

PHYSICAL EXAMINATION MANAGEMENT SYSTEM

A Thesis
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The Faculty of the College of Computer Studies
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ABSTRACT

The College of Medicine of Central Philippine University uses the manual method in storing up and retrieving their files. The process of doing their transactions such as keeping the health records of students is done manually. This method, although efficient, is time-consuming due to delays in searching from their cabinets or in their folders and also because of the large number of population of the university. The person in-charge in the record section of the said college needs a new and efficient way of handling documents for proper record management.

This Physical Examination Management System is highly conceptualized, futuristically designed and carefully tested system that will speed up the existing manual process in storing up files and reduce the time in retrieval of students health records. Basically, the process is done by utilizing the existing identification card with the use of barcode reader/scanner, encode the laboratory results and physical examination results then save it on the database and if a student will request for it, only the stored data will be printed or just the PE Slip from the database. Logically, this will greatly benefit the administrator, faculty, staff, and students, the university and the college itself as described herein. The researchers and developers of this system used Modified Iterative Life Cycle Model where every stage was cautiously carried out. This will be implemented through the concept of Information Technology, Barcode, Networking, Data Security, Data Comparison and Relational Database Management System.