

# STUDY AND IMPLEMENTING A CONTROLLED REMOTE MANAGEMENT SYSTEM

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## ABSTRACT

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The aim of this project is to study on remote managing technology and then implement a remote management system. The reason I decided to do this system is that nowadays more and more people have more than one PC; usually it is not possible for them to take all of them and go anywhere anytime. It is necessary to develop a remote management system for them to remotely manage and monitor the computer that far away from them whether it is at home or in the office, and aims to increase their working efficiency. This remote management system is a client-server application, and users need install the system first. User need to enter the remote computer IP address so that they are able to connect to their remote PC. The system supports displaying the screen of another (remote) computer on the display at the same time, allowing users to control and access that computer (operations like pc restart/shutdown, configurations of the computer, and any other features of the OS: create a new folder, create/edit a new file like notepad file, MS office word document etc); and to do or continue their work on the remote pc. This duplicate desktop mode also can be used for user support and education purposes. Especially it also provides Wake-on-LAN which is an Ethernet computer networking standard that allows the remote computer to be turned on or woken up by a network message (Magic Packet) through the Ethernet network card.