Android Application for Student Academic Performance Management System
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Abstract:
The Project “ANDROID APPLICATION FOR STUDENT ACADEMIC PERFORMANCE MANAGEMENT SYSTEM” is an automated way that facilitates the faculty to access the attendance information of a particular student in a particular class. This system will also help in evaluating attendance criteria for a student. It also facilitates the faculty to add the marks of a particular student. If a student is absent for certain class, notification will be displayed in the app. It also facilitates the student to look after their appearance in the academics by the use of android app. This information is stored by the operator, which will be provided by the faculty. The operator can notify about the circulars to the students as well as faculty through the application.

I. INTRODUCTION
Student academic performance Management System is an Android Application for daily attendance of students. Previously the college relied heavily on paper records. This paper focuses on preventing information in an easy way and intelligible manner which reduces paper and time. The project makes use of database in order to keep a record of attendance and is used while generating a report or individual student. This system is fully controlled by the administrator about the staff’s profile, student information, and student attendance. The Administrator can add new student and new staff details, view staff and student and view the student attendance report. The faculties are directly able to access all aspects of student’s progress through a secure, online interface embedded in the college website. After the class has been finished, the lecturer can view the student’s attendance that had been updated in that app this system will also help in evaluating attendance eligibility criteria of the student. Attendance management system is Android development for daily student attendance in colleges. It facilitates to access the attendance information of particular student in a particular class. The information is sorted by the operators ,which will be provided by the staff for a particular class like student is absent or any class a notification is displayed in the app i.e., 'you are absent or certain subject'. This system will also help in evaluating attendance eligibility criteria of a student. We can upload, the semester results can be uploaded in the admin page of app by faculty according to the subjects i.e., P or F.

2. LITERATURE SURVEY
[1] Web Based Student Information Management, S. R Bharama goudar et al., this paper assist in automating the existing manual system. It can be monitored and controlled remotely. This paper provides accurate information always. All years together gathered information can be saved and can be accessed at any time. The purpose is to design a college website which contains up to date information of the college. That should improve efficiency of college record management.

[2] “Online Student Attendance System”, P. N. Garad et al, in this project, we gave access to three user i.e. Admin, Student, Others. This project is based on client-server. Here, the serve is Tomcat and client is JSP. In this project teachers or the admin will be filling attendance and sending message to the student who is absent. They will have privilege to fill attendance form, update attendance form, send message to the guardian’s account whose child is absent, also those attendance is less than 75%, and they also have privilege to send message to the students whose fees are pending. he staff can also view the message whenever they want and also can modify the details of students. Parents have privilege to view attendance and to view message sent by the teacher. Students also have their account with the privilege to view message sent by the subject teacher and to view the attendance.

[3] Web Based Coaching Institute Management System, Mayuri Kamble et al, “Coaching Institute Management System” software developed for an institute has been designed to achieve maximum efficiency and reduce the time taken to handle the storing activity. It is designed to replace an existing manual record system thereby reducing time taken for calculations and for storing data. The system is strong enough to withstand regressive daily operations under conditions where the database is maintained and cleared over a certain time of span. The implementation of the system in the organization will considerably reduce data entry, time and also provide readily calculated reports.

[4] Classroom Attendance Application”, Pranjul Kharel et al, the scope of the project is the system on which the software is installed, i.e. the project is developed as an ANDROID application, and it will work for a particular institute. Android is a mobile operating system (OS) based on the Linux kernel and currently developed by Google with a user interface based on direct manipulation. It has revealed that an online system for recording and reporting students' attendances is indeed a needed application in order to make the process more efficient and time-
saving where more than 70% of the sample group agreed to that matter.

3. METHODOLOGY

- **Admin module:** In this module, Admin verifies the faculty, can overview the student and faculty details, and can post the circulars in the application.

- **Faculty Module:** If the lecturer wants to upload assignments, Show Time Table to students the can easily send this information using this application.

- **Student Module:** If the user wants to download assignments, having seen any notification, they can check easily after login successfully.

4. RESULTS AND DISCUSSION

Figure 1. Adding Faculty

Figure 2. Viewing student attendance
5. CONCLUSION

We can easily maintain student’s attendance records. It gives clear records, automatic calculating percentage and details about each and every student whenever we needed. So, I checked project importance in college attendance system. Finally, this automatic attendance system is giving more efficient way and very easy compare to the previous attendance system i.e., register attendance system. By using online attendance there is no confusion and losing about any student information. The system has reached a steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification.

6. REFERENCES

