ABSTRACT

School of Applied Science is one of the faculty at the University of Telkom, which has a logistics unit and Academic Services whose job is room management and booking room academic and non-academic. Booking room today still do a manual process that is direct room must meet the manager to get approvals required room. The other hand when you want to see the manager related to non-academic room booking should meet directly related parties are sometimes unable to attend or are not in place. Moreover, from booking approved in the room needed a report regarding data approved room booking to determine the room that is often used so as to assist in the maintenance of the room periodically.

Applications that are built using SDLC Waterfall Model as a method of development, namely analysis needs of users of the system to be built, the design of the system being designed according to user requirements, implement the design in the form of writing code program using the programming language PHP and utilizes a MySQL database for data storage, the testing program that was built to ensure that the program complies with the design and all functions can be used properly.

The final project is titled room management and booking application at school of applied science, Telkom university based web that has the features of booking to help users in booking space online, features approve to assist managers in approved the booking of rooms online and has reporting features lending the room to assist managers in determine the room data reports so that it can make improvements on a regular basis, reports can also be printed or downloaded by the manager.

Keywords: Faculty of Applied Science, room booking, SDLC Waterfall, PHP, MySQL