WhatsApp Call Recorder

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***Abstract*- Android is a most widely used mobile operating system which has been developed by Google. It is being used by various smartphones, such as the Motorola Droid, the Samsung Galaxy, and Google's own Nexus One. Android programs are generally written in Java and run through Google's "Dalvik" virtual machine, which is optimized for mobile devices. Users may download Android "apps" from the online Android Market such as Google play store. WhatsApp Call Recorder is an Android based mobile application for any type of user for generalpurpose. Its use is to record the WhatsApp calls whether calls are incoming or outgoing. This would be helpful for investigation purpose a lot because a user will be recording every call he/she receives or makes.**

Keywords- Call recording, VoIP calling, WhatsApp call.

I. INTRODUCTION

This development gives a computerized voice recording stage that is utilized for live call recording voice logging. The account is done by Android Programming Application runs on a cell phone or PC framework, which might be a conventional PC or a telephone for voice over web convention (VOIP) correspondence. As cell phones become increasingly far reaching and amazing, they store progressively touchy information, which incorporates not exclusively clients very own data yet in addition the information gathered by means of sensors for the duration of the day. A cell phone call recording and recorded call recovery framework records phone discussions and stores the recorded discussions on web-based interface. At the point when a client gets the call on the web, the call will be put away on the web- based interface alongside the immediate application. At the point when the client will get calls offline, then all calls recorded just android application. Be that as it may, when the internet is on in the telephone, all the recorded calls are consequently saved on the web-based interface.

II. LITERATURE SURVEY

After going through all the IEEE papers on WhatsApp call recording using android, we have come up thinking that technology plays a vital role in every aspect.

Whether it is about WhatsApp voice call recording.Some paper suggest that the application should feature such as There is a simple way to do that. You can put your phone on speaker and record the WhatsApp call using another device. If the second handset doesn't have a recorder, then you will have to download a third-party app from Play.

If you want to record casual WhatsApp calls, then for that there are a bunch of call recording apps on Google Play Store. Some of them work and some don't. We tried a bunch of them, and found "Record WhatsApp calls" is one of the best WhatsApp call recording apps on the Play Store. It has a simple UI and gets the job done with zero efforts from your side. The app automatically records your WhatsApp calls and the audio files can also be uploaded to Google Drive. You are allowed to set fingerprint or Pin lock so that only you can access the recordings.

III. PROBLEM STATEMENT

As per the market study we had found out that, there are many app which can record the calls on WhatsApp but not completely.

There is some inefficiency in this process.

As per present scenario the application present in the play store only records the voice of user. Voice of other party is not recorded directly.

To record the voice of user as well as other party, user has to put the call on speaker then record it. But it will disturb the privacy of user.

IV. EXISTING SYSTEM

Existing systems records phone calls and VoIP and supports call recording for few versions of android devices. They save incoming and outgoing calls on your phone in 3gp format.

V. PROPOSED SYSTEM

Call recording is becoming increasingly important, with technology changing and working habits becoming more mobile. Addressing mobile recording is now the subject of many financial regulators' recommendations. It is also increasingly important to business continuity planning, especially for pandemic planning. The actual recording takes place on a recording system with software for the management of calls and security of recordings. Most call recording software applications rely on an analogue signal via either a call recording adapter or a telephony board.

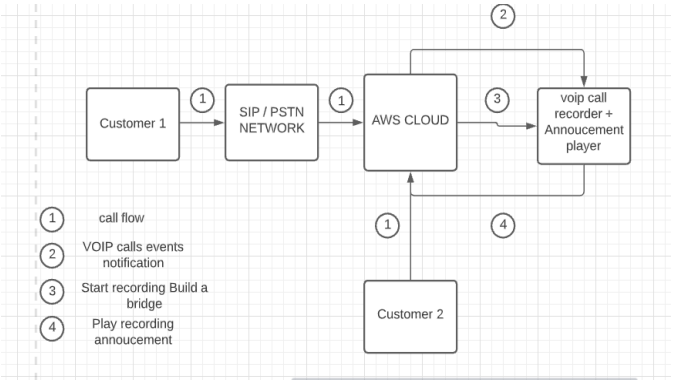

Fig.1 Architecture diagram for WhatsApp Call Recorder

The architecture diagram identifies various modules such asMonitor Module, Fork Module, Record Module and Barge Module.

The system architecture consists of system components andthe sub-systems developed, that will work together to implement the overall call recording system.

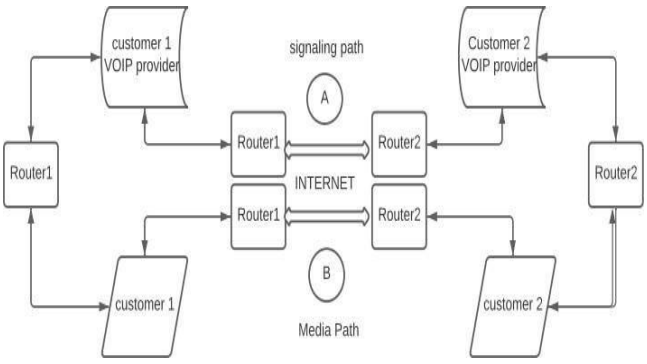

Fig.2 Data flow diagram for WhatsApp call recorder- Level0

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VI. LIMITATIONS

The working of this software depends on different versions of Android OS and different mobile brands. On some mobiles it records only caller's voice and in some mobiles itcan record both the voices i.e caller and receiver. This Android Application has impediments. Just android cell phones and iPhones can be associated with versatile servers as of now. Every cell phone can just utilized by application at once. This might be tended to through versatile virtualization. We will likewise considering and upgrading the issue testing capacity in forthcoming work

VII. CONCLUSION AND FUTURE ASPECTS

This paper contributes a significant job in digital investigation, cyber crime, use recording calls for improving staff preparing, business, call focuses and which might be utilized for different purposes, for example, for client care administrations and so on. The experience of making Android Application and dashboard usefulness is very testing yet inspiring and fulfilling.

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