

ABSTRACT

Nowadays, internet utilization is growing rapidly. It makes internet is needed by a mass of people. Internet is not only used for searching news or business anymore, but also is used for communicating with other user such as Facebook, Twitter, etc. Unfortunately, internet utilization is not in the best performance yet, because internet also can be used for saving personal data that can be accessed anytime and anywhere by the user. This issue is the fundamental idea that leads into the discovering of Cloud Computing. Using this technology, so the users become more mobilize, because their personal data can be accessed anytime and anywhere.

The aims of this final assignment are implementation of cloud computing server and measuring the server system performance. System provides text editor application service. Client can access text editor application by using web browser through intranet. Initialization is not needed for client device (computer or laptop). Client can make a document, update or upload their document and will be stored in storage server by using the text editor.

After the server has been built, the server is tested for knowing the server performance to serve each request or access from client.

Keywords: cloud computing, server, intranet, text editor, web browser, client.