

## ABSTRACT

The improvement of telecommunication and information have made significant influence for data processing. Data from a server can transferred to another terminal used media transmission. Transferring data which use electronic transmission is known as Network Computer.

Design and realization of Network System without harddisk at LAN or usually known as PC Cloning, is a concept of network computer that emphasized in computation processing on the server side and the client side which work in less ability. With PC Cloning, client which have a low specification can running all of the application that have been installed in server without installing it on the client side. This final project research about the steps of PC Cloning installation like software installation and the applyment use Windows Server 2003, Citrix MetaFrame XP and Cintrix ICA *Client*.

With applying this Network System without harddisk at LAN, hoped it will give more value to computer network system which is designed like can increasing the capability of old PC become same as the server capability, low investation, client can operated wiyhout using harddisk so that decreasing the investation, and etc.