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Full Length Research Article

SMS BASED E-MAIL SENDING TECHNICQUES IN ANDROID MOBILES

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ABSTRACT

The usage of smart phone among people is increasing rapidly. Now days we are dependent on our mobile phones, if we forget the phone at home or somewhere place that time we can access the mobile phone remotely using the application. By using this application user can send e-mail in our mobile even if mobile is very far from us, by sending a single text message we can send e-mail from our remote mobile. To accomplish this task first step we need to turn-on the cellular data for that we have to send SMS to our mobile through remote mobile. Second step we have to send SMS (formatted SMS) for e-mail sending operation. Then we can also attach the file with our e-mail.

INTRODUCTION

Small Message Service is common way of communication, now a day's most of the communication done by the SMSs. We are live in a technology fulfilled world, so we want to do most of the work in automation. In this paper we describe how to send e-mail in our mobile phones even if it is far from us and how it will respond for our request automatically like an intelligent device. Our application create a client server relationship between mobile phones in which the mobile requesting to send e-mail via SMS will act as client and mobile serving the sending E-mail will act as server. In our existing application various operations can be performed like storing and fetching the device's location sending SMS to our mobile phones through the remote mobile, auto responding to the incoming messages, finding and fetch the details about SIM and mobile and we can switch off our mobile via sending a SMS to it. Our proposed application we enable the operation like sending e-mail to our mobile phones through our remote mobile. Sending a e-mail function can be accomplished by a small formatted text message from the remote mobile to our mobile where it is far away from the user.

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Before executing this sending e-mail function, we need to turn-on our mobile data, so for that from the remote mobile phone need to send SMS which describe to turn-ON the cellular data (Mobile data), then only we can send e-mail from our mobile. Next very important feature is security which is very important and necessary aspect of this application. To use this software application we have some fixed formats of SMSs that are needed to be sending on the android mobile on which application is installed. These formats are discussed later sections in this paper.

ARCHITECTURE

INTRODUCTION TO ANDROID

Android is a software platform and OS for mobile device based on the linux operating system and developed by Google and the Open Handset alliance. It allows developers to write managed code in a Java-like language that utilizes Google-developed Java libraries, but does not support programs developed in native code. It is used to write applications for Android. Unlike other embedded mobile environments, Android applications are all equal, for instance, an applications which come with the phone are no different than those that any developer writes.

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