

Mobile Attendance System

ABSTRACT

The mobile technology has been chosen for this study. The methodology of this work is to develop an android based mobile attendance system where attendance can be recorded via mobile devices. Findings of this developed software stores, retrieves and deliver the information about the student information such as present or absent through mobile device. Results are very helpful to the organization to keep, track and maintain information about students also easy to deliver the report about the students to the concern parents. Further this work can be extended to keep the student's information regarding internal marks, semester marks and other activities involved in the organization.

EXISTING SYSTEM

The mobile attendance system has been built to eliminate the time and effort wasted in taking attendances in schools and colleges. It also greatly reduces the amount of paper resources needed in attendance data management. It is android app it runs only android devices. Though most of the mobiles now are android version and available in reasonable rate so it won't be a big problem.

DRAWBACKS

- The system can be run on android platform only. Though most of the mobiles now are android version and available in reasonable rate so it won't be a big issue.

PROPOSED SYSTEM

This android app runs on android phones. It's built to be used for school/college faculty so that they may take student attendance on their phones. Once this App is installed on a phone, it allows user to create a student attendance sheet consisting of name, roll number, date, Absent/Present mark and subject. The faculty has the list on his phone now. He may see the list call roll numbers and select absent id the student is absent or select present if student is present. This data is now stored in the faculty mobile phone. Faculty may also view it anytime on their phone. The faculty can transfer the file to a server (normal computer) via a Bluetooth connection where this data can be stored and maintained by the school or college.

ADVANTAGES

- The system eliminates the use of paperwork needed for attendance marking and monitoring.
- The file can be transferred from mobile to computer or server via Bluetooth.
- This gives the overall performance of class in attendance.
- There is no need for laptop or computer in every class to run the system as the system is run on mobile so no need of extra efforts and resources.
- The app is easy to install and use.

Modules:

- Student Attendance List Creation
- Attendance Marking
- Attendance Storage
- Attendance sheet transfer

System Requirements:

Software Components:

- Operating System : Windows Xp, Windows 7(ultimate, enterprise)
- IDE : Android Development Toolkit(ADT)

Hardware Components:

- Processor : Pentium - III
- Hard Disk : 5 GB
- Memory : 1GB RAM
- Device : Android device