



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.2017.3104>

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

Implementation Paper of Result Alert System

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Abstract: The development of mobile network communication system, users have been proposed with lots of services such as ability to send SMS, Video, Data files, Images etc. This process described the implementation of the result alert system that easily provides examination results to student with the use of email and SMS technology. The implementation of the Result Alert System will allow registered students who access their results, including past results, provided they are available in the system's data base. Result Alert System will run in two phases. In the first phase a successful content alert system will run. On successful completion of the project a template will be developed. Using the template the second phase of the project will be design. In the second phase a similar content alert system will be established with a larger user group and the alerts will be generated from a number of publishers and SMS's will sent to the number of students. So that the students can easily access their results and time-tables, with the use of E-mail and SMS technology through their mobile phones and devices.

Keywords—RAS-Result alert system, SMS-Short Message Service, PDU-Protocol Data Unit, CSS-Cascading Style Sheet, PHP-Hypertext Preprocessor, API-Application Program Interface, MMS-Multimedia Messaging Services, GSM-Global System for Mobile.

I. INTRODUCTION

We are living in the epoch of information revolution, with a lot of technical devices such as computers and mobile devices growing everywhere thereby making it easy for information to be imparted, and the education zone is not left out in this sprouting development. Computers and mobile phones have become an inevitable part of our lives. There are a lot of things which we can do with all these different and usable technologies. With the swift or quick development of mobile phones, come several services like the Short Messaging Service (SMS), Multimedia Messaging Service (MMS) and others, which are easily available and add to the usefulness of mobile phones. The accessibility of such communication mediums in any institution makes it option for information to be passed on to students as soon as they are vacant.

Result Alert System is a system that can be used to surmount the limitations most of our institutions of higher learning phase in making the examination results and grades accessible to students. The major vantage of this system offers is that the students can receive worthy information on the fly, readily and conveniently. SMS and E-mail play a major role in the implementation of this system. SMS and E-mail have become an important services today resulting from their usefulness in conveying information from one place to another place in a very fast and relaxed way.

II. PROPOSEDWORK

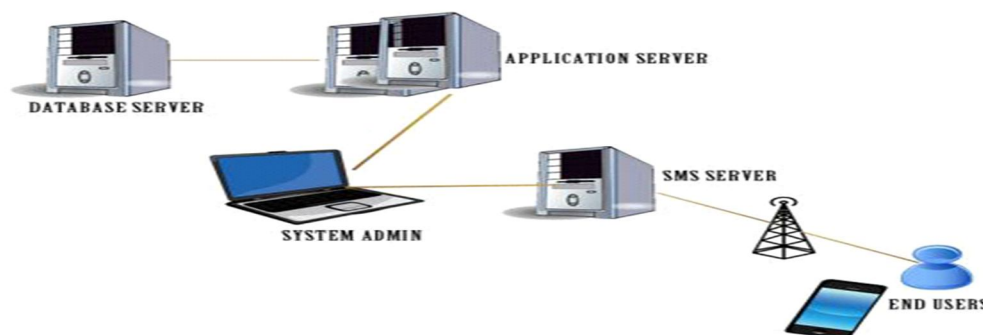


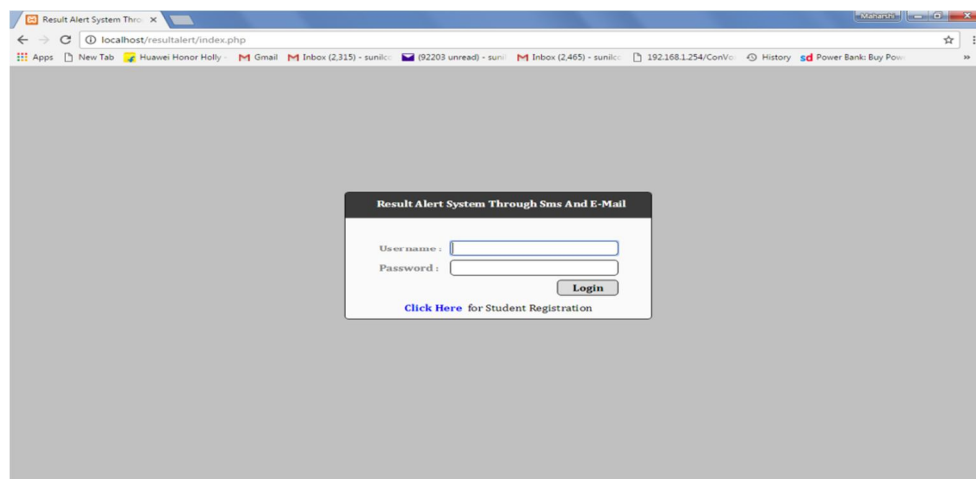
Figure 1: System Architecture.

The diagram in Figure 1 shows the system architecture of the result alert system

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A. Admin

This will handle all the system of alert generation. This information will send to GSM modem via GSM network. This software firstly converts messages from PDU mode to text mode then saves it in database.

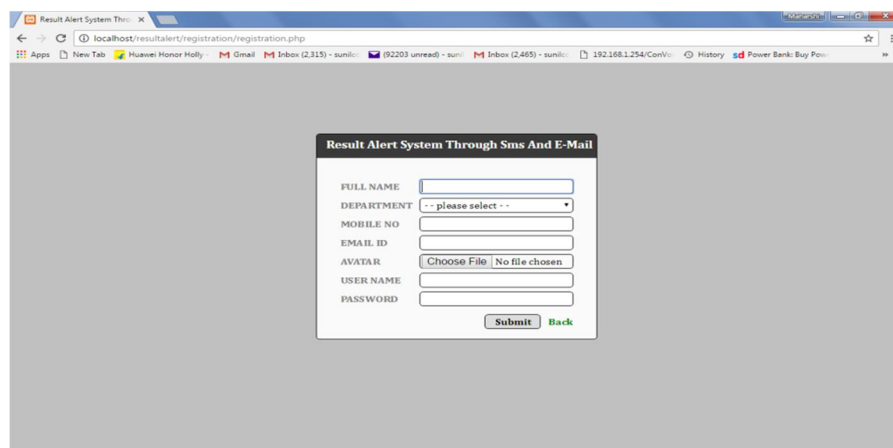


B. Database

All examination results are stored in the database. In this interaction, SMS gateway sends the senders information to the system application for the validation. This validation process is done by comparing the received information with student information in the database.

C. End User

Finally, the GSM modem sends the message to the student. End user will get the alert generated by the admin which is in email and text SMS form.



III. CONCLUSION

In previous system, we do not get result at a time. In our proposed system, the result alert will give via E-mail and SMS. This is an innovative addition in the education sector. It makes the availability of results and grades easier and efficient for access. Digital scheme are used with help of Email and SMS technology relevant in education sector.

This system gives result alert through the Email and SMS. In previous system, result may be not shown by the students because of poor internet speed. Many students are not aware of when the result has been declared. In proposed system this all drawbacks are cover and so that students can easily get the result via Email and SMS without being a part of poor internet speed or connection. Students simply get their result by text mode on their respective mobile phones and by their Email Id.

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IV. FUTURE SCOPE

- A. In future we can use for events notification.
- B. In future voice call also will be send of 30-40 sec as alert.
- C. Web application will be used for big institute or firm.

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