

Abstract

Laboratory is one of factor that support college education in Polytechnic Telkom Bandung. In this laboratory , students can borrow inventory such as seitch, access point, etc and rooms that usually be used to held a practicum. Buat at the present time , the management for inventory and rooms at that laboratory is still using manual sistem that not computerizedyet, ad the storage of the data still have not centralized yet. The management of the data are still using office application such as Microsoft Office like Ms. Word or Ms. Excel. Because of that , to solve the problem is to make an application management that specialized for Laboratory of Polytechnic Telkom and storing record into a database so it can help to manage inventory and room easier. This final project makes by using software engineering method and using waterfall method, and implemented with PHP language and the database management sistem using MySQL. Beside that, in this application will be developed using a framework so it can be easier to develop further in the future. So, it has been made the application management administration that specialized for Polytechnic Laboratory to manage and administer the inventories and rooms such as adding new inventory and rooms, manage inventories and rooms.

Keyword : application management administration, PHP , MySQL, framework.