ABSTRACT

In this final project the network development and the RADIUS implementation was meant to easen worker's information searching from the internet and was done in PT. Metrindo Majupersada's office. Network development in this final project was building a wireless network and connect it to the with the previous current network using mikrotik rb750gr2 router. RADIUS implementation in this final project was about building hotspot with login page and bandwidth management based on user class using userman from mikrotik. QOS, signal strength and bandwidth evaluation was done using wireshark, acrylic wifi and netrowx software

Keywords: Network Development, RADIUS, Wireshark, Acrylic Wifi, Networx