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(57) Abstract :

The present invention relates to a blockchain-based crowdfunding platform that leverages distributed ledger technology and smart contracts to automate and streamline the fundraising process. The platform enables creators to raise funds for projects in a decentralized, transparent, and secure environment. Smart contracts define the terms of the crowdfunding campaign, including the funding goal, timeline, and fund allocation rules. Investors contribute funds through cryptocurrency or digital tokens, which are securely stored in the smart contract until the predefined conditions are met. Once the campaign reaches its funding target, the funds are automatically released to the project creator. If the goal is not met, contributions are refunded to the investors. The platform provides enhanced transparency through a public blockchain, allowing real-time tracking of contributions and expenditures. Additionally, the system supports tokenized investments, where contributors can receive digital tokens representing ownership, profit-sharing, or exclusive rewards related to the funded project. The invention offers an efficient, cost-effective, and secure alternative to traditional crowdfunding methods, eliminating the need for intermediaries and reducing transaction fees.

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