PC Control through Android Application

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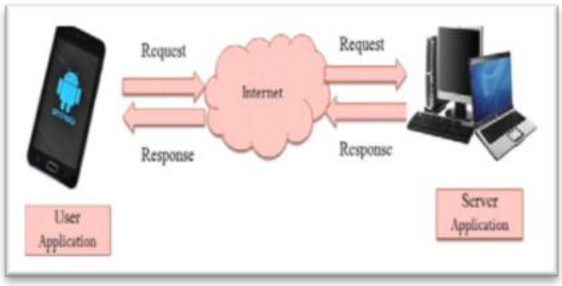
***Abstract*- Data losses due to unauthorized access, modifications, and reproductions have increased. Also, the threat to our personal data from hackers who are continuously looking for the vulnerabilities in our system. So, there is a need to protect our important data from these threats. Mobile and cloud computing have emerged as the new computing platforms and are converging into a powerful cloud-mobile computing platform our application securely transfer text data from one mobile device to another device. It uses the concept of cryptography to secure the data stored on mobile phones.**

INTRODUCTION

Now-a-days we are so dependent on our mobile phones, that we need mobile phones in our daily routine. Making mobile phones as a helping hand, we need to be in touch with it continuously. Sometimes mobile phones may not be in reach of the users; at that time we think that it would be good to access our mobile phones remotely. There are some applications that made possible to access Personal Computers remotely via mobile phones. In this paper, we will access android smart phones remotely via Personal Computers. We are making use of a server and client end. The developed application will create a connection between a Personal Computer (server) and android smart phone (client). This application will give a solution to access, control and monitor android smart phone remotely. User will be able to retrieve data like all-call logs, SMS & operator information. Hence, this application can be used as monitoring and controlling system for android smart phones.

Remotely accessing any interactive computing devices has become an interesting section of active users. Every user wants to access the remotely placed computing devices efficiently. Traditionally, the users are accessing the remotely placed Personal Computers via mobile phones, but it would be interesting if we will able to access remotely placed smart phone via Personal Computer, which is capable to perform the discussed task effectively. Even if the mobile is out of reach of the user, he/she still can access, control and monitor the android smart phone. In this paper, we are discussing the conceptual idea of the application and way to achieve the stated goal. This application makes use client-server architecture to establish connectivity and can operate. The application is cost effective as it can be able to operate on basic configurable Personal Computer (server) and Android mobile phone (client). The system is very much compact and easy to deploy on user side. Hence, this paper focuses on analyzing and recommending a way to achieve a remote connectivity between mobile phone and Personal Computer.



LITERATURE SURVEY

Now-a-days we are so dependent on our mobile phones, that we need mobile phones in our daily routine. Making mobile phones as a helping hand, we need to be in touch with it continuously. Sometimes mobile phones may not be in reach of the users; at that time we think that it would be good to access our mobile phones remotely. There are some applications that made possible to access Personal Computers remotely via mobile phones.

HARDWARE REQUIREMENT
MOBILE: ANDROID BASED SMART PHONE
RAM: 512 MB
FRONT END: ANDROID (GUI COMPONENT)
BACK END: ANDROID (FILE SYSTEM)

SOFTWARE REQUIREMENT
OPERATING SYSTEM: ANDROID
IDE: ANDROID STUDIO
WEB SERVER: TOMCAT

III. FUTURE SCOPE

- This application can be used mainly in the industry and IT sector's. Its can be used as a good product for the seminar purpose in the IT sectors and industry planning which can make a good gesture while doing a presentation .
- The upcoming generation can have a benefit with this application because know a day's crowd is focus on remote access method in large scale.
- The youth of this generation are mainly focus on easy access technology and time consumption.

VII. CONCLUSION

We conclude that our application is beneficial for the access anything from computer though the mobile control. Remote access is also helpful for manager different type of file transfer load. It can be helpful in the seminar of the IT sectors for the good gesture .It can also use for the schools and colleges purpose for time consumption.

VIII. ACKNOWLEDGMENT

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