Crowd Coin

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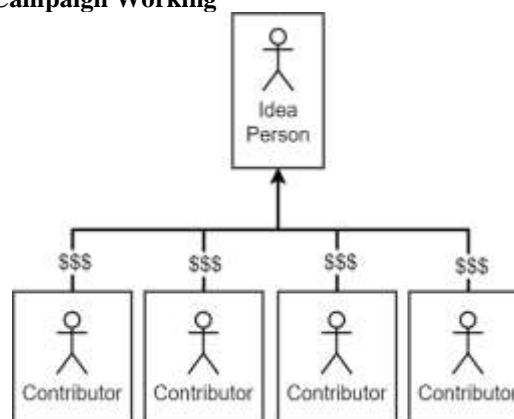*Assistant Professor, HMRITM, Delhi, India.*

ABSTRACT: Crowd sponsorship is an online fundraising strategy that started as a way for the community to donate less money to help smart people fund their projects,With fundraising, people can invest in starting businesses through a broker, such as a broker-dealer. The problem with current sites is that they do not provide a Donor Assurance Policy again they have no control over the money they donate. This paper is designed to raise money for more people using blockchain technology, With this, we can provide a safe, secure and transparent way for crowdfunding. The function of this paper is to provide interactive forms to create a campaign, donation and application authorization where both campaign creators and donors can easily create and fund campaigns. The donor can track the money sent to them. Blockchain will record all transactions with the store like a block.

I. INTRODUCTION

Increasing Transparency and Preventing Fake Actions from around the world Startups and Platforms have been developed to date to Kickstarter. Although strict measures such as symmetric encryption are in place to make e-payment safer and more secure, it is still vulnerable to theft. Businesses with electronic payment systems have to incur additional costs in purchasing, installing and maintaining a complex payment security expert. There is no guarantee that the people who submit the projects to Kickstarter will submit their projects, spend the money to complete their projects, or that the completed projects will meet the expectations of the sponsors. A KickStarter image built using smart contracts that are solidly written. Making transaction histories more vivid and secure using blockchain technology. Because Blockchain is a distributed platform, all network participants share the same text as opposed to individual copies. Donors can decide where to invest and can approve funding requests made by Project Creators with their votes. The creator can only use the money if a small number of donors approve a particular request. It

will ensure that the money is spent on Needs instead of luxury items.

Campaign Working
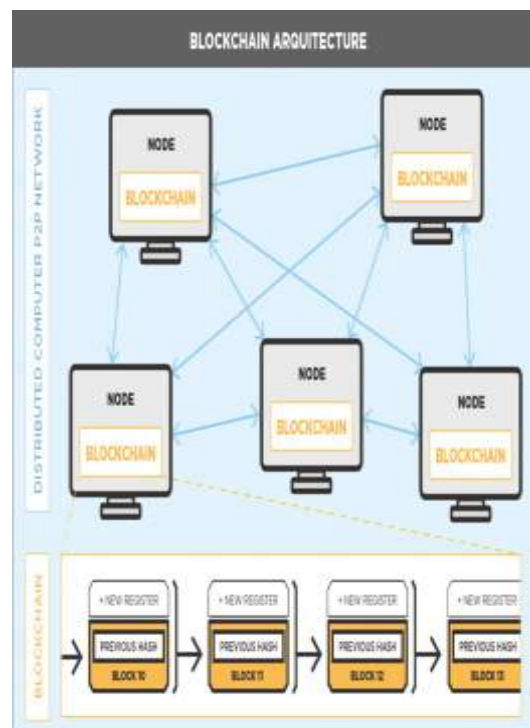
II. BACKGROUND

Blockchain : Bitcoin is the first concept of a fixed currency has attracted a lot of attention. Time set of tasks recorded in files called "blocks".Each block contains a value block of the previous block, and they eventually build a hash series called a community blockchain, which does not change the order of the distributed ledger. Users donate computer services to competing for the right to record transactions on the blockchain, and the winner will be rewarded with coins and transactions money. Blockchain technology provides new guidance for us reducing the role of the middle person in the current society. And we can easily link the blockchain to the financial sector (e.g. Bitcoin), but a new strength of blockchain applications much more than this. Applications in different areas, such as Micropayment schemes, naming and storage system as well sharing health records, based on blockchain technology

Network : Blockchain uses peer-to-peer (P2P) network, which is a distributed application structure. Unlike Client mode / Traditional server, Nodes in P2P network are equivalent right without communication between servers or fixed hosts, that is, they are both suppliers and service buyers.

Blockchain Paradigm : Blockchain can be considered a commercial-based state machine. Each region includes information such as nonce, account balances, disclosure dataof the physical world, etc. Updated from genesis state to a final condition after each purchase.

Smart Contract : Smart contract, referring to Blockchain 2.0 , proposed by Nick Szabo(1994). Demonstrates complex understanding by organizing the normal process into code and representing implementation of a contract-based contract. It is actually a automated digital contract in secure secure number network intervention and peer verification. The main reason because it's hard to see a smart contract before that it's hard to do find an expanded secure area that does not change it is orderly. The advent of blockchain technology could solve it this problem completely.currently, there are several blockchains systems that support a clever agreement, of which can be famous Ethereum and Hyperledger. They are designed to runsmart contract without fraud, downtime and any third party interference.

Limitations and Challenges
- As we know that blocks in any blockchain once created cannot be changed. The same goes for a smart contract. Once a smart contract is built, it is finalized and cannot be changed. If there is an error in a smart contract, one cannot immediately correct it. We need to update it properly following the blockchain.

- There are no blockchain technology suspensions and not even smart contracts. So one does not know about the best ways to smart contracts. This becomes the main reason for the ban on cryptocurrencies by India. A lot of illegal settlement can happen with the help of smart contracts. It is therefore a high security risk that needs to be addressed with appropriate regulations.

- Double spending is one of the most common blockchain problems. In digital foreign money, double expenditure way a sure amount of money spent on multiple interest. thinking about the overall state of affairs, then we will say that double spending whilst we spend 10 rupees in locations.This means we pay 10 identical rupees instead of two 10 different rupees. This can also happen while voting. One voter vote can be used to vote.

- Eclipse attacks are another misleading act in blockchains where an unreliable harp (node) assumes the responsibility of internal and external patient interactions, from now on separating the patient from all parts of the system. The criminal may then be able to prevent the patient from entering the system, and oblige them to use their computer power in a different outdated version of the blockchain system, or far away from taking the ability to change the blockchain. his wrong tests. In addition to preventing and undermining the integrity of the blockchain system, an eclipse attack could be the start and intensify of other potential attacks, for example, selfish mines.

The Future Blockchain-based Applications
The crowdfunding sector is growing rapidly. Many online fundraising forums have been developed in recent years as an alternative to traditional funding methods.There may be an in-depth function of a secure and relied on discussion board for crowdfunding or crowdsourcing at the improvement of clever cities and clever countries.

The authors offer a detailed understanding of the relationship between smart cities and crowdfunding.It is vital to interact the following generation of talent in a new way to increase a wiser kingdom round the arena.

The rapid growth of information technology and related talent has created competition among investors to look for the best talent available. In addition, a variety of technical guides, offering a wide range of options for applicants to choose from. In such a situation, it is important to connect the right investors with the best developers in a secure and cost-effective manner. Blockchain technology helps create a user-divided network where transactions are recorded in an open distributed directory. These blockchain features enable a transparent and affordable platform for investors.

The world has become more complex in the last few decades. From Covid to climate change, from financial crises to genetic engineering, the common thread of modern life is complex. Navigating the levels of difficulty we face today requires new systems. In particular, systems - such as those in nature - are flexible and adaptable to change and unpredict. Collaborative systems use our communications - in new ways - to resolve emergencies.

Blockchain generation is a powerful tool for creating and directing various and allotted human networks - in truth, new kinds of economically linked groups - on a scale that handiest governments and massive organizations can recognize. This is possible because:

- **It is easy to reward participation** : Just as the internet changed the world by making it easier to share information, blockchain is a revolution in a way that makes it easier to share value.
- **Consistency :** The main advantage of open blockchain contracts is that as software components, they can be mixed and matched or linked, like Lego bricks, to open up completely new ideas, tools, and usage cases.

III. CONCLUSION

Blockchain in crowdfunding is a new concept in society. We considered that and designed it this app so that even the average person can easily use it. But this is not the end. With the emergence of Blockchain and the launch for ICOs, our application has a bright future and a wide range of development and evolution. The world is still preparing for Blockchain and Cryptocurrencies will also take a few more years for Ethereum based Dapps to become popular and popular. known to the public. In such a case the Blockchain-based crowdfunding application is a difficult concept to understand by everyone. We have considered that and designed this app so that even the average person can easily use it. But this is not the end. With the advent of Blockchain and the launch of ICOs, our application has a bright future and a wide range improvement and evolution. In the future, we wish to provide an easy and safe way for all ideas to come to life through our own crowdfunding application.

NOTES AND REFERENCES

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