# PUPIL UPSHOTS

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## ABSTRACT

The main aim of this application is , it conveniently provides examination results to students with the use of SMS technology via mobile phone. Mobile phones and devices are necessary asserts, most especially to students as it makes communicator and the spread of information a lot easier with the advent of mobile communication system. With the advent of mobile network communication , users have been offered lots of services such as design and implementation of this application that conveniently provides examination results to students with the use of SMS technology.This application takes advantage of the technology called Short Message Service (SMS).By using this application students can receive their results through message. Hence this application name is "Pupil Upshots", which is nothing but student results.

## INTRODUCTION

"Pupil Upshots" is used for calculate the marks and displaying the results. By using this application the students and the faculty can have an easy access for viewing the marks. The students can only view the marks if their faculty's authentications are correct. They do not have the permission to change or update the marks.The major advantage this system offers is that students can receive valuable information on the fly, easily and conveniently. SMS play a major role in the implementation of this system. SMS email have become important services today due to their usefulness in conveying information from one place to another in a very fast and easy way.

## FUNCTIONALITIES

**a.** reporting of student data
**b.** Handling inquiries from prospective students
**c.** Enrolling new students and enabling online scheduling
d. Communicating student details to parents or other persons authorized by the student, through a portal.

## Modules

USER:The operations performed by the user are viewing message and viewing the marks of the user.

ADMIN:The functions performed by the admin are choosing the number of a student ,entering marks and sending message .

## RELATED WORK

The result alert system with email and SMS was designed to work as an online application or software. The system was designed to have a point of Entry which is to be used by the Administrator with the login privilege and role granted.

The Administrator is responsible for the following: registration of students, result upload for registered students and generating alert reports to all concerned students when new result updates are available. These alerts would be sent to the phone number of the students.The result alert system should be adopted by the university, various departments can also adopt the system as it would help availability of result and also help in reducing the paper work involved in compiling and storing results.

## EXISTING SYSTEM

Most Institutions make use of a web based platform to provide Examination results to their students when it is available; this is a common practice by various Universities. The students provide certain information before they are able to access their results as this provides protection from unauthorized access. Web based platforms (websites) are readily available platforms and can provide various options such as saving and printing. But this platform becomes inaccessible if the user has no access to the internet.

## Disadvantages

1. The former has slow transmission speed (about 6 messages per minute), while the later is very fast .
2. Unlike paper results , it is difficult to be stamped .
3. It is difficult to be noticed whether the message is right or wrong.
4. This system is not flexible.
5. Not user-friendly.

## PROPOSED WORK

The system uses the short messaging service (SMS), which leverages the readily available infrastructure provided by GSM operators to provide a means of cheap and fast communication

between the students and the university. Although a few SMS result checking system already implement the use of password.This system implements the same form of security, and further provides access to new and old results.It also provides two options of requesting for examination result. This application described here is deployed as a dependent service; this implies that the server (with the SMS application) has a phone with a standard SIM card connected to it.

### Advantages

1. Convenience
2. Accessibility
3. Portability
4. Cheaper.
5. Highly flexible, easy to manage and maintain.
6. User-friendly.

## IMPLEMENTATION

Implementation is the stage of the project when the theoretical design is turned out into a working system. Thus it can be considered to be the most critical stage in achieving a successful new system and in giving the user, confidence that the new system will work and be effective.The implementation stage involves careful planning, investigation of the existing system and it's constraints on implementation, designing of methods to achieve change over and evaluation of change over methods.To use this system as an independent SMS service, the university must provide the necessary hardware and software requirement, which primarily are: a mobile phone with modem that supports communication with a computer, and a supported SIM card.

### Software Requirements

The software used for the development of the project is:

- Operating system        :Windows, Android, Linux
- Technology              : Android
- Emulators               : AVD
- Tools used              : Android SDK Tools,
                            Android platform Tools

### Minimal Hardware Requirements

The hardware used for the development of the project is:

- Processor               : Intel Pentium- IV

- RAM                     : 2 GB
- Monitor                 : 15 inches color
- Keyboard                : Optical
- Mouse                   : Optical

## SYSTEM ARCHITECTURE
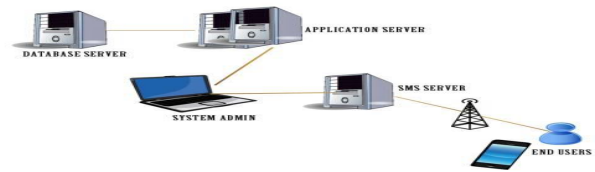


## FUTURE SCOPE

The "Pupil Upshots" can be fully integrated into existing information systems like the school's web system, such that the application leverages existing hardware systems and components like databases etc. The system can also be adapted as means of dissemination short information quickly, and performing activities like evaluation. Additional study is also done to consider how the system can be further secured, and further research work is carried out on SMS and it application. One of such is the use of SMS as a communication tool between computers where a computer network connection is not feasible either with cables or wireless.

## CONCLUSION

"Pupil Upshots" is an innovative addition to the education sector, as it makes the availability of results and grades a lot easier and efficient. The number of mobile phone users is daily on the increase, and mobile phones complete our clothing today. Also it makes Email and SMS technology relevant in Educational sector. Finally, most parents, guardians or sponsors who are not computer literate and not familiar with the use of the internet, will be probably comfortable with receiving SMS.

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