

I-NETWORKING

A

PROJECT REPORT

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ABSTRACT

The main aim behind the design of our project “I-NETWORKING” is to control a remote computer or a group of remote computers (clients) through a master computer via Internet.

“I-NETWORKING” includes major functionalities like Authenticated log-in, File transferability, Session Rooms, Log-file generation, Remote shutdown, To-do list and Alert message.

The remote clients are permitted to use the system only after authentication process done by the master computer. Also the list of tasks which have to be accomplished by the clients will be listed by the master computer. File Transfer allows the user to exchange files between remote clients through the master computer. In session rooms the remote clients can interact with each other through a session which includes a message box and a user list. A log-file notifying the duration from log -in to log-out of each remote users will be generated, and stored in the master computer. Finally, the master computer holds the power to turn- off any of its remote clients whenever it wishes to do so. Also, the master computer sends alert messages to any of its clients.

Features of the project are as follows:

- **Multiple and simultaneous connection:** The network administrator can efficiently control different remote system simultaneously.
- **Strong Security and High Safety:** As the hold of every remote system is under the master computer there will be no room for security problems.
- **User Friendly and Intuitive Graphical Interface:** A user-friendly interface and a comfortable work environment.