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ANDROID AND BLOCKCHAIN BASED CRIME POSTING AND LOCATION BASED SECURITY SYSTEM

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ABSTRACT:

In the Existing system, the ancient times, there exist all kinds of criminals in the world. In order to punish them, most users usually encourage the people to provide the evidence of a crime. In the Proposed system, we propose the novel concept of block chain-based anonymous reporting scheme with anonymous rewarding (BB2AR). Our BB2AR scheme solves the open problem statement: how to realize the anonymous reporting and the anonymous rewarding simultaneously? First, we procedure the system model, definition, and security model of BB2AR. In the Modification, Android user can post dangerous location based on the event happened in that particular place. User can post image or crime activity happened in that place. The crime data is updated in the server only when more than 3 user have posted the same event in that place. Once the event is posted, automatic alert is displayed to all the general users who cross that place.

INTRODUCTION:

World is full of all kinds of temptations. In order to satisfy their own lust, some weak-willed government officials and enterprises may commit a crime to grab and take the money, power, reputation, etc. Kindness and evil exist in the world simultaneously. In order to punish the criminals, the authorities will try various methods to discover the evidence of a crime. Among them, reporting with prizes is a very valid method. In 2012, employee of the United Bank of Switzerland, Bradley Birkenfeld, was rewarded 104 million dollars due to his reports on companies' tax evasion. In 2013, Federal Bureau of Investigation cooperated with national white collar crime center to set up Internet Crime Complaint Center (IC3). IC3 is responsible for the reporting from the victims. In order to build a more convenient reporting environment, many countries develop the reporting system on the network. These countries include United States of America (USA), China, Singapore, Australia, etc. On the basis of the above social reality, it is important to protect the whistleblower from the revenges of the reported criminals. Thus, anonymity is the basic security requirement in the reporting system. At the same time, in order to improve the work efficiency of the authority, digital signature is necessary. In the various digital signature mechanisms, ring signature can be

used to leak the secret because it can realize the unconditional anonymity in the signature procedure.

OBJECTIVE OF THE PROJECT:

The objective of the project is to post crime on the application using mobile application.

EXISTING SYSTEM:

The earlier times, there exist all kinds of criminals in the world. In order to punish them, most user usually encourage the people to provide the evidence of a crime.

DISADVANTAGES:

- Crime will be intimated through notice board
- There is no device to identify the crime place

PROPOSED SYSTEM:

We propose the novel concept of blockchain-based anonymous reporting scheme with anonymous rewarding (BB2AR). Our BB2AR scheme solves the open problem statement: how to realize the anonymous reporting and the anonymous rewarding simultaneously? First, we procedure the system model, definition, and security model of BB2AR .

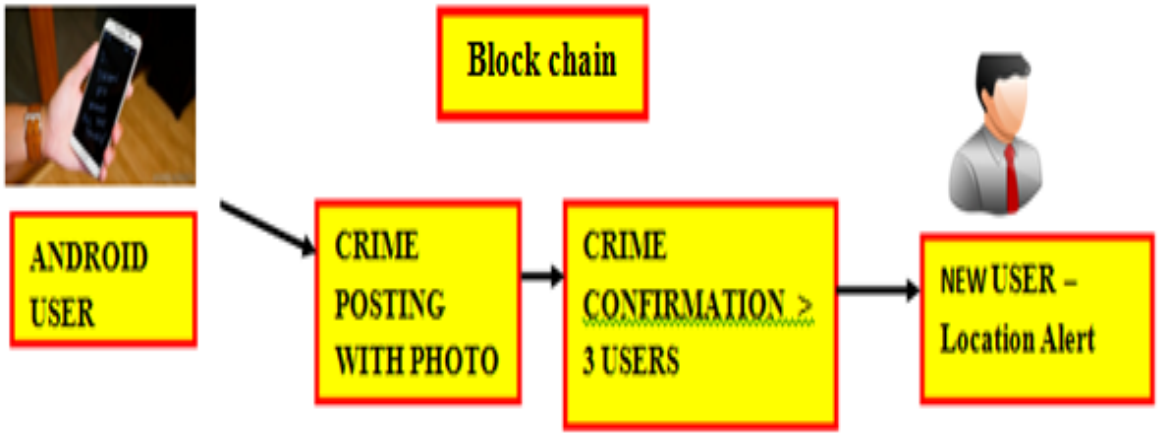
MODIFICATION:

Android user can post dangerous location based on the event happened in that particular area. User can post image or crime activity happened in that place. The crime data is updated in the server only when more than 3 user have posted the same event in that place. Once the event is posted, automatic alert is displayed to all the general users who cross that place.

ADVANTAGES:

- User can update about crime
- Automatic intimation will be send to upcoming people
- Location will also updated

ARCHITECTURE DIAGRAM:



ANDROID DEPLOYMENT:

Android deployment is the process of creating an application using android. Mobile Client is an Android application which created and installed in the User's Android Mobile Phone. So that we can perform the activities. The Application First Page Consist of the User registration Process. We'll create the User Login Page by Button and Text Field Class in the Android. While creating the Android Application, we have to design the page by dragging the tools like Button, Text field, and Radio Button. Once we designed the page we have to write the codes for each. Once we create the full mobile application, it will generated as Android Platform Kit (APK) file. This APK file will be installed in the User's Mobile Phone an Application.

SERVER:

The Server is Server Application which is used to communicate with the Mobile Clients. The Server can communicate with their Mobile Client by GPS Technology. The Server Application can be created using Java Programming Languages. The Server will monitor the Mobile Client's accessing information and Respond to Client's Requested Information.

CRIME POSTING:

In this module, user can report about crime . if they know about crime places user can take photo from that place and post that image on that application. If more than three person post that same image server will consider that as a crime .

LOCATION BASED ALERT:

In this module user posted crime will be send as a alert for other user as alert . at the same time they can post about crime and they can post about crime made on any other location.

FUTURE ENHANCEMENT:

Once user selects source and destination from the android application system should intimate all the nearest crime occurred places. This system will effectively notify the users and suggest the best route for the safety travel.

CONCLUSION:

Thus the paper infer that posting crime using mobile application is very easy and user can check the acceptance of complaint .

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