ABSTRACT

Website is one important component in many fields in this area. To create a website that appeals to visitors, it is required system and also a good management. They are aimed to facilitate the visitors to understand and carry out everything that is on the website. One example is the e-commerce in an enterprise, in order the promotion and marketing at the company run smoothly, it needs a supporting factor, to have which is qualified website.

In this final project, a website that has the interesting quality will be designed by using JavaScript Library, or better known as jQuery. jQuery is the best currently javascript library. In fact, many large companies worldwide use jQuery in the technology of their website. jQuery manages to simplify the function of complex javascript and ajax so that with a few lines of code, we can create a website with a high level of interactivity (responsiveness). In addition, it will also support a quality website that requires a wide range of features that can be used by visitors. In designing this website, some features are used one of them is an interactive message facility between the visitors with the administrator. In addition, it also features a security system of password administrator by using MD5. With all sorts of features available and also an interesting view of the website, the promotion and marketing in the company can run well and produce profits for the company.

Web testing were are performed using the web software Web Server Stress Tool. The parameters tested the response time of web, web speed, and processor load on the server LAN network with the varying test of time and also the different number of users.

Keyword : Website, e-commerce, software, MD5, jQuery, processor load server