ABSTRACT

Administration Faculty of Electrical and Communications IT Telkom is a technical services unit that serves to manage the administration's decision letter making such academic and student services mengabil memorandum course final project and final project. In making the decision letter and the memorandum of duty in the Faculty of Electrical and Communications is still done manually. Manual system is considered to be less efficient because it requires a complicated process and a long time in the making. The new system will be created that is based on web-based system that can facilitate students in the process of making a decision letter and the memorandum of services so that students can make a decision letter and the memorandum of duty in a relatively short and easy process.

Output is obtained in the form of web information systems and the final project final project at the Faculty of Electrical and Communications IT Telkom's dynamic and able to repair the old manual system. This web can be used to make a decision letter and the memorandum of duty, in addition to this website can be used to view the latest information available on the Faculty of Electrical and Communications IT Telkom.

Web testing conducted using statistical software Webserver Stress Tool. The parameters tested the response time of web, web speed, and processor load on the server LAN networks with time varying test and the number of different users as well. From the test results obtained that the server can only handle 400user who access simultaneously.

Keywords: *IT, Web, Software, Processor load server, LAN.*