

An abstract geometric pattern featuring a variety of shapes and textures. The design includes solid-colored shapes like a large yellow circle and a red square, as well as black-outlined shapes such as circles, squares, and a cross. Some shapes are filled with patterns of dots or diagonal lines. The composition is set against a white background and framed by a thick red border on the right and bottom.

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Problem Statement



**LACK OF
TRANSPARENCY**



**CENTRALIZED
VULNERABILITIES**

Proposed Solution



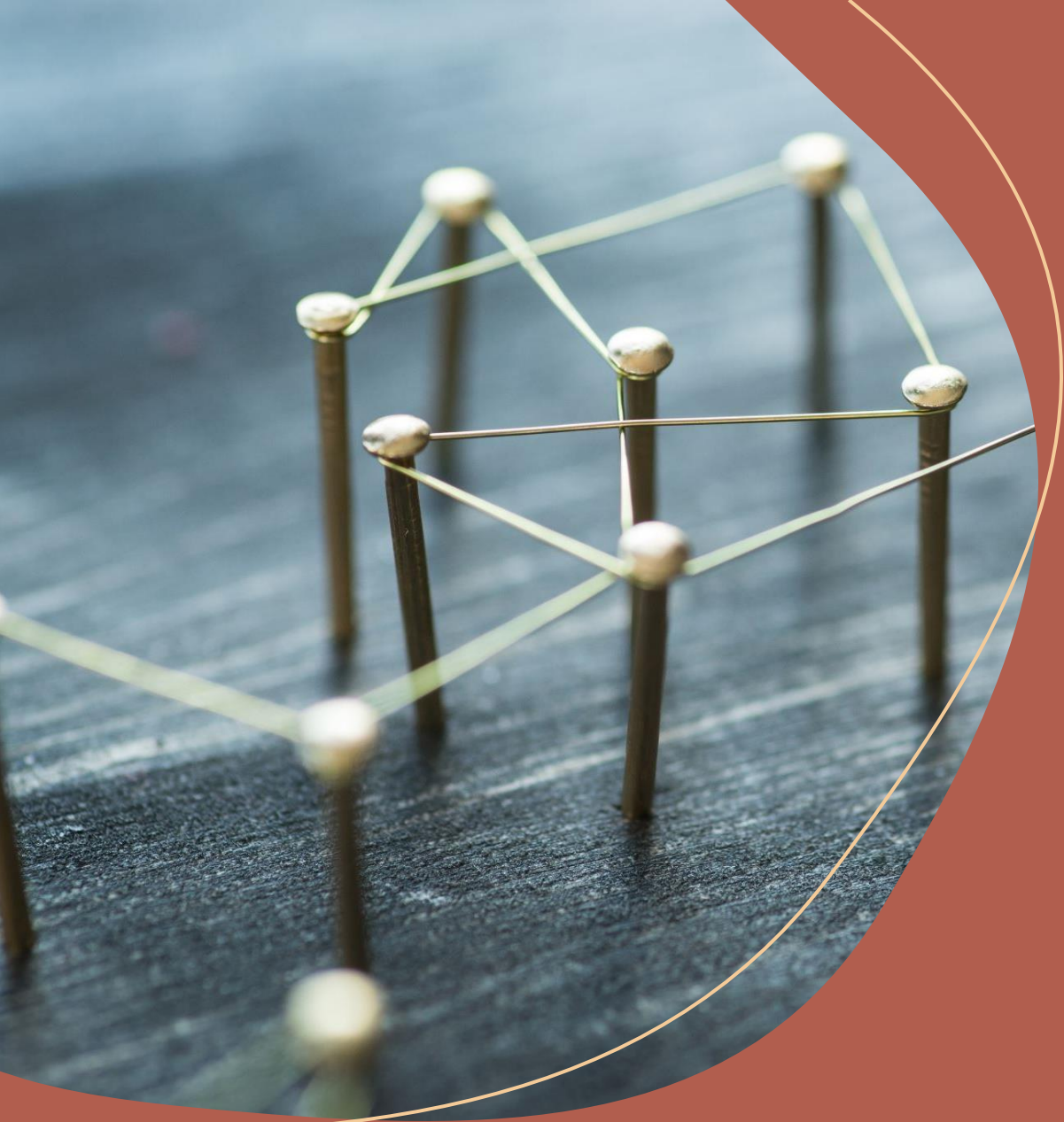
Decentralized Application can make this transparent fund distribution possible.



Users can donate Ether to the fund.



Utilizing blockchain technology like Ethereum, will avoid centralized vulnerabilities like single point of failure and centralization.



Why Ethereum?

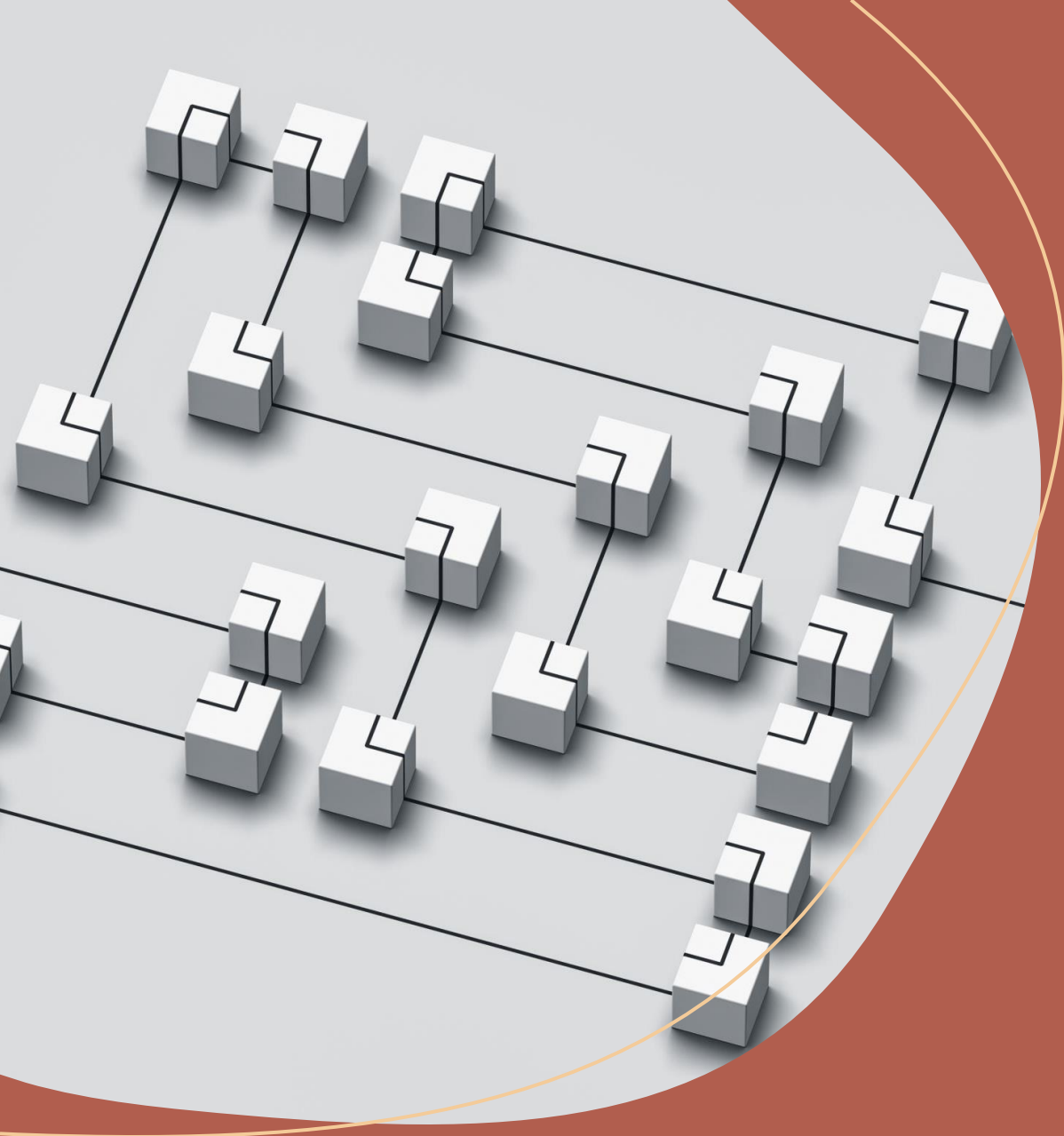
- Run without centralized control
- Cannot be taken down
- Using smart contract there is no need of intermediaries

Smart Assets and
Participants

Cryptocurrency (Ether)

Donors

Relief Fund dApp admin



Future Enhancements

- Convert the dApp to support multiple instances using Clone Factory pattern
- Upgrade to Layer 2 solution like Polygon
- Implement multiple cryptocurrencies
- Mobile Application

Conclusion

- By leveraging blockchain technology with this application, it delivers funds faster, secure and more transparent than existing system





DEMO



THANK YOU!