ABSTRACT

Information technology especially the internet has developed so rapidly, the number of data and multimedia services that can be accessed via the Internet to make its internet service providers compete to provide the best services for its customers.

Currently Atmosphere Network using cable-based network to serve its customers. Atmosphere's customers have been growing and spreading region is also increasingly widespread, and require expansion of the coverage area of service.

Expanding the coverage area needs to be done to attract more prospective customers. However, careful planning needs to be done in determining the topology and the device to be used.

In this Final Test will be project and implementation wireless networks using Ubiquiti with case studies on Atmosphere Networks, and analysis results compared with project and implementation has been done before.

Keywords:WiFi,Ubiquiti