

# Enhancement For Smooth Student Monitoring System

Reshma<sup>1</sup>, Shibhani Shetty<sup>2</sup>, Somashekhara<sup>3</sup>, Ms.Raksha Puthran<sup>4</sup>

<sup>1, 2, 3</sup> Dept of Information Science and Engineering

<sup>4</sup>Assistant professor, Dept of CSE

<sup>1, 2, 3, 4</sup> Shree Devi Institute of Technology (Mangalore, KARNATAKA)

**Abstract-** Nowadays Smart phones have become an irresistible part of everyone's life. With these smart phones the human life is changed for better. This system consists of one college website and one college Android App The main objective of this system is to make advancement in education system and institutional activities, and also simplify the work in the college.. This system helps in adding mobility and automation in managing the institutional information. The android application simplifies this process by giving instant notifications to the parent. The android application and website makes the process easier, faster, secure and less error prone.

**Keywords-** Android App , Web Site, Educational System

## I. INTRODUCTION

A college is an educational institution that needs to provide "better and efficient" service to members. Managing the entire institution is definitely a crucial job. The college has the responsibility to take care of the students in all the possible ways. They take a major part in providing the information to the students in the form of notes, news on recruitments, any event etc. Hence communicating the information to all the students would be difficult because there might be a chance where the proper information may not be communicated to the students or due to the lack of attention of the students. Hence we have developed this project where the main objective of this project is to provide users an easy way to know more about our college and campus. It also helps the student by providing notes, reference books, notification and so on. It also makes it possible for the students to lodge complaints. Here students can view upcoming companies for placement and get ready to it and also able to know the upcoming events in the campus thus therefore reducing the workload of employee and also provides facility for proper monitoring, reduce paper work and provide data security. It also has many features like checking availability of principal, sending library notifications etc.

## II. EXISTING SYSTEM

The existing system uses website for publishing notices, or peon helps in circulating notices. This is very time consuming process.

## III. PROBLEM DEFINATION

There might be a chance where the student pays lack of attention and fails to notice the important things happening in the college. Adding more to the scenario there are possibilities where the student fails to appear to the class and might miss the notes or any information provided by the concerned person. Since the application provides all the information required it is not necessary for the students to memorize or write down hence reducing the burden. The college website also provides information on the books available in the library hence helping the students during their exams.

## IV. PROPOSED STUDY

Enhancement for Smooth Student Monitoring System consists of one college website and one college Android App.

This system aims at simplifying the work of faculty, students in the college. The College app can only be used by parents to check their child's internal mark, attendance and any college updates. And in college website Hod, Faculty, Principal, Director, Placement Officer and Student can login using their registered username and password ,then they can check any kind of activities or notices that happened in the college like, the faculty can send the notes to the student and students can download it.

A network for college with student login, administrator login, placement officer login and faculty login. The administrator has the most authority. This account may be handled by principal or other senior member. This website notifies students about various college events and placement opportunities. Only faculty, placement officer, hod and

administrator have the permission to post events. Students can view those notifications and react accordingly. It also includes a student grievances area where student may post (or give feedback) about college inconsistencies and other problems (ragging). These posts will only be visible to the administrator.

The students are provided with the details regarding library, exams, placement, books available etc. faculty has the privilege of adding the notes which simplifies the work of faculty as well as the students. This app and website helps easy functioning of the collage. Since students get notified regarding important events, it helps them in proper preparation for the events. Thus, contributing in the development of the college.

There are few Modules:

Admin Module:

The important feature of the admin to the students as they take admission in the institute. Here the admin also has authority to add/delete/edit Faculty/Student/HOD along with departments and section. Has authority to send and view the feedbacks given by the user.

Hod Module:

Main task of the HOD is to map the lectures according their subject. Also this module can view the feedbacks given by the user. Has the authority to view the attendance of the students along with the internal marks. Registration of the faculty is done by the HOD according the subjects handled by the faculty.

Faculty Module:

Here main role of the faculty is to mark the absentees and the then send the notification to the particular student. Also the internal marks can be sent to the parents. Can add the notes to the site which can be viewed and can be downloaded by the students.

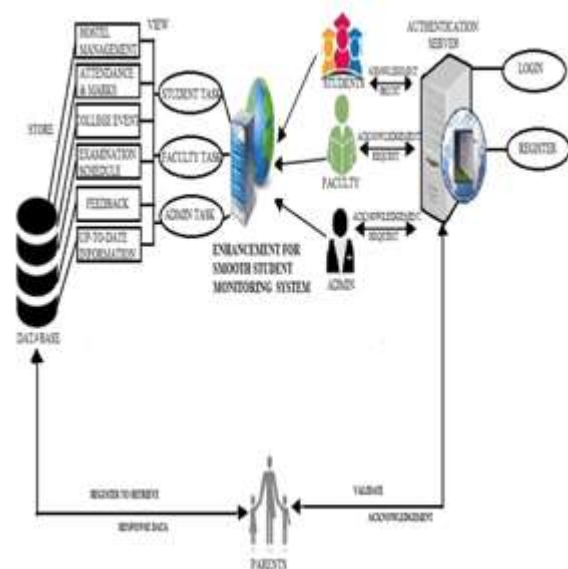


Fig1:Architecture Diagram

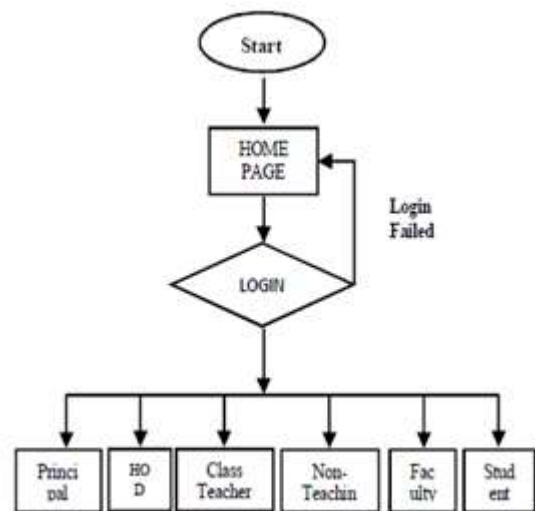


Fig. 2 Detailed Flow Graph

## V. CONCLUSION AND FUTURE ENHANCEMENT

The project Enhancement for Smooth Student Monitoring System aims at simplifying the work of students as well as the teaching and non-teaching staffs. Currently in the college if any information has to be conveyed the faculty either has to announce it in each class or display it in the notice. Any updates, change has to be conveyed to the students manually where few students might miss the necessary information. But our project overcomes this drawback and facilitates easy flow of work in the college. Principal, staff, students management system are benefited by making use of this application and website.

We can implement leave application for faculties requesting for principal permission for leave.

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