ABSTRACT

Monitoring is an activity that aims to monitor /observe something. To perform the necessary monitoring tools in which there is a system aimed at monitoring. The tool is mostly made in a static or stationary models , so that the monitoring process will limited mobility of the monitoring tool.

Therefore , in this final project will be made a motion control system monitoring on mobile devices that can monitor with a higher degree of mobility. Where the monitoring tool can move the position according to the desired position. For that created a system that can control the direction of movement monitoring tool , so that the monitoring tool can be set movement to a different position. However, from the direction of motion control systems that exist , the use of monitoring devices become not user friendly. Where the monitoring tool should be integrated into a motion control system that typically uses a system of R / C (Remote Control). So the use of monitoring tools become a bit more complicated. Therefore, as the rapid technological developments in the telecommunications sector one, then created a monitoring tool that has better mobility than ever before as well as user friendly in its consumer. For it is made a motion control system based on Android. So as to monitor, users simply set the movement of the tool as well as looking at the data for monitoring the android -based gadgets .

The results of this final project is an integrated motion control system on a mobile monitoring system to enable users to do monitoring process at a location through an android -based smartphone devices .

Keywords : motion control, mobile monitoring, user friendly, android.