

## ABSTRACT

The use of wireless networks in an organization or company is something that usually already exists to connect several computer devices in an organization or to be able to connect a company network to the internet. Wireless networks or commonly called wireless is a form of network that the communication method is carried out without using cables. In the process of implementing wireless networks in an organization, it is often done without considering the standard implementation of wireless networks. This can cause problems later if the organization is adding devices. Bandung Regency Government is one of the government agencies that have implemented wireless networks as a medium to communicate between computers. But in its implementation, the network has not followed the standards of wireless communication networks. So from this Final Project is done to analyze and design wireless networks in the Bandung District Government complex. The method used in the research is the Network Development Life Cycle (NDLC) method by using the Wireless Site Survey (WSS) to measure the effectiveness of existing wireless networks. The recommendations produced are recommendations from technological aspects.

Keywords: *Wireless Network*, *Pemerintah Kabupaten Bandung*, *Network Development Life Cycle*, *Wireless Site Survey*