ABSTRACT

ANALYSE THE SCHEME AND IMPLEMENTATION OF FREE INTERNET HOTSPOT USE THE TECHNOLOGY WI-FI IN ENVIRONMENT OF EDUCATION TRIPLE "J"

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This final duty Writing target is to design a computer network technologically wireless base on Wi-Fi, especially to overcome the problem that happened because of scheme of computer network which still base on cable technology which at the moment still be wired inefficient and also use bandwidth to transfer file.

Method used in final duty writing cover two punch lines that is method analyze and scheme method. Method analyzes used to analyze the system which walks and scheme method used to make the topology of network wireless and also new application making to transfer file. Reached result device a network having high mobility and thrift bandwidth which often used to transfer the file which have been overcome by application transfer file. Conclusion got by distorting of network system from network Ethernet become the network wireless improve the amount client which can access into network, and also improve the mobility of consumer notebook which must make a move between space of other space and office. Others also with the addition an application transfer the file newly lessen the traffic of use of bandwidth internet.

Keyword: Ethernet, wireless, LAN, access point, topology, Wi-Fi, bandwidth