

An SMS Portal for Students

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ABSTRACT

It is a real-time observing system, which enables the user to check attendance and academic records of their ward. It likewise serves to school administrative people to maintain student-related information. It is tedious undertaking to check every single understudy attendance to the parent. This task gives the data to the parent about their wards like attendance, examination plans notices. The cell phone is by all accounts an advantage most people's gangs, and take wherever with them, it is in this way a very powerful method for conveying data to them quicker, effectively and moving.

Keywords : Student Information, School, SMS Portal, Attendance

I. INTRODUCTION

Parents or guardians of the students concentrating in school or establishments need many insights about their adolescents like participation, test plans, test results, notices, due subtleties and library books due dates. Lamentably, there are most straightforward just two different ways for getting this information by the method for the parents or guardians inside the advancement day situation either through telephonic contact to the school regulatory division or go to the college as I would see it to get those realities. Both the choices are tedious and cause the superfluous burden to the mother and father or overseers. We are habitation inside the age of information upheaval, with an assortment of gadgets, for example, PC frameworks and cell gadgets develop wherever along these lines making it clean for data to be conveyed, and the preparation district is not constantly

precluded in this creating advancement. PCs and cell phones have turned into an unavoidable piece of our lives. There are loads of components which we can do with those innovations. With the rapid improvement of cell phones come various administrations simply like the Short Messaging Service (SMS), and others, which can be without issues to be had and transfer to the convenience of cell phones. The accessibility of such verbal trade mediums in any gathering makes it suitable for certainties to pass on to students as fast as they are accessible.

The Student SMS Portal System has been produced to send standard audits to the understudies and parent about the institutional data. Understudy SMS Portal System comprises of modules which can be helpful to works of art with the device in a prearranged way. Login module introduces the confirmation to the

framework and production of new record for a gathering of labourers. Understudy Information module is utilized to embed and erase student data from the machine. Any certainties related to the student might be controlled the utilization of this module. SMS module is utilized to deliver the messages to the researcher's mom and father speaking to the researcher's measurements. Participation record is one of the critical one to state. Letter module is utilized to make the letter for the student around differing points and can be produced.

Developing a proper managed Student SMS Portal System for the academic institutions becomes the essence to let the users- students, guardian, teachers and others to gain information about the institution. In this recent world, it becomes the necessity for the educational institution to have a managed computer based information systems.

Generally, this study aims to develop Student SMS Portal System. This study specifically aims to:

- Provide a proper registration channel/ system to the new student.
- Maintain all the accounts of the students in digital form from enrollments up to the end of the study.
- Properly manage the information about institute/colleges.
- Make fast updates to students about their concerns on their curriculum, about college event and activities.

II. Related Work

By and by to keep up data about various viewpoints, the school is utilizing manual procedure for example utilizing books and records. Presently the school requires a modernized domain where it is anything but difficult to putting away data about understudy subtleties, their participation, marks, report personnel, course subtleties, and calendar so on.

So in the wake of seeing this, we realize that this manual procedure is tedious, and it's hard to keep up the information additionally and it prompts wastage of stationary and expanding human endeavors to keep up this all. So by utilizing this automated application through versatility administration its get effective and get supplanted this whole issue.

There is a requirement for a SMS based understudy data framework for schools and universities, to give convenient and basic understudy data to the parents and guardians through SMS. Thus, we are utilizing SMS entryway method for sending SMS on parents and students versatile numbers. A SMS door is a site that enables clients to send SMS messages from an internet browser. A portal is a system hub interfacing two systems that utilization diverse conventions. The most widely recognized portal is the web entryway, which interfaces a home or endeavor system to the web. A web door additionally frequently goes about as a security hub, differently filling at least one security jobs, for example, intermediary server, firewall or system address interpretation server.

The passage can take a few structures including switches or PCs and can play out an assortment of errands. These range from basically passing traffic on to the following jump on its way to offering complex traffic separating, intermediaries or convention interpretations at different system layers.

III.Existing Approach

These are as follows- Problems in Existing System

- Maximum Manual Work: All the work that is done until now is done by human intervention.
- Errors: Due to which there was maximum chances of errors.
- Maximum Human Interface: The interface of student and administer is maximum;
- Time Consuming: Due to the above problems every procedure becomes time consuming;

- Updating Records: Due to above problems the updation was very difficult and ambiguous;
- Duplication of files: Due to updating, duplication of records was usual hence data redundancy;
- Synchronization problem: There was less interface between student and Training and Placement department;
- No Alumni record: There was no record maintained of the past students;
- Less Communication: There was less communication between past or present student with the Training and Placement department

IV. Implementation

A) System Architecture

The study will require descriptive design which focused on the proposed system are viewing the student sections and schedules, students can view their mark sheet, attendance and also events in college/institutions and notify the students and parents through staff through SMS. It is efficient tool in processing data or information and makes the job taster will less of effort, consumption time. The Data were gathered from Bapurao Deshmukh College of Engineering, Sevagram campus through every department, problem analyzing, system development and system implementation.

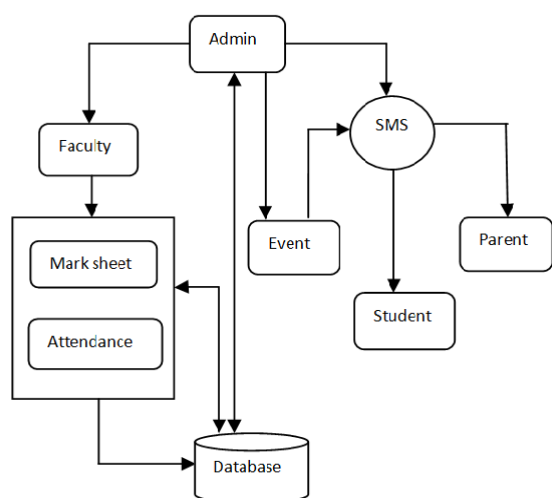


Fig. 1- Flowchart of Student SMS Portal System

V. CONCLUSION

These days versatile correspondence is a need as one of the methods for securing data. All dimension of clients, including advanced education students, have a cell phone as one of their specialized gadget decisions. This paper investigates the appropriation of electronic SMS framework to gauge the ease of use and viability of this communicate correspondence alternative in dispersing data among students and instructors. The model was created by embracing iterative programming advancement process-RUP. Utilization of Short Message administrations (SMS) for different applications have expanded essentially. There is as yet one zone where these administrations have not been used to the correct potential is in the field of scholastics. In spite of the fact that it has the amplest reach of the considerable number of advancements on the school grounds, it is still especially underutilized in the understudy administrations organization. In this paper, appraisal of SMS based applications for understudy administrations organization is investigated and a methodology for actualizing these applications is proposed.

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