Academic Based Android Application

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Abstract - **Over the last few years, the mobile and wireless market has been one of the fastest growing markets in the world. I have decided to design an android application name "Android based academic information system of Sri Sairam College of engineering".The purpose of developing Android Based Academic Information System of Sairam College of Engineering is to computerized the tradition way to taking attendance, internal marks, and keeping academic updates of ssce and giving survey's.SSCE app is to fill the gap between the lectures and students/parents. It is a real time project which is going to implemented in our college. This project contains four modules .**

Keywords- attendance, internal marks, events, timetable.

I. INTRODUCTION

"Android based academic information system of Sri Sairam College of engineering" is to develop to "College" app which helps to computerize the tradition ways of keeping updates of academic information.

Attendance: is the act or fact of attending (being present at) work. Also, attendance is used to define the number of students present on a particular day at class. An attendance policy provides the guidelines and expectations for employee attendance at class as defined, written, disseminated, and implemented by an college.

*Internal marks***:** It is the purpose of a marking system to evaluate the academic work done by students in the courses of the various curricula. The marks themselves may consist of a series of letters or, prefer- ably, of numbers arranged in descending scale; the most meritorious work is designated by a character at one end of the scale and the poorest, failure, by the character at the other. On the basis of marks given are awarded academic honors, additional credit toward graduation, prizes, etc.; and continued membership in a class or in a school may be conditioned upon maintaining some predetermined standard. The marks given may be expected to incite students to better work. Fairness in the award of honors, justice in determining upon failures and dismissals, and incitement of the student to better work can be attained only to the extent to which a common standard for the awarding of marks is under- stood, accepted, and acted upon.

Events: this app helps us to keep us notifing the events organized by Sri Sairam college of engineering

II. METHODOLOGY

In the COLLEGE app, it consists of many modules. In the home screen it has notification bar and the two interfaces: Admin/prof interface and student/parent interface. the notification bar is divided in to four sub modules events, vtu results, vtu syllabus, vtu notes. Admin/professor must select branch (CSE,MECH,ECE,EEE) before login. After logging,with correct authentication user id and password. It has three modules time table, attendance, and mentor. In the student/parent interface student login's with unique student id and password .after logging it has three modules time table, internal marks, and attendance of particular student.

III. DESCRIPTION:

This project consists of mainly 3 models.

1. Notification Model

❖ Events: this module helps us to keep us notifing the events organized by the Sri Sairam college of engineering.

❖ Vtu results: when the user clicks to vtu results bar. It redirects user to fast vtu results.

❖ Vtu syllabus: when the user clicks to vtu results bar. It redirects user to vtu syllabus.

❖ Vtu notes: when the user clicks to vtu results bar. It redirects user to vtu notes.

2. Admin/Professor Interface Model

❖ Time table: admin/professor updates time table in the server so it can be viewed by the user's.

❖ Attendance: professor's takes the attendance in the app which is directly updated to the server. so it can be viewed by the user.

❖ Mentor: it shows the group of student's under the particular professor.

3. Student/Parent Interface Model

❖ Time table: user's can view timetable which is uploaded on server by admin/professor.

❖ Attendance: student can view total number of classes taken by the particular professor and the total number of classes student attended.

❖ Internal marks**:** student can view internal marks which is uploaded by professor.
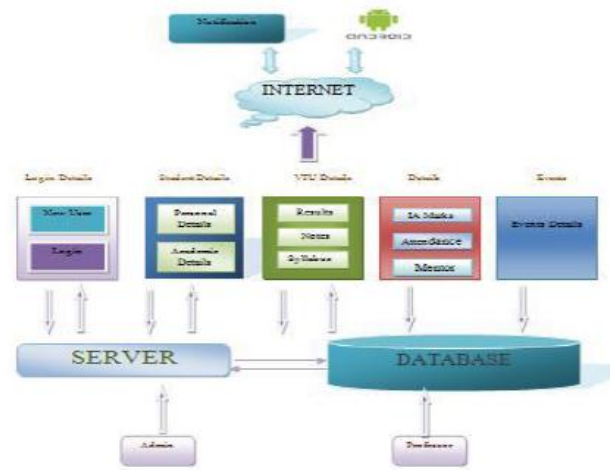
Data Flow Diagrams: Block

Level 0

Level 1

Block diagram:

IV. CONCLUSION

We have tried to make the smart android application as easy as eating a toast from a plate. The software is user-friendly with several features and some very basic and small requirements. No need to maintain several seperate records and manual calculations. 24*7 availability of information on your palm. More secured than compared to current information system. In one sentence it is simple, handy, effective, creative and advanced android application.

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