**Android Application For AntiTheft**

**Abstract**

One of the **fastest growing industries now a day** is mobile industry. There are many competitors in this area who are doing research and development on new platforms & user experience. One such technology is Android from Google which is supported for many manufactured phones. These phones are described as next Generation mobiles [As described by Google]. In real life, forgetting the things is very common human tendency sometimes we may kept the things in our premises and we may forget about it. Same thing can be happened with our mobiles. We may forget/lose our phone in our near premises. We may think that, we can just make call to that phone and find the location but if the phone is in silent mode what we can do? how can we find the mobile location?

In that situation this project is very helpful In this project just by sending a single message to our phone we are changing our phone mode to ringing or silent or vibrate whatever we want and also we can get location of the phone.

This application supports 2.3 version of android frame work.

**EXISTING SYSTEM:**

In the existing system there is no service like changing our phone upon receiving security code as a message previously. If any user unexpectedly forget his phone in his near premises and its in silent mode. As of now in android mobiles there is no such system which changes our phone mode to whatever we want i.e. silent or ring or vibrate. if user wants to change his mode, only manually he can change the mode of the phone which is not possible when phone is missing.

**PROPOSED SYSTEM**

To overcome the drawback in the existing System we are going to develop this project.

Advantages:

* Giving the security codes for each mode(silent, Ring, Vibrate)
* Using that security code, changing our phone mode to silent, ring or vibrate.
* Send security code via SMS and get the location of the phone.

**Modules**

Antitheft on android is having the following modules

* Setting the Security Code
* Changing the phone mode
* Getting location

1. Setting the Security Code:

In this module, we need to set security code for each mode i.e. silent, ring and vibrate. By default values will be silent for silent mode, ring for Ring mode and vibrate for vibrate mode. User can also change this value.

1. Changing the phone mode:

Whatever the codes you have given, just send that code as a message to your phone. then your phone will be changed to that particular mode what u have sent.

1. Getting Location:

**HARDWARE REQUIREMENTS:**

* System : Pentium IV 2.4 GHz.
* Hard Disk : 40 GB.
* Ram : 512 Mb.

**SOFTWARE REQUIREMENTS:**

* Operating system : Windows 7
* Coding Language : Java 1.6
* Tool Kit : Android 2.2
* IDE : Eclipse kepler

When you send the security code via SMS you will be getting a SMS back to that location which tells the location of the phone.