

Cryptography Project

Team Members

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CrowdFunding Using Blockchain

- Blockchain and Crowdfunding are revolutionizing traditional finance and venture capital.
- Investors will be fully aware of where their money is exactly being used if crowdfunding is facilitated by blockchain.

What Is Crowdfunding?

Crowdfunding gives you a single platform to build, showcase and share your pitch resources.

It involves funding a project or venture by raising small amounts of money from a large number of people. A person having similar interests become more aligned with the idea and become an active shareholder of the stock in the company in exchange for his/her investment.

Understanding the problems

- 01 In crowdfunding, the funding process is not safe and not accessible to investors.
- 02 There is a direct involvement of third party in crowdfunding.
- 03 Traditional online crowdfunding still suffers from roadblocks and fees associated with international borders and barriers of entry for casual investors.

How Blockchain Can Solve It ?

- Blockchain can securely record limitless amount of transactions in a cryptic block of algorithmic code.
- It provides multiple opportunities for customization.
- It makes the process completely transparent and decentralized.
- It bypass the middle-man and engage directly with other parties.
- Maybe what is most important is that the balance of power will shift back in favour of the entrepreneur.

Plan Of Work

- Studying about Blockchain, the methodology and the working principles (mid February)
- Implementing a Basic Example (Late February)
- Implementing Blockchain along with the methods (Late Feb - March)
 - createBlock()
 - verifyTransaction()
 - mineBlock
 - viewUser()
- Creating ways to encrypt and serialize Images and Text (March - April)
- Debugging and Improving the Code Base (April)

Thank You
