A Survey: SMS Based Student Intimation System

Ruchi Yadav¹, Pradnya Ramteke², Anjali Wanjari³, Abha Dongre⁴, & Prashant Verma⁵
Department of Computer Science and Engineering, ITM college of Engineering

Abstract: It is a real time monitoring system which allows parents to check attendance and academics records of their ward. It also helps to college administrative people to maintain student related information. It is a time consuming task to check each and every student attendance to the parent. This project gives the information to the parent about their wards like attendance, examination schedules notifications. Mobile phone seems to be an asset most individuals’ posses, and take almost everywhere with them, it is therefore a highly effective means of bringing information to them faster, easily and on the move.

1. Introduction

Parents/caretakers of the students studying in colleges/schools need a lot of information about their children like attendance, examination schedules, examination results, notifications, due particulars and library books due dates. Unfortunately, there are only two ways are obtaining this information by the parents/caretakers in the current day situation either call the college administrative department or go to the college personally to obtain that information. Both the options are time consuming and cause unnecessary inconvenience to the parents/caretakers. This project deals with development of education services based on short message service (SMS). Here the student is intimated about any information by the parents/caretakers in the current day situation either call the college administrative department or go to the college personally to obtain that information. Both the options are time consuming and cause unnecessary inconvenience to the parents/caretakers. This project deals with development of education services based on short message service (SMS). Here the student is intimated about any information by the parents/caretakers. This project deals with development of education services based on short message service (SMS). Here the student is intimated about any information by the parents/caretakers.

2. System model

When we evaluated the systems to understand the functional aspects, we found they represent either the applied research work or the core research. Both types of systems are developed by the developers, researchers of industries, academics and government sectors. Thus it is necessary to distinguish these systems on the basis of their domains with respect to the goals set for their development. Analysis of the functional model with respect to these identified system classes is then used to extract the open issues in this research fields. The classification of these systems is presented in this section as follows.

1. Login form model:
   In this model, there are two fields first is a username or email address field and second is password field where users entered the name or email address and password as per requirement.

2. Main form model:
   After log into the account, the main window will appear. In the main window there are student master and SMS management child window of the MDI form.

3. Registration form model:
   After clicking on student master from menu the student master list will appear. Here the list of notes display registration and admission. When we click on the registration from student master the student registration window will appear. This window will help...
to store the basic information of the students into the database.

4. Admission form model:
   After clicking on student master from menu the student master list will appear. Here the list of notes display registration and admission. When we click on the admission from student master a window will appear. This window will help to store all the information of the students into the database.

5. SMS Sending form model:
   After log into the account the main window will appear. When we click onto SMS management a window will appear named as sending SMS. In this form we fetch data from database and then send SMS to a particular student or a group of students or a particular branch or to the parents.

![Flow Chart](image)

**Fig. 2 Flow Chart**

3. Analysis

Nowadays mobile communication is a necessity as one of the ways of acquiring information. All level of users, including higher education students have a mobile phone as one of their communication device choice. This paper explores the adoption of web based SMS system to measure the usability and effectiveness of this broadcast communication option in disseminating information among students and lecturers. Prototype was developed by adopting iterative software development process- RUP.

4. Advantage

1. Student can easily get any information or notification issue in college which doesn’t require any room physically.

2. Provides effective communication channel between the college and the student.

3. Availability of information from a single code.

4. The student will get their test score also in a through SMS.

5. Without any time delay student’s marks are send through the SMS on their mobile

6. Monitoring student-related activities.

5. Application

1. Students/parents easily get latest update of the college

2. Easy retrieval of information.

3. Easily notes and assignment providing.

4. User friendly screens to enter the data.

5. Portable and flexible for further enhance.

6. Web enabled.

6. Conclusion

As academics are one of the most important aspects in life, it is extremely important for educational institutes to provide effective and timely services to the students concerning general student affairs. This paper introduces an approach for implementing such services quickly through a low cost computer application. The application uses the Short Message Service (SMS) feature that is widely available in every mobile phone, which makes it one of the most efficient methods of communication. Use of Automated Short Message Services for communication between educational institutes and its students is an efficient and simple approach for students to keep track of their academic progress and other on campus activities, saving time and stress for the students as well as faculty members.

7. References


[15] Sreangsu Acharyya , University of Texas, Austin , Sumit Negi IBM Indian Research Lab , L.V. Subramaniam IBM Indian Research Lab Shourya Roy IBM Indian Research Lab , “Unsupervised Learning of Multilingual Short Message Service (SMS) Dialect From Noisy Examples”.