ABSTRACT

Base station is one of the most important thing in the world of telecommunications, because base station is a place to keep signal broadcasting digital was catching by means of communication like phone. There is no base station that stand without a transmitter signal in the form of an antenna. The telecommunications have count for thoroughly to install antenna. Not just telecoms companies to install an antenna because it will have an impact on the quality of signal received by means of communication. There is a calculation that is very complex in the installation of the transmitter signal is, used to on the monitoring of the health network. According to the end of this will build an application that can calculate the determination of the sector from a transmitter signal and on the monitoring of the health network. Some features such as base station notification is problematic and maintenance notification from field officer will be applied in this application. In addition, these applications can manage the data associated with. According to the end of this aims to provide an alternative that can help in the calculation of the determination of the sector base station and on the monitoring of the health network base station. The software that will be built does not require knowledge about the calculation, because these calculations have been implemented in software.

Keywords: Base Station, Healthy Network, Sectorize, Notification