



iJRASET

International Journal For Research in
Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 5 Issue: III Month of publication: March 2017

DOI: <http://doi.org/10.22214/ijraset.2017.3102>

www.ijraset.com

Call: ☎ 08813907089

E-mail ID: ijraset@gmail.com

Survey Paper for Result Alert System

Ms. Urja Upadhyay¹, Ms. Disha Jaiswal², Ms. Neha Kumari³

^{1,2,3}Department of Computer Science Engineering

Smt. RajshreeMulak College of Engineering for Women, Nagpur, India.

Abstract: *Students have to search the internet each time to know about any news updates like payments, result etc. in the college website. In our project, we will implement E-mail & SMS technology for the fast and reliable procurement of exam result and time-table. Now even after the acknowledgment of exam result by college, the students have to wait for some time to get their result details. We will try to solve this problem through Result Alert System which will use E-mail and SMS to provide exam results to the students. The system is develop so that students do not miss out on any alert and save their valuable time. Every student of the college can register in this system to access this service. The latest news from the college website are sends update to the registered students, only the registered students will receive the notification.*

Keywords: *RAS-Result Alert System, SMS-Short Message Service, MMS-Multimedia Messaging Service, PDU- Protocol Data Unit, CSS-Cascading Style Sheets.*

I. INTRODUCTION

Now a day, mobile phones and internet are essential factor of our daily life. This reality played a very important role in coming up with and the proposed result alert system. We implemented Email and SMS technology in this proposed project to get exam result quickly and efficiently. The major advantage of this system offers is that students can receive valuable information easily and conveniently. Presently students who written exam to need to wait for long time to get their exam results. To solve their problem we are developed the new system with Email and SMS. Education sector is not left out in this growing development. There are a lot of things which we can do with these technologies. The rapid development of mobile phones services like the Short Messaging Service (SMS), Email which are readily available. The availability of such communication mediums are necessary. SMS and Email plays an important role in the implementation of this system. The students must give Email ID and mobile number when they are making registration for the exam. Student result will be sent in email box automatically. This system will send student exam result status as SMS in mobile number. SMS and Email has become important service today due to their usefulness to convey information from one place to another in a very fast and easy way. In this RAS the students can get to know their exam result through SMS and Email quickly.

II. LITERATURE SURVEY

A. Content Alert System

This paper is a case study of a semi- automated content alert system implemented at two university libraries.

Various mobile services.

Short Message Service(SMS).

It is one of the most popular services widely used all over the world. The project initiated at these libraries were intended to use the SMS service to provide an effective content alert system with very little cost impact on the libraries and at the same time aimed to increases of library resources. The project run into two phases. The first phase a successful content was tried and tested on completion of the project a prototype was developed. In the second phase a similar content alert service was established with a larger user group. The alerts are generated from a number publisher and SMS's are generated to the patrons. This paper describes in detail the background, details of the project, the methods use find the projects.

B. Campus Announcement

It is an emergency notification system that enables students, parents, members of the faculty and professional staff to receive updates and campus alerts with the help of SMS and email. Campus announcement is a web based emergency notification system that enables college and university administrators to send emergency alert from one easy to use interface. This sophisticated

International Journal for Research in Applied Science & Engineering Technology (IJRASET)

technology is part of Campus Announcement's strategy to enhance emergency campus communications. Ensure every individual receives the same campus alert quickly and effortlessly during an emergency. Requiring no software, hardware, or integration, our unified emergency alert system enables you to communicate with your entire campus community in minutes. Those communication channels most popular in the students. Our goal is to increase safety on colleges and university campuses across the country. SMS text messaging, Email, voice and Desktop alert. This system is very fast. The Campus Announcement emergency notification system recognizes the importance of communicating quickly and effectively. Enjoy unlimited emergency campus alert messaging from the Campus Announcement emergency notification system across these four communication channels. From any location, you can deploy concise, time sensitive messaging that will help contain restore and manage campus safety. In sometimes some students not aware about campus then use this system. Then sent the announcement in the form of SMS and Email. In campus announcement's quick and reliable emergency notification system will delivery your message. All four channels of communication that resonate your community will relationship with your students and staffs and have a more engaged community.

C. SMS on Web Based

All level of users, including higher education students have a mobile phone as one of their communication device choice. This paper presents the integration of short message service application programming interface in a web based student support service system. This paper explores then adoption of web based SMS system to measure the usability and effectiveness of this broadcast communication option in disseminating information among students and lecturers. University would facilities two-way communication between the students and faculty and other stakeholders. It aims to keep in contact with students and deliver significant information arising from the university using SMS facility offering auto reply feature. Prototype was developed by adopting iterative software development process. Based on the survey, the respondents highly accepted the develop system. The manner of disseminating would become speedy, timely and appropriate. The system in an academic would result to paperless capturing, speedy recording and filling of student record. SMS is a single to single or single to multiple communication. It is also called as broadcast communication. SMS is a social technology and has become a popular communication utility among as. Text alert system application by utilizing web-based portal and Short Messaging Services (SMS).

D. Parents Alert System

Results of user evaluation on the Parents Alert System is a usefulness. Ease of Use on two groups of participant: who own mobile phone. And the others who do not own mobile phone. Use on the two groups. Option of web based SMS system to measure the usability and effectiveness of this broadcast The wireless technology is the most interesting technology information and communication technology (ICT). Alert system has widely used in many technology. Instant alert for school is an essential tool for notification and communication. Within minutes of an emergency, school officials can use instant. The study aims to design a web-based attendance system to help the teachers and parents to control the students if they absent from the school Parents alert can also be used to notify you of a school closing due to inclement weather. Alert to deliver a single, clear message to the student's. Parents can log onto their profile at any time to update their contact information. Maintaining the accuracy of their profile will increase the ability of the school to keep you informed. The Parent Alert System (PAS) prototype is introduced to be used by the teachers in high schools. Charging scheme for SMS is out of the study scope. The system covers two main functionalities:

To get the attendance information of the students.

The second one is to send SMS to the parents if their son/daughter is absent to alert them.

The adapted methodology comprises five steps that are:

- 1) Awareness the problem.
- 2) Suggestion.
- 3) Development.
- 4) Evaluation.
- 5) Conclusion.

Communication option in disseminating information among students and lecturers.

International Journal for Research in Applied Science & Engineering Technology (IJRASET)

E. SMS-Based Event Notification System

An SMS gateway allows a computer to send or receive Short Message Service (SMS) transmissions to a form of telecommunication network. Most messages are eventually routed into the mobile phones networks. The new system should alleviate all the drawbacks of the old system and improve. Also, some SMS gateways support scheduling of SMS message to be sent at a later time and date, others do not support it. SMS and Email are easy to convey the message. Students must be reached through an SMS message as well as Email. Their mobile number and Email addresses should be retrieved from active directory. Students are not alert about any results then this system is supported. This system will notify about any result or any updates. This study has successfully designed and developed an enterprise class mass SMS mailing system that support multiple users as well as multiple SMS gateways, providing a unified interface. Another major feature provided by the new system is the introduction of SMS message scheduling. Many SMS gateways support media conversion from Email and other formats. This feature makes SMS message scheduling possible across all SMS gateways including those that do not internally support scheduling. It must be possible to determine whether to schedule event hours or days in advance. It is possible to determine whether a notification was received.

III. CONCLUSION

System with Email and SMS is an innovative addition to the education sector. It makes the availability of results and grades a lot easier and efficient. Also it makes Email and SMS technology relevant in educational sector. The project entitled "Result Alert System" has been completed. The system has been developed with much care that it is free of errors and at the same time it is efficient and less time consuming. The purpose of this project was to send SMS and mail alert to the students. When there is any new update in the college website and also provide facilities for selecting required notification. The designed system maximizes the use of admin user module and SMS and Email technology.

REFERENCES

- [1] Jacobs, M L. (2009) Libraries and the mobile revolution: remediation = relevance. 37 (3) pp. 286-290.
- [2] Murthy, M. V. R. (2008). Mobile based primary health care system for rural India. W3C workshop on Role of Mobile Technologies in Fostering Social Development, Jun 2008. Wavecom, "AT Commands Interface Guide for AT x41", September 2004, <http://www.wavecom.com>.
- [3] Free C, Phillips G, Felix L, Galli L, Patel V, et al. (2010) The effectiveness of M-health technologies for improving health and health services: a systematic review protocol. *pidemiol Rev* 32: 56-69.
- [4] Reference Cole-Lewis H, Kershaw T (2010) Text Messaging as a Tool for Behavior Change in Disease Prevention and Management. *BMC Research Notes* 250 [5] [Infotech.monash.edu/promotion/.../projects/carparksms/literaturereview.doc](http://infotech.monash.edu/promotion/.../projects/carparksms/literaturereview.doc) Krishna S, Boren SA, Balas EA (2009) Healthcare via Cell Phones: Systematic Review. *Telemed J E Health* 15: 231-240.
- [5] L. Naismith, (2007). Using text messaging to support administrative communication in higher education. *Active Learning in Higher Education*, Vol 8, 155-171.
- [6] L. Smith & H. Roth (2003) Retrieved on 11 August 2005 Masoud, H., Masoud, A (2012); The Pedagogical Applications of Using Short Message System (SMS) in Language Learning Classes, *International Journal of Academic Research in Progressive Education and Development*, Vol. 1, No. 1 Pankaj, K. J., (2011);
- [7] SMS Based Information Systems S. Pramsane, & R. Sanjaya, (2006).
- [8] Mobile education services based on SMS and their architecture comparison. Proceedings of the Third International Conference on eLearning for Knowledge-based Society S. (2009) The development of a SMS-based teaching and learning system.
- [9] Journal of Educational Technology Development and Exchange, 2(1), 113-124. Traxler, J. (2005).
- [10] Case studies: Introduction and overview. In A. Kukulska-Hulme and J. Traxler (Eds), *Mobile learning: A handbook for educators and trainers* (pp 70-75). London: Routledge
- [11] Wei J, Hollin I, Kachnowski S (2011) A review of the use of mobile phone text messaging in clinical and healthy behaviour interventions. *J Telemed Telecare* 17: 41-48.

International Journal for Research in Applied Science & Engineering Technology (IJRASET)



10.22214/IJRASET



45.98



IMPACT FACTOR:
7.129



IMPACT FACTOR:
7.429



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089  (24*7 Support on Whatsapp)