

## ABSTRACT

Nowadays, internet development has increased rapidly, internet access become a daily need for companies of families, Bandwidth and service not only increasing the business requirement but also has better service than before. Business object in companies are looking for reliable communication, flexible, fast with low price for their need. Dividing a same internet traffic, usually don't reach maximum benefit. It is because of the user quota management still not balance enough with user need and bandwidth condition that belong to a company. So an internet manager is necessary to build so that everyone can use it fairly based on the quota. Internet user management has used for controlling internet users. They can use the internet accessibility efficiently. Only authentic user can get internet service. So, the internet traffic not too full of use.

This final project is making user management application in accessing internet. There are several function, such as authentication, filter, time quota, and bandwidth allocation. This system is using Linux operating system, where are the user management is using proxy server and sql as the database, Php is used for the interface.

**Keyword :** *internet, proxy, linux, autentikasi, manajemen, bandwidth*