Alert System for New User to Create Safe Area Using Blockchain

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Abstract: *In the current electronic world, more losses are impacted by cybercrime. Digital worlds are totally open and it is incredibly easy to focus on data or cash related information from any individual, open and private associations and so on, since, endlessly, the web is open, taking data on the unstable mechanism of the channel is outstandingly straightforward. Thus, guaranteeing bad behavior data requires advanced layers of safety counter to the cybercrime. Data confirmation is one of the first noteworthy systems to stay away from data from digital guilty parties. In this data confirmation procedure, cryptology has basic influence against the cybercriminal on the unstable correspondence channel. It gives data security, sort out security, sagacity and character organization to get to the data approved workforce. Various open and private key systems are proposed for getting data, regardless there are as yet a piece of challenge exist in this substance. Most unmistakable encryption methods, for example, RSA, Elliptic curve, DES and AES are working. In this undertaking about a new cryptography method forestalling the cybercrime in view of the blockchain.*

Keywords: Blockchain, Cyber crime, AES Algorithm, Data Encryption

I. INTRODUCTION

The web has given culprits an entirely unexpected technique for exploiting organizations and individuals for their own special advantage. Cybercrime can be portrayed as violations performed through a PC and the web. What makes cybercrime difficult to indict is that web advancement grants people to execute bad behaviors from wherever in the world. The developer who exhausted your monetary equilibrium could be your close by neighbor or someone going against the norm side of the world. Presently clients don't have thoughts regarding wrongdoing in new regions. Human wellbeing is the most significant variable in the world. Additionally the wrongdoing information is accessed by programmers or assailants by hacking action so we will construct a framework which gives security to the two pieces of information and humans by utilizing blockchain shrewd contact.

Cybercrime is considered as PC correspondence get practices which are either un legal or considered denied by unambiguous get-togethers and which can be controlled over furthermore, got done with complete association medium. Cybercrimes imply criminal clatter in which the association or PC is a principal piece of the wrongdoing to take responsibility for contraption or association . Individual and association security is one of the critical issues in the present electronic environment. Getting individual data and government information are facing huge troubles against cybercrime. Network security experts are at this point endeavoring to encounter advanced crooks with the help of various plans and techniques. In the policing organization, it is important to convey the detainee record broadly and globally without compromising the security. To fulfill such interest, it is fundamental to have exact and minuscule records to such an extent that detainees' records get internationally accessible and without bypassing the security strategy. As of late, we have surveyed the new innovation named as square chain where an individual has zero control over the entire chain framework. In the CRC, we propose to utilize such innovation for forestalling the risk of data adjusting is diminishing. Also, the attribute of the blockchain suggests that it is unbelievably difficult to break and besides the risk of information being slowed down is altogether lessened from current structures that use standard automated data sets. One of the marks of our structure is to ensure that proof information isn't modified during getting to of the detainees record in the court. The detainees' records are put away in the cloud and their logs and provenance are set in the blockchain

II. PROBLEM STATEMENT

The main goal is suggesting the best set of options to the user. For a specific user we had their song history frequency list liked songs. From all this information we had to predict what songs the user might like then the question comes: how can we use all this information to achieve our goal. As it not a straightforward task to find the relevance between various songs it might be possible that one song which looks similar to other may be completely different and users may dislike that song or may be that song is not of users taste there are lots of user around the world and lots of songs so making a relevance between songs and users is a tedious task.

III. OBJECTIVES

- To implement security system by using blockchain smart contract
- To encrypt data of crime data report
- To create safest area for new user
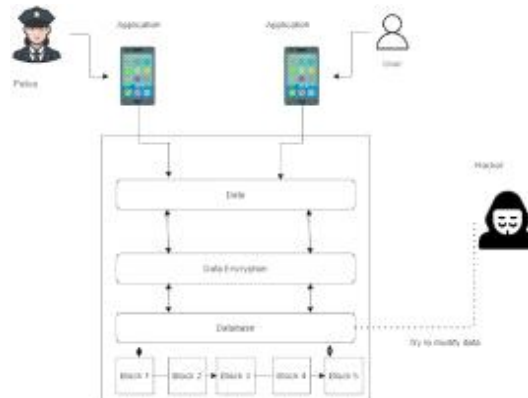- To prevent crime report from hackers

IV. METHODOLOY

4.1 User
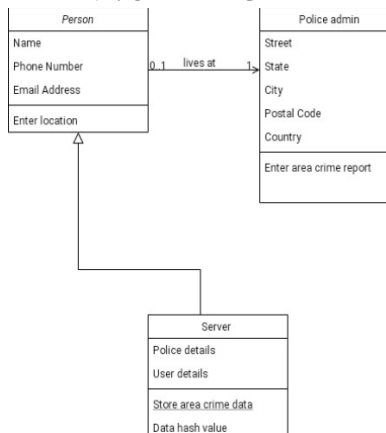User will search the area by submitting the area name and check the crime report of area.

4.2 System
System will Store all user information and area crime information.

V. SYSTEM ARCHITECTURE

VI. UML DIAGRAM

VI. CONCLUSION

We implemented a system to provide data security to crie area data uploaded by crime branch , Also create safe areas for users by showing area crime reports to users. We implement the AES algorithm to provide security to data. AES algorithm gives best accuracy for security of data.

VII. ACKNOWLEDGMENT

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