



Attendance System App

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Abstract: The aim of developing attendance system is to computerized the tradition way of taking attendance. Another purpose for developing this software is to get the report automatically at the end of the session or in the between of the session. To overcome the drawbacks of the prevailing system, the proposed system has been evolved.

Keywords: Attendance Management, Report Generation, Profile Maintenance, Android App.

• INTRODUCTION

Attendance System is a software developed for daily student attendance in colleges and institutes. It facilitates to access the attendance information of a particular student in a particular class. The information is sorted by the operators, which will be provided by the teacher for a particular class. Due to students' interest in class and whose is the largest union in the study environment of institution, so recording absent at a department having a large number of students in a classroom is a difficult task and time-consuming. Moreover, the process takes much time, and many efforts are spent by the staff of the department to complete the attendance rates for each student. So in many institutions and academic organizations, attendance is a very important criterion which is used for various purposes. These purposes include record keeping, assessment of students, and promotion of optimal and consistent attendance in class. Therefore the design of student attendance system has a significant reality meaning. The app is developed for daily student attendance in departments within the university.

• PROPOSED SYSTEM

The purpose of developing attendance system is to computerized the tradition way of taking attendance. Another purpose for developing this software is to generate the report automatically at the end of the session or in the between of the session. To overcome the drawbacks of the existing system, the proposed system has been evolved. This project aims to reduce the paper work and saving time to generate accurate results from the student's attendance. The system provides with the best user interface. The efficient reports can be generated by using this proposed system.

Since there are so numerous drawbacks within the existing system we choose a mobile based android application. In the proposed system, a smart phone based android application using android are often used to make the process more easier, secure and less error prone. Thus reduction of manual and more efficient information system will be achieved through this proposed system. The main advantage of proposed system is that it provides portability and also provides access from anywhere and at any time. Here, both the faculty and the students can make use of this application by installing it in their mobile phone where student is given the authority only to view their record whereas the faculty has the authority to modify and make changes in the record. The proposed system is a fully automated one using wireless android. The proposed android application introduces portability as it is used on a mobile device and can be carried anywhere.

• ACTUAL IMPLEMENTATION

A. Login page :-

An interactive login page that will help HeadMaster, Faculty and the Students to login and can guide them through all the available activities in the application.



B. Account Recovery :-

A page which enables the user to get their password recovered by clicking the forgot password option.

C. Home Page :-

An interactive homepage that the users can use to do various things like check their profile,report, attendance,add or remove students and view teachers.

D. Student registration :-

Various practice questions that are available for the user to further enhance their knowledge

E. Add Student :-

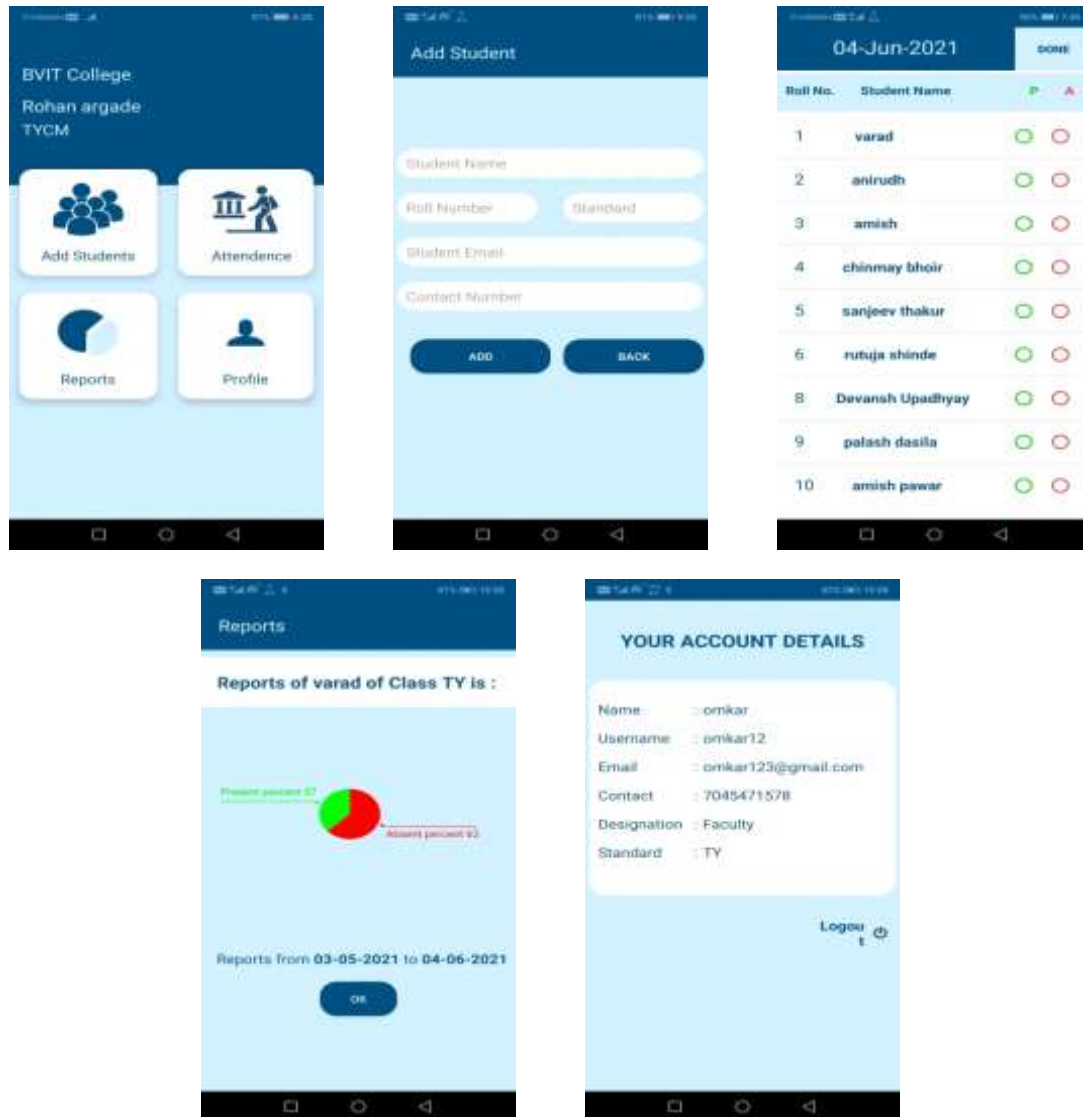
A page where the teachers are able to add a certain student using their information.

G. Report :-

A report is generated and that can be seen for the whole class as well as for a specific student and it also provides the dates from when the reports are.

PROJECT SNAPS





• CONCLUSION

By this system Attendance marking and report generation becomes easy. Less chances of malfunctioning are there. The system has reached a gentle steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the teachers and user related with the system understands its advantage. It was intended to solve as requirement specification. In future this system can be implemented to automate most of the educational systems and it can be designed for cross platform.

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