

## **ABSTRACT**

Wireless technology offers a variety of convenience, freedom and high flexibility. Wireless technology has enough advantages compared to existing cable technology. One of development of wireless technology is built internet network or often called a wireless hotspot. Hotspot service users can Internet access services at any position as long as it is in wireless coverage. Problems often faced in creating hotspots This is about the reach of those who sometimes can not cover expected area.

In this project will be discussed on a network redesign hotspot in a city park covering. In the park there are still areas yet tercakupi hotspot network. Planning is done by re- move the location of the access point to obtain coverage reach all areas of the park. To get the point of access point precise method is needed from surveying, planning, simulation, and measurements.

From the results of research conducted by means of changes in location appropriate access point coverage obtained more hotspot network well, so the entire area of the park can be reached by the hotspot network.

**Kata kunci** : wireless, hotspot, access ponit