

Jaypee Institute of Information Technology, Noida
Department of Computer Science and Engineering



Minor project Synopsis Report on
“**Boomerang**” – The Anti-theft Security Android Application

Submitted to:

Mrs. Ambalika Sarkar

Submitted By:

Aditya Bakliwal (9914103132)

Rishabh Jain (9914103137)

Tarun Agarwal (9914103141)

Problem Statement

In this world of fast-paced technological advancements, an android mobile cover a very wide range. From a “low-end light on the budget device” to a “flagship-killer”, whichever device user has, it usually contains essential data.

When this device is stolen or lost, it usually leaves the user with no power over it. Boomerang helps user control their phone’s features that they may require in case of a lost/stolen phone. It helps the user to keep their data safe and secure.

Objective and Scope

The objective of this android application is to provide users with power to control their phones from a distance. The multi-utility application designs to cover the aspects of security and provide a user friendly interface for the same.

It helps detect the location of the lost phone using GPS tracking. This further checks for various permissions required by different third-party applications and if the user finds them suspicious, they may uninstall the application.

Methodology

This android application will be made on Android Studio. Using the phone’s GPS, front-camera and various system applications we try to find the lost/stolen phone.

Software Requirements

Operating System: Android

Minimum Version: API-14 - V4.0 – Ice Cream Sandwich

Resource and limitations

The productivity of the application will decrease when the device is switched off. All the features might not work properly on devices lower than the required version. Some prime features will not work if the device does not support secondary (front) camera.

Conclusion

This android application is an anti-theft security application. Just like when you throw a “Boomerang” and it comes back, we try to bring back to you your lost/stolen phone!