



COLLEGE SMS SYSTEM

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ABSTRACT

It is college SMS system which allows parents to check their ward attendance report and academics records. It also helps to college administrative people to maintain student related information. It is 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' possess, and take almost everywhere with them, it is therefore a highly effective means of bringing information to them faster, easily and on the move.

INTRODUCTION

College SMS System is application software designed to introduce a conducive and structured information exchange environment for integrating student, parents, teachers and the administration of college. These software systems enable educational institutions to supervise student related activities such as sending regular report to the parents, update, search, insert, delete student's information. Generate report in tabular format. Analyze the reports generated. The student data contains information like Enrolment No, Name; Mobile No etc. are entered by Staff/Admin. This is saved in the database. College SMS System can be useful in many area Like Universities, Colleges and Institutions. Private and government sector industries. CSS is a web based application which can be accessed from the anywhere and provides the chance of regulating the details from almost to produce the desired result.

At the end of the system design all the major data structures, file format and the major modules in the system and their specifications are decided. The most of creative and challenging phase of the system development process is design phase, it is solution, a "how to" approach to the creation of the proposed system Design, the first step in the development of an engineered product is initiated only functions becomes available. Based on the user requirements and the detailed analysis of a new system, the new system must be designed.

This application is developed for daily student attendance, alerts, events, academic calendar in colleges and institutes.

LITERATURE SURVEY

II. Existing System:

Existing system includes paper works made by human so the times taken to maintain all these details are very long and also tedious to implement. There are more number of ways are there to know a student's mark in the modern world. Few of them are getting a newspaper result, website related marks/results and going to the college directly or making a phone call to the institute.

Limitation of existing system:

1. Newspaper
2. The system is not online system
3. College visit
4. call to institute

II. Proposed System:

A CSS allows parents a quick and easy way to communicate with their children's teachers or the College administration. Parents are more involved when they receive up-to-date information about the college events, grades, college attendance, extra lecture, result, unit test marks etc.

The proposed system overcomes the drawback(Like college visit or calling to institute or personal to knowing result) of the existing system.

System design main aim is to identify the modules that should be in the system the specification of these modules and how they are interact with each other. They can be used to run complex enrolment reports, admissions, course schedules, grades and more.

IMPLEMENTATION

III. Problem Definition:

Parent's wants to know automate the attendance of students. A lot of time is wasted in making the attendance of the students. The measure concern is the safety of student as well as student are coming from renewed families of the cities. Notification of student arrival in the college is required.

III. Modules Description

- Admin
- Staff
- Student



III. Admin

The main roll of the admin is to manage the staff as well as students. Admin has two type of authority (1.Full Authority 2.Departmental authority). Admin can give any authority to staff. When admin send SMS to staff and student the SMS history will be generated. Admin can see the history of sending messages to staff and student. Admin also delete/edit the history of SMS.

The admin give the USERID and PASSWORD to staff. And also admin changes the staff password.When admin change the password of staff then update history will automatically generated.

III. Staff:

The admin give the departmental authority to staff. The staff send SMS to student to inform notice related to Extra Lecture, any cultural event, scholarship notice and so on. Staff have authority to change its own password. When staff send SMS to student history will generated. Staff has only authority to see his own history about SMS.

Staff send department wise and semester wise SMS to student.

III. Student:

In this application student only receive the SMS. No other roll of student in this application. Student cant't send reply of SMS to the staff/admin. They can't see the any history/information about staff/admin. The only see the Message only.

III. Three-Tier Architecture

Three-tier architecture typically comprise a presentation tier, a business or data access tier, and a data tier. Three layers in the three tier architecture are as follows:

- 1) Client layer
- 2) Business layer
- 3) Data layer

1) Client layer:

It is also called as Presentation layer which contains UI part of our application. This layer is used for the design purpose where data is presented to the user or input is taken from the user. For example designing registration form which contains text box, label, button etc.

2) Business layer:

In this layer all business logic written like validation of data, calculations, data insertion etc. This acts as a interface between Client layer and Data Access Layer. This layer is also called the intermediary layer helps to make communication faster between client and data layer.

3) Data layer:

In this layer actual database is comes in the picture. Data Access Layer contains methods to connect with database and to perform insert, update, delete, get data from database based on our input data.

- Advantages

1. High performance, lightweight persistent objects
2. Scalability – Each tier can scale horizontally
3. Performance – Because the Presentation tier can cache requests, network utilization is minimized, and the load is reduced on the Application and Data tiers.
4. High degree of flexibility in deployment platform and configuration
5. Better Re-use
6. Improve Data Integrity

7. Improved Security – Client is not direct access to database.
8. Easy to maintain and modification is bit easy, won't affect other modules
9. In three tier architecture application performance is good.

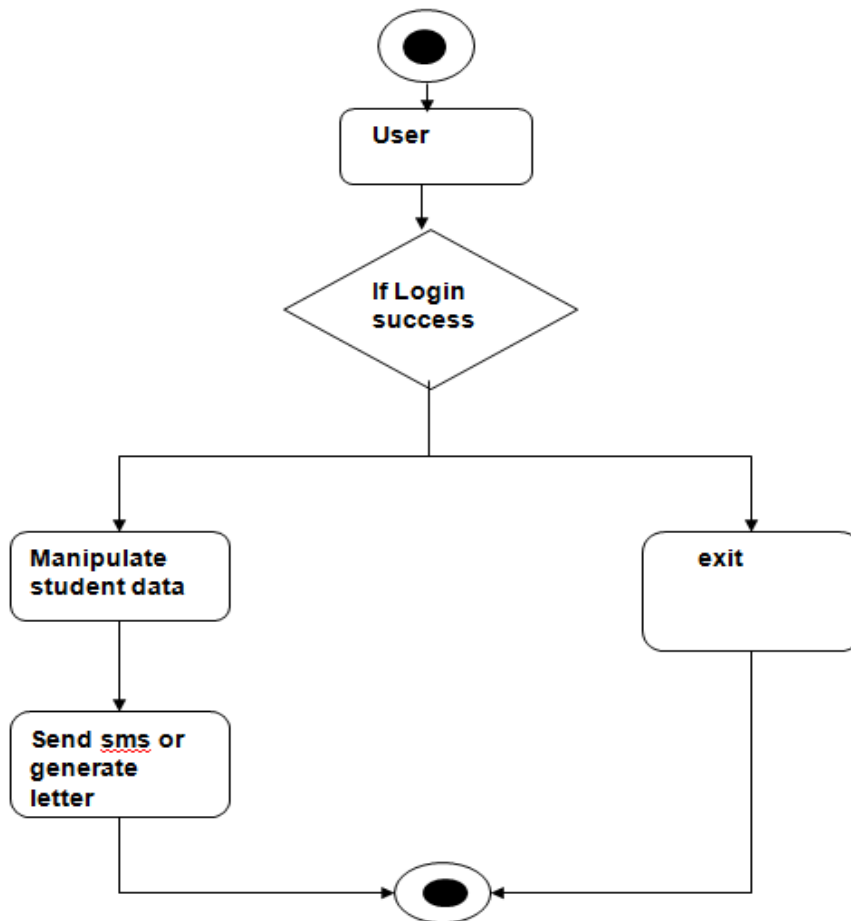
- **Disadvantages**

1. Increase Complexity/Effort

I. HELPFUL HINTS

A. Figures and Tables

- **System Architecture**



4.3. System Architecture

CONCLUSION

It is a web application for collage management system is presented. The application offers reliability, time saving and easy control. It can be used as a base for creating and enhancing application for viewing results,

notice, assignment, events or any work place students. Also students can view details, notification any were and anytime. The application will greatly simplify and speed up the result preparation and management process

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