CENTRAL PHILIPPINE UNIVERSITY
ELECTRONIC CLASS RECORD

A Capstone Project
Presented to
College of Computer Studies
Central Philippine University
Jaro, Iloilo City, Philippines

In Partial Fulfilment
of the Requirements for the Degree in
Bachelor of Science in Information Technology

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ABSTRACT

This study was designed to develop an Electronic Class Record for Central Philippine University. It focused on the following objectives: provide a synching module that allows the faculty to retrieve and constantly update the subject and class roll load as well as to export the grade book from the tablet to the desktop application system; design an assessment module that enables automatic calculation of students' final grade; create an attendance monitoring module for checking and tracking of absences and tardiness of the students; provide the faculty with the list of students who lack major examinations for each subject; develop a desktop application that allows the supervisor in monitoring, viewing, and printing the class record of the faculty; and develop a module that generates student progress reports to determine the students' academic performance. The study used the Iterative Enhancement Life Cycle Model system that followed the following stages: planning, requirement, design, implementation and testing, review, and deployment. Results showed that the Electronic Class Record has improved the traditional way of recording, storing, and computing student records that are used in monitoring each student's performance in class. Overall, the system designed for the faculty of Central Philippine University has reduced the problem of retrieving and updating subject assignment and class roll, keeping student records, and calculating their grades.