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.