

Web3 Community-Based Crowdfunding Platform With Block-Chain Transactions

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I. ABSTRACT

The "Web3-Based Crowdfunding Platform with Blockchain Transactions" project aims to revolutionize crowdfunding by integrating Web3 technology and blockchain. It empowers creators with a secure, transparent, decentralized environment, using smart contracts and blockchain for trust and ownership. Objectives include a user-friendly platform, decentralized identity, and blockchain transactions for fundraising. Ethereum or similar networks host smart contracts, ensuring transparency and global accessibility. This initiative fosters collaboration, innovation, and financial inclusivity, bridging the gap between creators and backers for a new era of decentralized fundraising.

II. INTRODUCTION

In an era defined by the transformative influence of technology on our daily lives, the intersection of web3 innovation, communal dynamics, and blockchain technology is reshaping the landscape of crowdfunding. At the forefront of this technological revolution stands the "Web3 Community-Based Crowdfunding Platform with Blockchain Transactions," an ambitious endeavor poised to usher in the next generation of crowdfunding. This visionary project envisions the creation of a cutting-edge, all-encompassing crowdfunding platform intricately interwoven with blockchain transactions. It brings together the strengths of a dynamic community interaction app and a web3-driven crowdfunding platform fortified by blockchain's inherent security, thereby empowering users to engage in crowdfunding campaigns within a vibrant and secure online community.

The primary objective of this groundbreaking project is to reimagine the very essence of crowdfunding, transcending the limitations of traditional models by leveraging the power of

web3 technology and blockchain. At its core, this platform is designed to provide users with a seamless and secure experience, from user authentication through MetaMask integration to campaign creation and management. Users can log in using various methods, including email/password or social logins, while linking their Ethereum wallets to facilitate secure and transparent transactions. This integration fosters trust and transparency, enabling users to participate in crowdfunding campaigns with confidence, knowing that their contributions are protected by blockchain's immutable ledger.

The platform's user-centric design is a testament to its commitment to fostering community engagement and transparency. It not only showcases the latest crowdfunding campaigns and community interactions on its homepage but also provides tools for campaign creators to interact with supporters through threaded discussions. Real-time event listening and instant updates through webhooks ensure that users remain informed and engaged throughout the campaign lifecycle. With a responsive design optimized for various devices, coupled with a focus on user experience and transparent transactions, the platform promises to offer an immersive and enjoyable crowdfunding experience that transcends the boundaries of traditional crowdfunding models.

A. Problem Definition

Modern crowdfunding platforms suffer from transparency, security, and fund management issues. Centralized systems lack ownership control and global reach. To address this, a decentralized blockchain solution is vital. Such a platform can assure transparency by recording transactions on an immutable ledger. Smart contracts streamline fund management, reducing errors and disputes. Security improves as blockchain eliminates centralized vulnerabilities. Project creators and backers gain ownership and control, fostering direct interaction. This transformative approach promises a transparent, secure, and globally accessible crowdfunding ecosystem poised to reshape

the industry and empower innovation.

B. Project Overview

The project aims to revolutionize crowdfunding using Web3 technology and blockchain transactions. By addressing transparency and security issues, it seeks to create a decentralized platform. Blockchain ensures transparent transactions, while smart contracts automate fund management. Decentralized identity solutions enhance security. Creators gain ownership control, and backers engage directly through tokenized investments, eliminating intermediaries. This innovative approach promises a transparent, secure, and globally accessible crowdfunding ecosystem, fostering collaboration and empowerment.

III. LITERATURE REVIEW

[1] Saniya Zad, Zishan Khan, Tejas Warambhe, Rushikesh Jadhav (2022) Crowdfunding using Blockchain Technology

The research article examines the idea of crowdsourcing, a cutting-edge financial system that has garnered a lot of popularity recently. Crowdfunding is the practice of obtaining financial support from a large number of donors for projects or campaigns, generally through online distribution channels like Kickstarter, Indiegogo, and mystarttr.com. It provides a low-cost technique for obtaining funding, increasing the potential market for creative endeavors, lowering investment risk, and adapting financing strategies to various enterprises.

The study highlights crowdfunding as a typical financing option that is available to both individuals and corporations. It underlines the potential and difficulties that investors and businesses both confront in this changing finance market.

The article discusses a number of crowdfunding-related topics, such as goal-setting, platform selection, trust, and interest-building. It makes use of earlier research to offer perceptions on the crowdfunding scene. The proposed system's ultimate goal is to establish a platform for effectively advertising projects and generating funds, thereby enhancing the popularity of crowdfunding as a source of finance for both artists and investors.

[2] Shrishti Varshney, Satyam Aggarwal, Vinay Sharma, Rahul Sharma (2023) Crowd Gain – Crowdfunding Web Application Based on Blockchain using Ethereum

The concept of blockchain-based crowdfunding is covered in the research paper using Ethereum and MetaMask as the primary technologies. It emphasizes the benefits of decentralized crowdfunding, focusing on safety, openness, and less fraud when compared to conventional techniques. The Ethereum network's smart contracts are essential for automating fund distribution based on predetermined criteria.

A browser extension called MetaMask makes it easier for users to connect with decentralized apps. The Third Web, which promises a safer and more decentralized internet and is closely related to blockchain technology, is also mentioned in the report.

The "Crowd Gain" platform under consideration includes transactional procedures, smart contract deployment, and campaign design. Donations are made through MetaMask, and if the funding target is reached before the campaign's end, the smart contract instantly delivers the funds to the creator; otherwise, contributors receive a refund.

The benefits of blockchain-based crowdfunding, such as improved security and lower costs, are highlighted in the conclusion. In addition to outlining potential future research areas for regulatory frameworks and risk management, it highlights difficulties such as regulatory problems and investment hazards.

In conclusion, the article promotes blockchain-based crowdfunding as a safe and effective method of project funding that has advantages over more conventional approaches. It does, however, accept that in order for this fundraising strategy to continue to expand, regulatory issues must be addressed, and investment risks must be reduced.

[3] Firmansyah Ashari, Tetuko Catonsukmoro, Wilyu Mahendra Bad, Sfenranto, Gunawan Wang (2020) Smart Contract and Blockchain for Crowdfunding Platform

The incorporation of blockchain technology and smart contracts into crowdfunding procedures is examined in this research study, with a focus on overcoming the difficulties brought on by the COVID-19 pandemic. The study highlights the crucial role that trust plays in fundraising efforts and looks at the ways in which technological advancements might improve trust among various parties, including funders, fundraisers, and intermediary organizations.

Donation-based, pre-selling, and equity crowdfunding are the three basic categories used in the article to classify crowdfunding. Fundraisers, funders, intermediary groups, and banks or other financial institutions are the four main parties it names as being involved in crowdfunding.

The study describes the typical crowdfunding pipeline, which includes registering fundraisers and funders, creating campaigns, raising money, and disbursing it. It underlines the problems with the conventional model, including verification, reliance on outside parties like banks, and time-consuming procedures.

[4] Md Nazmus Saadat, Syed Abdul Halim, Husna Osman, Rasheed Mohammad Nassr, Megat F. Zuhairi (2019) Blockchain-based crowdfunding systems

In order to solve problems like fraud and project delays, this research paper examines how blockchain technology, in particular Ethereum smart contracts, may be applied to crowdfunding platforms. Crowdfunding is the practice of raising money for initiatives without the help of established financial institutions by using online platforms. The article emphasizes the advantages of crowdsourcing, including its quick fundraising and higher investor involvement.

It also highlights important flaws in conventional crowdfunding,

such as fraud, a delay in incentives, and inadequate communication. It is suggested to use blockchain technology, which is well renowned for its decentralization and transparency. Smart contracts automate campaign execution, and the blockchain's tamper-proof record ensures stakeholder trust while reducing fraud and delays.

The paper describes the consensus algorithms and blockchain components in detail, highlighting their dependability and transparency. It talks about how smart contracts might be incorporated into crowdfunding to increase security by constructing contracts that retain funds until a project's goals are completed.

The research lacks specific findings and analyses despite discussing system design and Ethereum's Rinkeby network. Overall, the research points to the potential benefits of integrating blockchain and smart contracts to increase crowdfunding transparency and trust, benefiting both campaigns and contributors while solving significant problems with the current crowdfunding environment. The system will be improved with ERC-223 tokens in the future for faster operations.

[5] HELPING MINDS – CROWDFUNDING PLATFORM POWERED BY BLOCKCHAIN (2023) **Paranthaman P, Shakthy Balan D, Sukumar G, Brinda P**

This study proposes a crowdfunding application that uses blockchain technology to address pressing issues facing the industry. By-passing conventional financial intermediaries like banks and venture capitalists, crowdfunding has arisen as an alternative funding source for entrepreneurs and companies. However, it has problems, including high transaction fees, little transparency, and the possibility of fraud, which scares prospective investors away and restricts market expansion.

Using blockchain technology could be a solution. By boosting accessibility and transparency, it offers a decentralized, safe platform that can transform crowdfunding. This revolution is made possible by smart contracts and automated blockchain programs that guarantee fair and transparent fund distribution while getting rid of middlemen and fraud threats.

With the help of blockchain technology and smart contracts, the proposed crowdfunding application will give business owners a transparent and approachable fundraising platform while giving investors safe ways to support cutting-edge ventures.

The article also examines similar research in the area, stressing the potential of blockchain technology as well as its drawbacks, including scalability and regulatory issues. Decentralization, open smart contracts, accessibility on a global scale, instantaneous settlements, and improved investment protection are benefits of the proposed system. Regulatory issues, scalability restrictions, and technical complexity are a few of the difficulties that must be overcome.

The tools and frameworks are described in the methodology section, with an emphasis on their careful selection for a safe and effective crowdfunding application. In conclusion, blockchain-powered crowdfunding shows promise for a future where fundraising is more open, effective, and accessible.

[6] DECENTRALIZED CROWD-FUNDING USING BLOCKCHAIN - Ashish Sharma, Paras Chugh, Himanshu Singh Bisht (2022)

This research article explores the integration of blockchain technology into crowdfunding, aiming to address issues related to fraud and misuse of collected funds. The study begins by providing an overview of crowdfunding, its rapid growth, and its various types, including donation-based, incentive-based, equity-based, and debt-based crowdfunding. It emphasizes crowdfunding's potential to disrupt traditional fundraising methods.

The article then delves into the role of blockchain technology in crowdfunding, explaining blockchain's immutable and decentralized nature, which enhances transparency and trust. It discusses the distinction between public and private blockchains and highlights Ethereum as an example of a decentralized public blockchain that supports smart contracts.

The methodology section outlines how blockchain can be used to create a decentralized crowdfunding platform, focusing on the Ethereum blockchain's smart contract capabilities. The proposed system involves two smart contracts: one for managing fundraiser programs and the other for tracking transactions and details of each fundraiser program. The process includes starting a fundraiser program, creating spending requests, implementing a voting mechanism for spending requests, and returning funds to contributors if not used.

In conclusion, the article acknowledges that decentralized crowdfunding is a relatively new concept with potential challenges and legal issues. However, it expresses optimism about the future of blockchain technology in crowdfunding, highlighting the need for further research and advancements in the field.

In summary, the research article explores the integration of blockchain technology into crowdfunding as a means to enhance transparency, security, and trust in the fundraising process, ultimately offering a potential solution to issues such as fraud and misuse of funds.

[7] Venturing Crowdfunding using Smart Contracts in Blockchain - Nikhil Yadav and Sarasvathi V (2020)

The writers of this study piece examine the drawbacks and shortcomings of conventional crowdfunding platforms as well as the ways in which blockchain technology can resolve these problems. In traditional crowdfunding, there are frequent middlemen who demand high fees, and these platforms might not ensure that the cash generated will be used as promised. Additionally, the fact that investors often have little control over the money they provide can breed unhappiness and distrust.

The authors suggest a blockchain-based approach for crowdfunding to address these issues. Transparency is provided through blockchain technology, which lowers the risk of fraud by generating an open and unchangeable ledger of all transactions. The entire process of crowdfunding is automated by smart contracts, self-executing pieces of code, starting with project creation and fundraising all the way through to spending

request approval. By ensuring that money is only distributed when certain criteria are satisfied, this automation increases contributors' trust.

Writing smart contracts in the Solidity programming language, compiling them, and deploying them on the Ethereum blockchain are all steps in the development of this system. The development of a user-friendly decentralized web application will help project managers and contributors communicate with one another.

This blockchain-based method of crowdfunding has many benefits. Knowing that their money is trapped in smart contracts until certain project milestones are reached, contributors have more control over their contributions. Less reliance on middlemen and improved fund management are advantageous to project managers. Both sides save money when middlemen are removed from the equation.

According to this study, blockchain technology has the ability to greatly enhance the crowdfunding ecosystem by making it more efficient, secure, and transparent. It also emphasizes the expanding significance of blockchain technology across a range of sectors, such as banking and fundraising, opening the way for decentralized and trustworthy systems that give people and organizations more power.

[8] Crowdfunding Platform using Smart Contracts - Raunak Sulekh, Manas Katiyar, Devang Trivedi (2023)

The main focus of this research paper is to explore the use of blockchain technology to create a crowdfunding platform with a focus on improving transparency, security, and decentralization. It begins by highlighting the limitations of traditional crowdfunding platforms and introduces the concept of blockchain technology and smart contracts as potential solutions.

The paper discusses the architecture and functionality of a crowdfunding platform built on a blockchain network, emphasizing its ability to provide safe and transparent fundraising, money tracking, and incentive delivery. It also discusses the advantages and challenges of implementing such a platform, including user acceptance and regulatory considerations.

The primary goal is to leverage Ethereum's smart contract technology to enable global participation in fundraising campaigns, giving contributors more control over their contributions and fostering trust between fundraisers, donors, and the platform.

The findings suggest that a blockchain-based crowdfunding platform can address many of the shortcomings of conventional platforms, as evidenced by a review of existing literature and case studies.

The paper covers keywords like Crowdfunding, Smart Contracts, Blockchain, Ethereum, and Cryptocurrency. It is structured into several sections, including an introduction, a discussion of traditional fundraising problems and solutions, a review of related literature, a section on smart contracts, a proposed system using blockchain, and a module description.

In conclusion, blockchain-based crowdfunding platforms offer transparency, security, and efficiency advantages over traditional counterparts, potentially transforming how funds are raised for social causes and projects. As blockchain technology continues to evolve and gain wider acceptance, these platforms have the potential to create a positive social impact by democratizing fundraising and ensuring the accountable use of funds.

[9] Blockchain-Based Crowdfunding - Siddhesh Jadye, Pratik Tayade, Gaurav Patil, Ashutosh Yadav, Vivek Lone (2023)

This research paper explores the use of blockchain technology to create a crowdfunding platform, emphasizing transparency, security, and decentralization. It addresses the limitations of traditional crowdfunding platforms and introduces blockchain and smart contracts as solutions. The proposed system leverages Ethereum's smart contracts to enable global fundraising campaigns, offering contributors more control and fostering trust.

The paper covers keywords such as Blockchain, Smart Contracts, Crowdfunding, Ethereum, and Cryptocurrency. It is structured into several sections, including an introduction, a literature review, and a conclusion.

Blockchain technology is introduced as a secure and tamper-proof ledger, while smart contracts are discussed as self-executing agreements on the blockchain.

The crowdfunding process is explained, highlighting the role of administrators, startup creators, and contributors. The use of blockchain and smart contracts ensures transparency, security, and efficiency in this process.

The literature review includes studies on the use of blockchain in crowdfunding platforms, emphasizing transparency, information symmetry, and security. It also compares blockchain-based and traditional crowdfunding approaches, highlighting the advantages and disadvantages of each.

In conclusion, blockchain-based crowdfunding platforms offer reliability, transparency, and trustworthiness compared to traditional platforms. The immutability of blockchain data and the automation of smart contracts improve security and reduce fraud. However, further research is needed to enhance blockchain technology for more complex applications.

[10] Decentralized Crowdfunding Platform Using Ethereum Blockchain Technology - Siddhesh Jadye, Swarup Chattopadhyay, Yash Khodankar, Dr. Nita Patil (2021)

This research work explores the potential benefits of integrating blockchain technology into various industries, emphasizing its security, trustworthiness, and efficiency compared to traditional methods. It acknowledges the challenges faced by traditional systems due to their complexity and lack of security.

The paper highlights the advantages of blockchain-based systems, including increased security, transparency, efficiency, and reduced fraud. It acknowledges that despite these

advantages, the adoption of blockchain technology is hindered by a lack of knowledge.

The focus of the research is on crowdfunding platforms and how blockchain technology can address issues faced by traditional crowdfunding methods. It discusses the differences between traditional and blockchain-based crowdfunding platforms and highlights the benefits of implementing blockchain in various sectors.

The methodology section introduces the concept of smart contracts and how they can be used to improve crowdfunding processes. It describes the workings of the Ethereum network and its role in deploying and managing smart contracts.

The paper also discusses the comparison between the proposed blockchain-based crowdfunding method and existing methods. It points out that the proposed method provides contributors with more control over their contributions, reduces the risk of fraud, and ensures transparency.

Siddhesh Jadyetechnology to enhance various industries, particularly crowdfunding. It suggests that blockchain can provide decentralization, fraud prevention, security, and efficiency. Overall, the research work aims to raise awareness of blockchain-based systems' benefits and their potential to improve transparency, efficiency, and security across industries.

IV. SURVEY

A. Existing System:

Here are some existing solutions for Web3 community-based crowdfunding platforms with blockchain transactions:

Bitcoin Grants: Using the decentralized crowdfunding site Bitcoin Grants, anyone can provide money for the creation of open-source software. Its native currency is the Bitcoin token (BTC), and it is constructed on the Ethereum network.

DAOstack: A collection of protocols and tools called DAOstack enables users to establish and oversee decentralized autonomous organizations (DAOs). There are many uses for DAOs, one of which is crowdfunding.

Aragon: Aragon is an Ethereum blockchain platform that lets users design and control decentralized apps or dApps. It comes with a range of modules that may be used to create various dApps, such as platforms for crowdfunding.

Colony: Using the Colony platform, users can establish and oversee decentralized networks of independent contractors and freelancers. Hiring independent contractors to complete projects can be utilized to crowdfund them.

FundRequest: With FundRequest, people may support projects without relying on a central authority, thanks to its decentralized crowdfunding platform. It allows producers of campaigns and donors to make payments easier by using the Request Network (REQ) token.

B. Proposed System

Platform Integration and Accessibility: Wallet integration allows users to be seamlessly integrated into Web3, facilitating safe and decentralized transactions on the Ethereum and Polygon blockchains. With the introduction of a single cryptocurrency via our platform, you may wave goodbye to conventional banking systems and enjoy streamlined, consistent transactions.

Crowdfunding and NFT Marketplace: Make the process of crowdfunding simple for everyone, from campaign creation to contribution. In order to give customers even more value, our platform now offers a marketplace for purchasing and selling digital assets.

User Experience and Engagement: Encourage user participation and collaboration to build a strong sense of community and group decision-making for campaign support. For everyone, our thoughtfully created interface guarantees a visually appealing and intuitive experience.

Tax Efficiency and Security: Use our escrow account function and the option to convert cryptocurrency into stablecoins like USDT to effectively handle your tax obligations. Utilize blockchain networks to reduce the need for middlemen while improving security and transparency.

Global Reach and Financial Innovation: Eliminate regional restrictions to enable global access to P2P lending and crowdfunding options. In addition to making crowdfunding simpler, we also help the decentralized finance (DeFi) ecosystem expand by providing consumers with access to NFTs and cryptocurrencies.

Sustainability and Scalability: To guarantee sustainability, we've thoughtfully constructed an architecture on the Ethereum and Polygon blockchains. Future development and scalability are facilitated by our unique cryptocurrency.

V. RESULT

The project combines Web3 and blockchain for transparent and decentralized crowdfunding. It offers a user-friendly platform, decentralized identity, and global fundraising through smart contracts on networks like Ethereum. It fosters collaboration and financial inclusivity, transforming crowdfunding.

Web3, a community-based crowdfunding platform with blockchain transactions, sounds like an innovative and comprehensive solution. It addresses several key challenges in the shift from Web2 to Web3 and offers a range of features to make it appealing to users. Here's a concise summary of our project's results:

Seamless Integration: Your platform is accessible and user-friendly, running on both the Ethereum and Polygon blockchains and integrating easily with well-known wallets like MetaMask.

Donations and Crowdfunding: Users have the ability to

start crowdfunding campaigns, and others can simply make cryptocurrency donations. Both campaigners and funders have a better experience because of the user-friendly UI/UX.

Community Engagement: By facilitating community dialogue and enabling funders to choose which campaigns to support, the platform encourages cooperation and a feeling of common purpose.

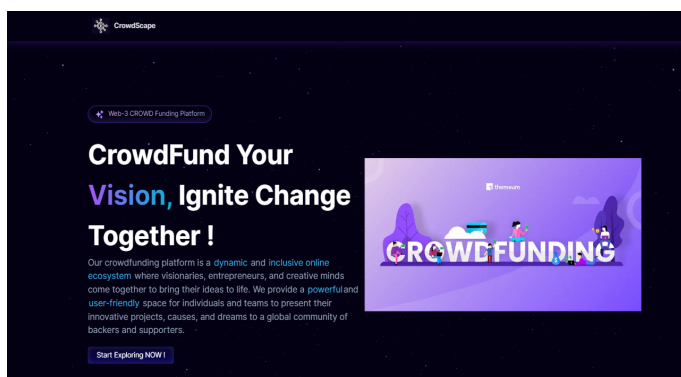
P2P Transactions: The platform's usefulness and adaptability are increased by allowing users to carry out peer-to-peer Bitcoin transactions.

Escrow Account: By allowing customers to convert their cryptocurrency holdings into stablecoins like USDT, your astute use of the escrow account function mitigates the tax ramifications of cryptocurrency donations. In addition to reducing taxes, this offers financial flexibility.

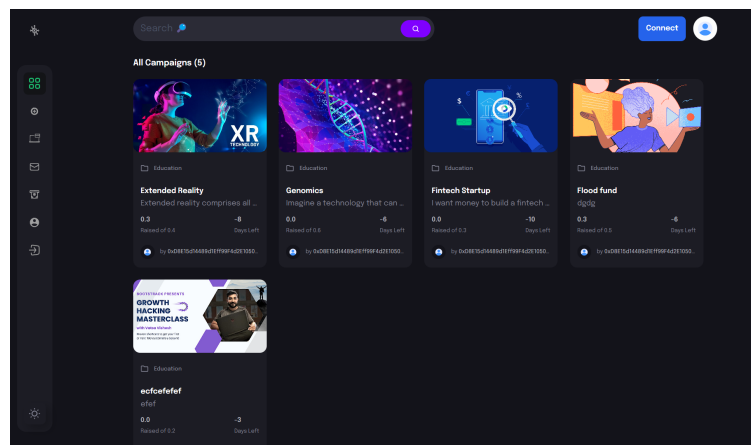
Unified Crypto: By introducing your own cryptocurrency, you can streamline operations and improve user experience by creating a consistent medium of transaction on the platform.

NFT Marketplace: Adding another level of functionality, the NFT marketplace lets users purchase and sell NFTs within the platform, even though it's not the primary focus.

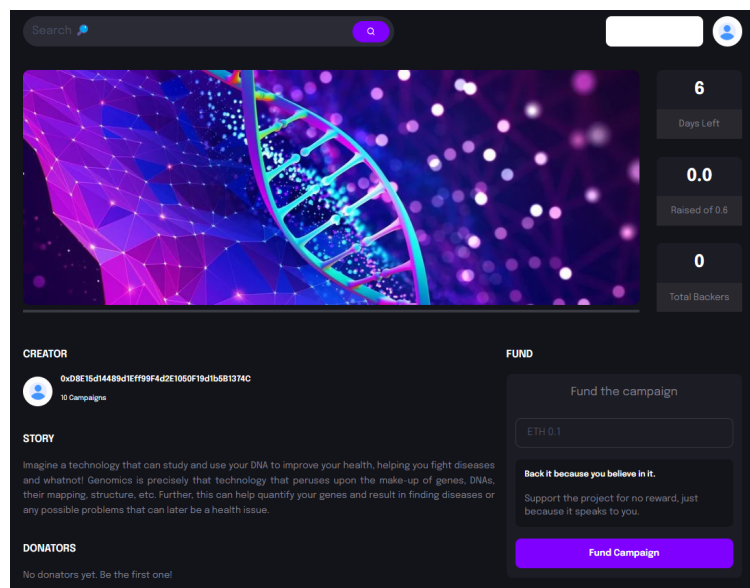
User-Friendly UI/UX: The platform places a high priority on having an intuitive user experience, which makes it easier for contributors and campaigns to navigate and more aesthetically pleasing, thereby increasing engagement.



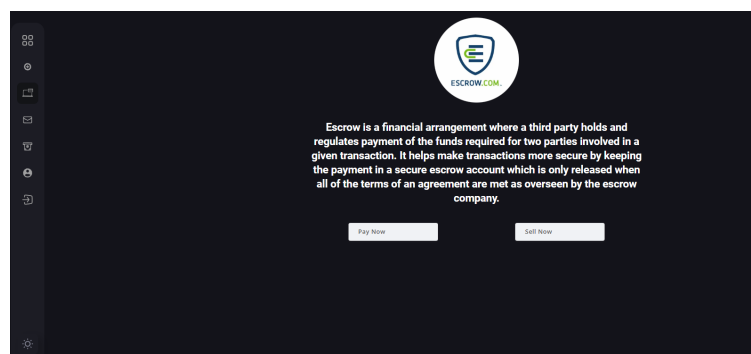
Crowdfunding Campaigns: Users can create campaigns for fundraising, providing essential campaign details such as name, title, story, fundraising goal, expiry date, and images to attract community support.



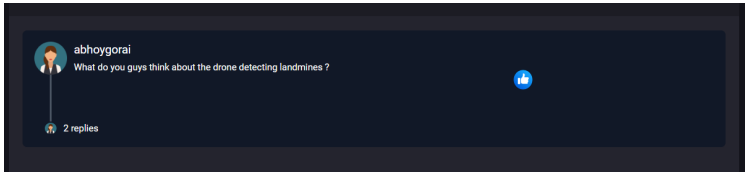
Donation Mechanism: Donors can choose campaigns to support and set the donation amount with ease, all while contributing cryptocurrency. Every donation is recorded and associated with the campaign that has received funding.



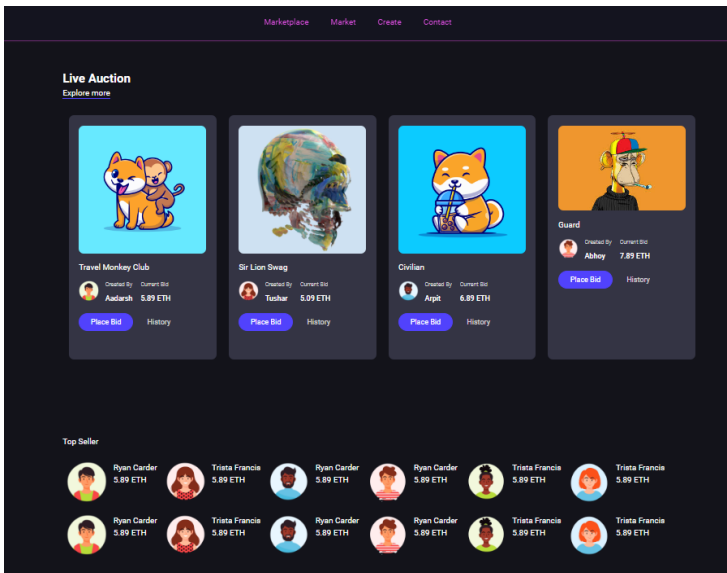
Escrow Account: Users can utilize the escrow account feature to exchange cryptocurrency into a stablecoin like USDT, helping mitigate the tax implications of crypto donations while providing financial flexibility and security.



Community Communication: Users can interact with one another within the platform, discussing campaigns, projects, and missions. The platform enables collective decision-making on fund allocation.



NFT Marketplace: Although it is not the main focus, users can purchase and sell NFTs on the site, expanding the ecosystem's potential. It is possible for users to make NFTs, cast bids, and take part in live auctions.



VI. CONCLUSION

To raise funds for initiatives, the suggested Web3 community-based crowdfunding platform with blockchain transactions would be a safe, effective, and easily accessible option. It wouldn't be governed by a single organization since it would be decentralized. It would be more impervious to fraud and censorship as a result.

Because of its efficiency, the platform would have cheap fees and quick transaction times. This would lower the cost of using crowdfunding to obtain capital for individuals and small enterprises.

The creation of the suggested platform would represent a substantial advancement for the crowdsourcing sector. It would support the development of a more cooperative and long-lasting crowdfunding ecosystem in addition to making crowdfunding more efficient, safe, and accessible.

Here are the key points of the conclusion:

1. The proposed platform would be decentralized, transparent, secure, efficient, and accessible.
2. It would be a more secure, efficient, and accessible way to raise money than traditional crowdfunding platforms.
3. It would foster a sense of community and collaboration among project creators and backers.

VII. REFERENCES

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- [2] Shrishti Varshney, Satyam Aggarwal, Vinay Sharma, Rahul Sharma (2023) Crowd Gain – Crowdfunding Web Application Based on Blockchain using Ethereum
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- [6] DECENTRALIZED CROWD-FUNDING USING BLOCKCHAIN - Ashish Sharma, Paras Chugh, Himanshu Singh Bisht (2022)
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- [8] Crowdfunding Platform using Smart Contracts - Raunak Sulekh, Manas Katiyar, Devang Trivedi (2023)
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VIII. REFERENCES TABLE

Year	Article Title	Authors	Tools/Software	Technique	Source	Evaluation Parameter
2022	Crowdfunding using Blockchain Technology	Saniya Zad, Zishan Khan, Tejas Warambhe, Rushikesh Jadhav	N/A	Crowdfunding	Research Article	Funding, Market Expansion, Investment Risk
2023	Crowd Gain – Crowdfunding Web Application Based on Blockchain using Ethereum	Shrishti Varshney, Satyam Aggarwal, Vinay Sharma, Rahul Sharma	Ethereum, MetaMask	Decentralized Crowdfunding	Research Paper	Safety, Openness, Fraud Prevention
2020	Smart Contract and Blockchain for Crowdfunding Platform	Firmansyah Ashari, Tetuko Catonsukmoro, Wilyu Mahendra Bad, Sfenranto, Gunawan Wang	N/A	Blockchain-based Crowdfunding	Research Study	Trust, Technological Advancements
2019	Blockchain based crowdfunding systems	Md Nazmus Saadat, Syed Abdul Halim, Husna Osman, Rasheed Mohammad Nassar, Megat F. Zuhairi	Ethereum, Smart Contracts	Crowdsourcing	Research Paper	Transparency, Fraud Prevention, Efficiency
2023	HELPING MINDS – CROWDFUNDING PLATFORM POWERED BY BLOCKCHAIN	Paranthaman P, Shakthy Balan D, Sukumar G, Brinda P	N/A	Crowdfunding Transformation	Research Study	Accessibility, Transparency, Investment Protection
2022	DECENTRALIZED CROWD-FUNDING USING BLOCKCHAIN	Ashish Sharma, Paras Chugh, Himanshu Singh Bisht	N/A	Decentralized Crowdfunding	Research Article	Transparency, Security, Trustworthiness
2020	Venturing Crowdfunding using Smart Contracts in Blockchain	Nikhil Yadav and Sarasvathi V	N/A	Blockchain-based Crowdfunding	Study Piece	Transparency, Fraud Prevention, Control
2023	Crowdfunding Platform using Smart Contracts	Raunak Sulekh, Manas Katiyar, Devang Trivedi	N/A	Crowdfunding on Blockchain	Research Paper	Transparency, Security, Efficiency
2023	Blockchain Based Crowdfunding	Siddhesh Jadye, Pratik Tayade, Gaurav Patil, Ashutosh Yadav, Vivek Lone	Ethereum, Smart Contracts	Crowdfunding on Blockchain	Research Paper	Transparency, Security, Decentralization
2021	Decentralized Crowdfunding Platform Using Ethereum Blockchain Technology	Siddhesh Jadye, Swarup Chattopadhyay, Yash Khodankar, Dr. Nita Patil	Ethereum, Smart Contracts	Crowdfunding on Blockchain	Research Work	Security, Trustworthiness, Efficiency