

ATTENDANCE MANAGEMENT SYSTEM

PROJECT SYNOPSIS

OF MINI PROJECT-II

BACHELOR OF TECHNOLOGY

COMPUTER ENGINEERING AND APPLICATIONS

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ABSTRACT

The manual attendance management has been carried across most of educational institutions. To overcome the problems of manual attendance, We have developed “Android Based Attendance Management System”. Android Based Attendance Management System is based on Android, which can be implemented on any Android Phone. It calculates automatically, the attendance percentage of students without any manual paper-based work. Managing the attendance using traditional approach is really a cumbersome process.

MOTIVATION

The attendance system is one of the most important systems used in every organization to keep the track of attendance. The previous conventions followed for taking attendance was very tedious task and requires a lot of paper work. It was not automated and so handling and maintaining the system was a tough job.

LITERATURE REVIEW

The research works carried out by different researchers that are related to the proposed work. In general, the mobile application is developed using any one of the languages such as Java using software development kit (SDK). An android-based mobile application for student attendance tracking system. It offers reliability, time saving, and it is easy to control and to take the attendance using android mobile phones. It can reduce the efforts of the staff members towards attendance maintenance.

PROBLEM FORMULATION/OBJECTIVE

To developed and design the android-based mobile attendance application for the management of attendance records in the educational organization. To implement the new technology development system to make it digitalized , autherized , secured one in the given web server to kept it records as many years we want to kept it for its future uses as per our need.

METHODOLOGY/PLANNING OF WORK

This project is developed by using Android Studio, Java and XML. Feasibility study is conducted, requirement analysis is carried out to understand the need for the system and the necessary modules, such as admin module, teacher modules .Admin can only they can generate a user id and password to login in the mobile based application.

FACILITIES REQUIRED FOR PROPOSED WORK

Software Specification :

- Technology Implemented : Android Development
- Language Used : JAVA
- User Interface Designed : XML
- Code Editor : Android Studio

Hardware Requirements :

- Processor : intel i5
- Operating System : Windows 10
- RAM : 4+GB
- Hard disk : 64 GB
- Testing Device : Android Mobile

BIBLIOGRAPHY/ REFERENCES

<https://developer.android.com>

www.tutorialpoint.com

www.w3school.com

<https://www.udacity.com>