc.

4. CONCLUSIONS

This system is going to help for getting important updates from colleges anytime anywhere and Every student or staff is awared about all on going activities in colleges. This will lead to make every person well informed about the notices.

REFERENCES

[1] Android Book. Wei-Meng Lee, Android 4 Application Development, John Wiley Sons, Inc., 2012

[2] Basic Android Tutorials, available at http://www.tutorialspoint.com/android.

[3] Android Development Tutorials, available at http://www.developer.android.com.

[4] J. S. Lee, "Performance Evaluation of IEEE 802.15.4 for Low-Rate Wireless Personal Area Networks", IEEE Transactions on Consumer Electronics, vol. 52, no. 3, pp. 742-749 , August 2006.

[5] J. S. Lee, Y. W. Su, and C. C. Shen, "A Comparative Study of Wireless Protocols: Bluetooth, UWB, ZigBee, and Wi-Fi", Proceedings of the 33rd Annual Conference of the IEEE Industrial Electronics Society (IECON), pp. 46-51, November 2007.

[6] J. S. Lee and Y. C. Huang, "ITRI ZBnode: A ZigBee/IEEE 802.15.4 Plat- form for Wireless Sensor Networks", Proceedings of IEEE International Conference on

Systems, Man, and Cybernetics, Taipei, Taiwan, vol. 2, pp. 1462-1467, October 2006

BIOGRAPHIES

A.A Nawalkhede pursuing B.E. in Information Technology, JSCOE

V.S Sarag pursuing B.E. in Information Technology, JSCOE

R.D Shinde pursuing B.E. in Information Technology, JSCOE

G.D Taralkar pursuing B.E. in Information Technology, JSCOE