

CLASSROOM ATTENDANCE USING BIOMETRIC
WITH SMS NOTIFICATION
FOR JHCSC-DUMINGAG CAMPUS

A Capstone Project

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ABSTRACT

Living into the world of growing technologies, everything has been computerized. This technology can be deployed in many areas including national projects, banking, educational institutes, and corporate organizations just to name a few. Most institutions of higher learning required monitoring of student class attendance as required by various regulations.

The study aimed to develop a Classroom Attendance using Biometric with SMS Notification System that would be useful, to help the instructor and the students to minimize the use of papers during checking of attendance. The system was very manageable since the students would only use fingerprints to login.

This study was conducted to develop a module wherein the student could log in using fingerprint scanner, to develop a module that will monitor the attendance of the students, to notify the parents of the students' attendance through SMS, and to generate monthly report of the students' attendance every subject. The method used was a waterfall model which included software and hardware requirements analysis, design, development, testing, operation and maintenance

The output of the study revealed that the Classroom Attendance using Biometric with SMS Notification improved the process of checking of attendance and the classroom availability and accessing the attendance easily. The system could keep the attendance reports provided by the database. Through this system, the user would no longer have to manually check the attendance records.