

ABSTRACT

The number of logging activities that are carried out illegally or without permits makes the community and even the local government anxious. Moreover, these activities are one of the crimes because they damage nature which will cause damage to the ecosystem of life. The monitoring system that is carried out to date still uses manual methods, that is, the officers go directly to the forest, the officers can see whether there is illegal logging or not. In this final project a monitoring system is made in the form of an android application, so that it can facilitate guards in monitoring illegal logging. This system or application consists of a user login that requires the user to log in first. When the login has been successful it will show a bluetooth scan display and radar also the menu on the left of the application. The test results stated that the radar blind distance is 15 meters from the point where the user stands with a displacement delay ranging from \pm 1-2 minutes.

Keywords: Illegal Logging, Trees, Monitoring, Android.