

ABSTRACT

The density of a traffic nowadays is a common phenomenon currently occurring on a circuitous road. Increasing number of vehicles in metropolitan cities and many road repairs on every street causing serious traffic jams, and increasing number of accidents on the way. It is therefore necessary to implement a traffic monitoring system to address road congestion and accident reduction. To utilize technologies such as the Internet, to install a Traffic Monitoring System that can remotely monitor and control the network traffic. This system is built on the use of Android Technology Application to build Traffic Monitoring System.

Remote monitoring is realized for current cross-information, traffic information and traffic data communications using Android technology application with the internet.

Provided that the data required from the application, then the possibility of errors density conditions can be reduced because the parameters that determine the condition is not biased by only one time, it is necessary from the condition of the road segment in the previous time.

Expectations from this application can help roads that are likely to have traffic density at any given time in order to prepare for the density of traffic congestion.

Keywords : *Android application technology to design traffic Monitoring System.*