

ABSTRACT

The LCMS (Laboratory Control Management System) project started with an idea of improving the existing computer laboratories within Assumption University. Since then, Assumption University has increasingly developed computer laboratories. These computer laboratories are mainly served for teaching purposes. Therefore, this project has been considered to be conducted with the help of Information Technology.

The current existing system of computer laboratory control is manually operated. The instructors tend to have no choice but to operate the computer laboratories classes with the anxiety to monitor over all attending students. Certainly, this is difficult or even impossible to watch over all students in your conducting laboratories while you are teaching.

The new proposed LCMS will be developed to replace the manual and some computerized information system with intranet system. The LCMS will help to solve the existing problems which the instructors themselves have tried to avoid since the existence of ABAC laboratories. This implementing LCMS will be able to install in all computer laboratories. This will definitely increase the effectiveness in all instructors' laboratories teachings.

The implementation of the system is the planned and orderly conversion from a current existing system to the new proposed Information System. The final design should be evaluated first to make sure that the new proposed system can meet the desired goals and objectives, and then the other remaining processes will be performed.

This system will definitely improve the old manual system which will provide the full potential in using computer laboratories.