



# ANTI-THEFT APPLICATION FOR LOST OR MISPLACED ANDROID PHONES

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## ABSTRACT

Anti-theft, similar to a tracker, would be able to provide you with location information and other advanced features if your Android phone is lost or stolen from your location. It was given the name Anti-theft because, after downloading on your Android computer, this app would not appear on the start screen due to the new feature. Mobile computing has become a reality thanks to the development of powerful handheld computers and advancements in wireless networking technology. Personal information is first recorded. If the phone is stolen and SIM card is changed, the application will track the theft phone. Automatic camera initiation captures the thief's picture, and his voice is registered and uploaded to the server. The thief's picture, location, and voice are sent to the original user's e-mail address. It's an app that uses Google Maps and GPS to pinpoint the exact location of your stolen Android smartphone. Hackers and hackers would be unable to access your sensitive information because this anti-theft Android device has the ability to wipe your data if it is accessed without your permission.

## INTRODUCTION

Do mobile phones play an important role in everyone's life in today's world? It has a variety of features, including voice and video communication, GPS monitoring, multimedia, and internet access. Cell phones broadcast radio signals all the time, so they can be used to track down a missing phone. Any GSM-enabled smartphone can be used with mobile phone monitoring system technology. Since all mobile phones transmit signals to their nearest towers at all times, it is possible to monitor a missing phone reliably. (2010, Android). MATS (Mobile Anti Theft System) is a project focused on the GPS satellite tracking system that has been used by cars and the transportation industry for years (HouRui, 2012). GSM phone tracking is likely to display a circle around the phone but not the exact location, and even precision is dependent on factors such as network coverage, terrain, and weather conditions. The postal address of the missing cell phone can be reliably located using GPS and

Google maps. Smartphones, which are Android-based smartphones with new features and a multitasking operating system, have become a constant requirement in human life. We can connect with people all over the world using smartphones, and we can also store a lot of personal information in them, such as phone numbers. Personal photographs, passwords, records, bank account information, and so on. Android apps are rising in number, and Android devices are becoming increasingly compact. Nowadays, each of us carries a high-value or cutting-edge mobile device, which instills in us the fear of it being stolen.

## 1.1 EXISTING SYSTEM

For continuous user monitoring and disambiguation of candidate user positions, the current framework used an access point-based environmental profiling scheme and a viter bi-like algorithm. By using various services such as E-Mail and Camera, the proposed device technique is used to enhance anti-theft for Android-based cell phones. If the SIM card is modified, GPS is automatically enabled, and the thief's exact location is recorded. The camera is turned on immediately, capturing the thief's picture and recording the thief's voice. The user registration module allows users to sign up for the app. In the internal database, the programme can collect user information such as email address, alternative phone number, and SIM unique identification number. If the registration is successful, the application will start a theft detection service in the background. Start various services in the Stolen Reporting Module, such as the camera and GPS monitoring service.

The Camera service is used to take a picture of the person who stole the phone and to capture the surroundings using video and sound. Theft Recognition Module User Registration Module for Stolen Reports The GPS monitoring service is used to map the smart phone's current location. If the application has obtained all of the necessary details, it will send an email to the device's registered owner. When a cell phone is lost or stolen by a criminal, the mobile theft application is used to provide strong security to the phone. It sends the thief's location and photographs to the user's alternate phone number or email address. Theft



smartphone can be easily identified. It just takes a small amount of time. The whole procedure is automated.

## 2.2 PROPOSED SYSTEM:

The method for improving anti-theft for Android phones by using various services such as e-mail and camera.

- In the user's mobile device, an Android-based application is installed to monitor the SIM Card ID (IMSI). If an Android phone is stolen, the SIM card will almost certainly be replaced; however, since our programme is running in the background of the phone, it will track the SIM Card ID.
- If the SIM card is modified, GPS is enabled automatically, and the thief's exact location is recorded. The camera is turned on immediately, capturing the thief's picture and recording the thief's voice.

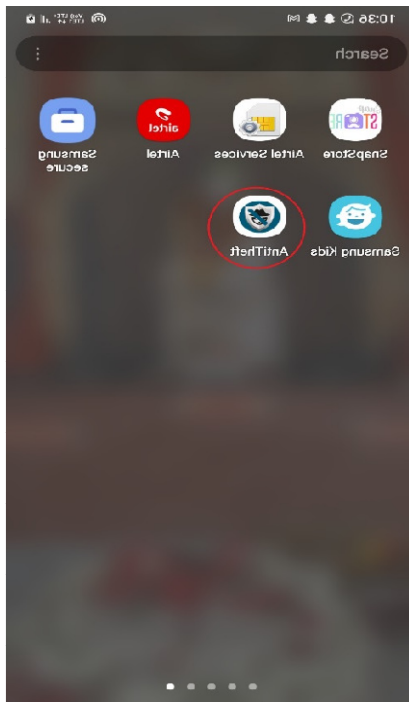


Figure 1: User Interface Screen

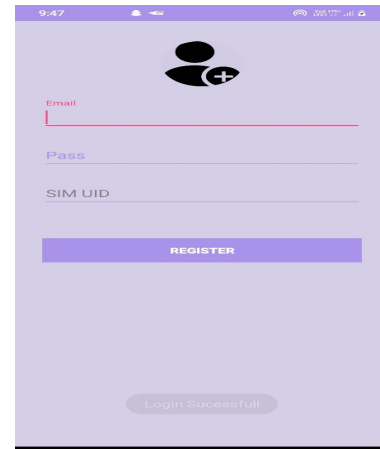


Figure 2: Login Page

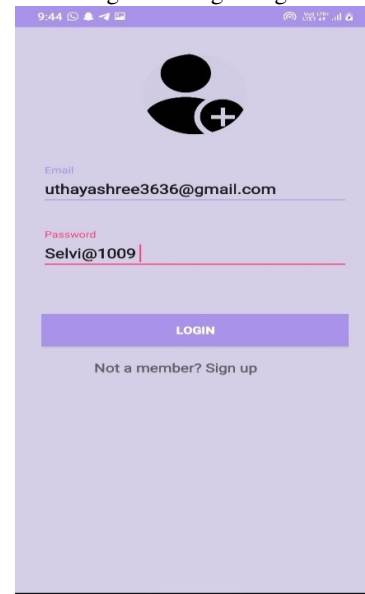


Figure 3: Authentication Page

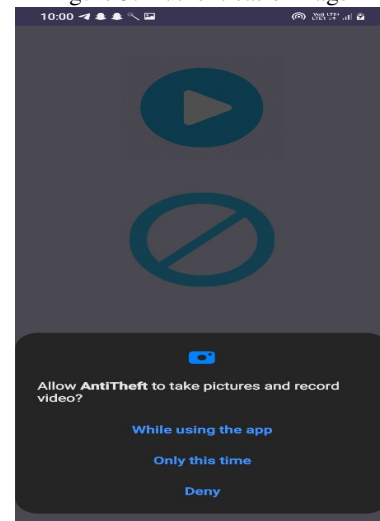


Figure 4: Update page

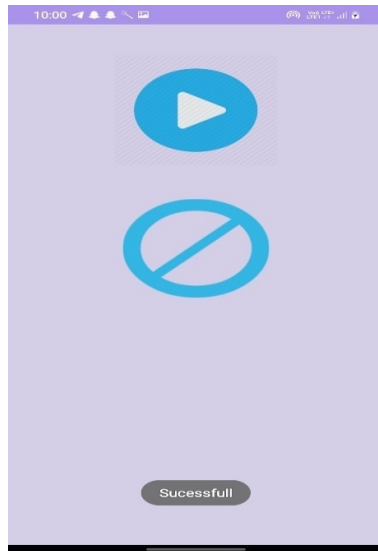


Figure 5: Crime Report

### Conclusion:

This is an Android application that allows you to find and track your phone.

This is a unique efficient framework with a range of features that improves the current mobile tracking system because we are using a completely new technology with multimedia message and

camera functionality that will undoubtedly make tracking the mobile phone far easier.

An anti-theft framework for Android devices is presented in this document.

When a user installs this programme, it will meet the user's long-term needs by supplying email. Using a sensor and a camera, the user can quickly detect the thief and stop the theft. This application will be further developed and improved due to numerous technological updates.

This application is currently only available for Android devices.

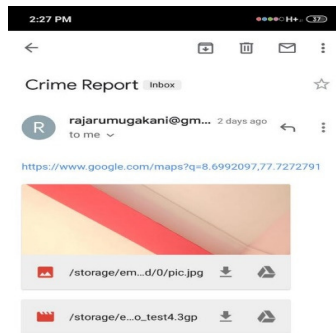
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