

## **ABSTRACT**

In the web server access information to obtain information are often the same information required by different users. If any information is downloaded from a centralized source or it will take a long time, it would be better if the data can be retrieved from several sources.

So in this final project will be designed for a server to store any information or data files into a file storage from various sources by using a file sharing protocol. Files being downloaded a user will be saved first in a storage file server and after the file transfer is completed then the web would send the file to the user who requests the previous download without deleting the file. The downloaded file will be stored in web server as a seeding until the files are deleted. To analyze the performance of web servers can be measured by measuring the performance of its server computers to compare the effectiveness between the two internet access is used.

In this final project will be made webservice system that has been programmed to serve a torrent file transfer process, where to use the facilities of the website stored on the webservice a user must be a member first. The operating system used in this Final Project is Ubuntu 9.10, which is already familiar with the operating system on which Linux users new and old. Results obtained from this research is a server that is able to handle and process the torrent file transfer process and makes sharing of data that already downloaded to all members. Result analysis of the efficiency of traffic delays during normal downloading gained 39.85% and 16.49% for category A and C more quickly using ADSL access media while category B is faster using wireless that equal to 47.71%. currently as low traffic is more delay resulting efficiency faster download using ADSL access to the media in category A,B,C of 26.8%,20.28%,11.44%