Abstract

Nowadays, the development of the internet is very rapid. Internet access has become an institution needs especially in educational institutions. In this case Polytechnic Telkom is the educational institution which has a high level of demand for internet access. So that it needs a user management for the internet can be used in accordance with user needs. User management is to control internet users for Internet access service can be used with as efficiently as possible. This means that only legitimate users are able to use the internet so that internet lines are not too full to use.

The project is application construction of a user management in the internet access on WI-FI network that can handle process of authentication, authorization, accounting, time quotas, and quota data. This application runs on the FreeBSD operating system, while the user management process will use a Radius server and MySQL as the database. For the user interface will use the PHP programming language.

Keywords: management, authentication, authorization, accounting, Wi-Fi, Radius, PHP, MySQL.