Abstract

Crowdfunding has emerged as a popular online fundraising strategy, enabling individuals to invest in innovative projects. However, existing platforms often lack transparency, exposing donors to potential fraud and delays in project completion. This paper explores the integration of blockchain technology to address these challenges and enhance the crowdfunding process.

Comparison with traditional crowdfunding platforms highlights the benefits of blockchain, including increased trust, reduced dependency on intermediaries, and faster fund disbursement. The decentralized nature of the blockchain eliminates the need for third-party validation, enhancing security and efficiency.

The future scope of the project includes the widespread adoption of blockchain technology in crowdfunding platforms globally. As blockchain becomes integral to online transactions, its application in crowdfunding is expected to offer a safe, transparent, and decentralized fundraising experience. While challenges exist, the project's prototype nature provides a foundation for further exploration and improvement.

In conclusion, blockchain-enabled crowdfunding presents a transformative solution for secure and transparent fundraising, addressing critical issues in the current crowdfunding landscape. The project contributes to the ongoing evolution of crowdfunding platforms, aligning them with the principles of decentralization and trust inherent in blockchain technology.