NGO's Fundraising Application

WHAT EXISTING SYSTEMS ARE LACKING OF?

1. Lack of Transparency
2. Chances of Transactional Fraud
3. High Transactional fees
4. Slow processing time

WHAT WE PROVIDE?

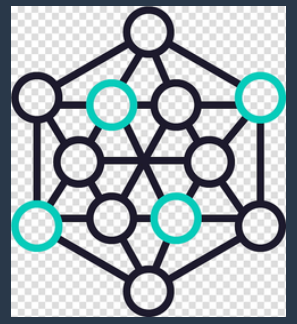
Our application with the help of Blockchain technology can provide a secure and tamper-proof platform for fundraising, for NGO's by eleminating the risk of fraud.

HOW DO WE DO THAT?

1

User Interface

2



Blockchain Node

3

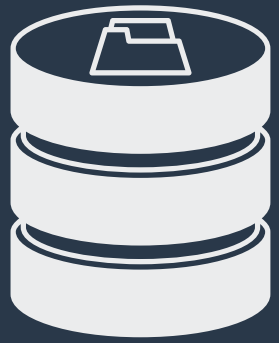
API'S

4

Smart Contracts

5

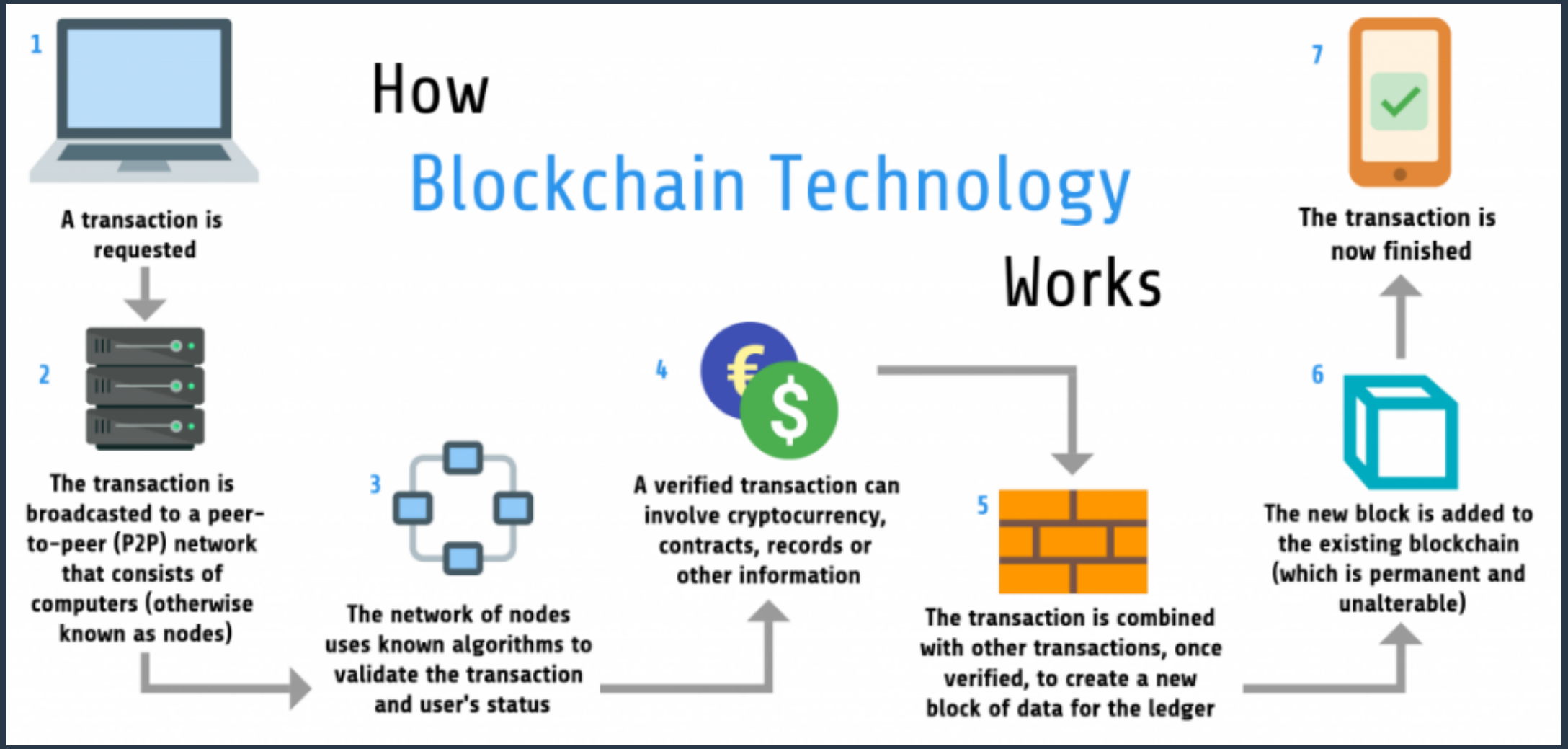
Data Stored
(Donations)



6

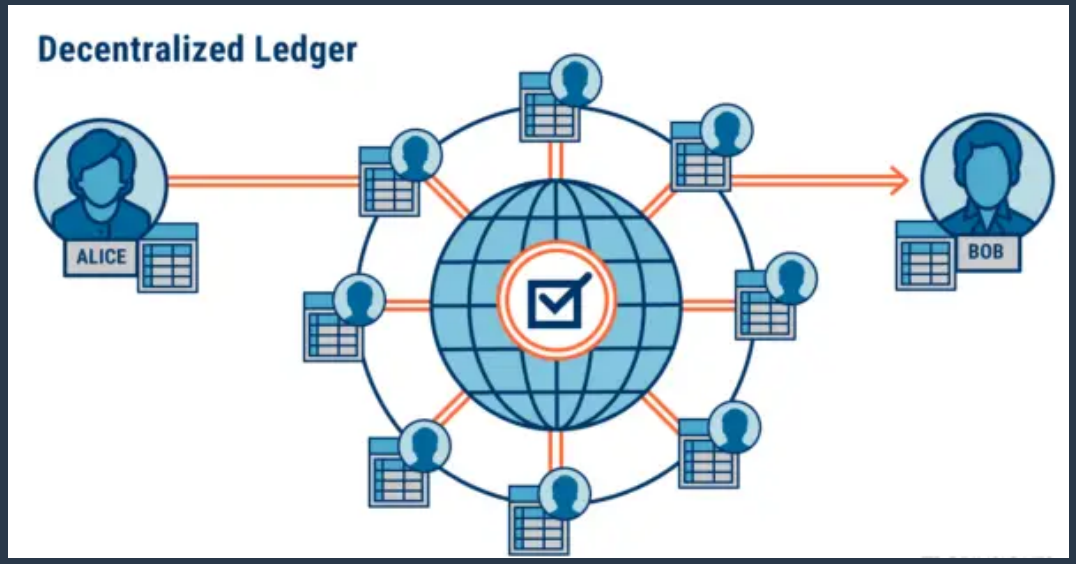
Identity Fetched

HOW BLOCKCHAIN WORKS?

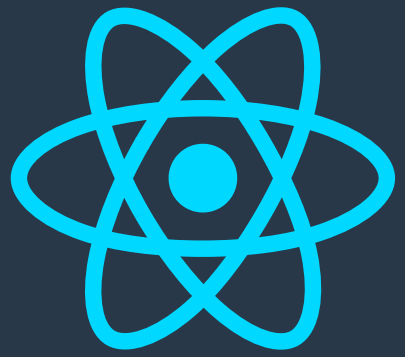


How the security is achieved?

Decentralized ledgers are often used in blockchain technology, which is a type of decentralized ledger that uses cryptography to secure and verify transactions on the network. Because decentralized ledgers are distributed across a network of computers, they are considered to be more secure, transparent, and resistant to tampering or hacking than traditional centralized databases.



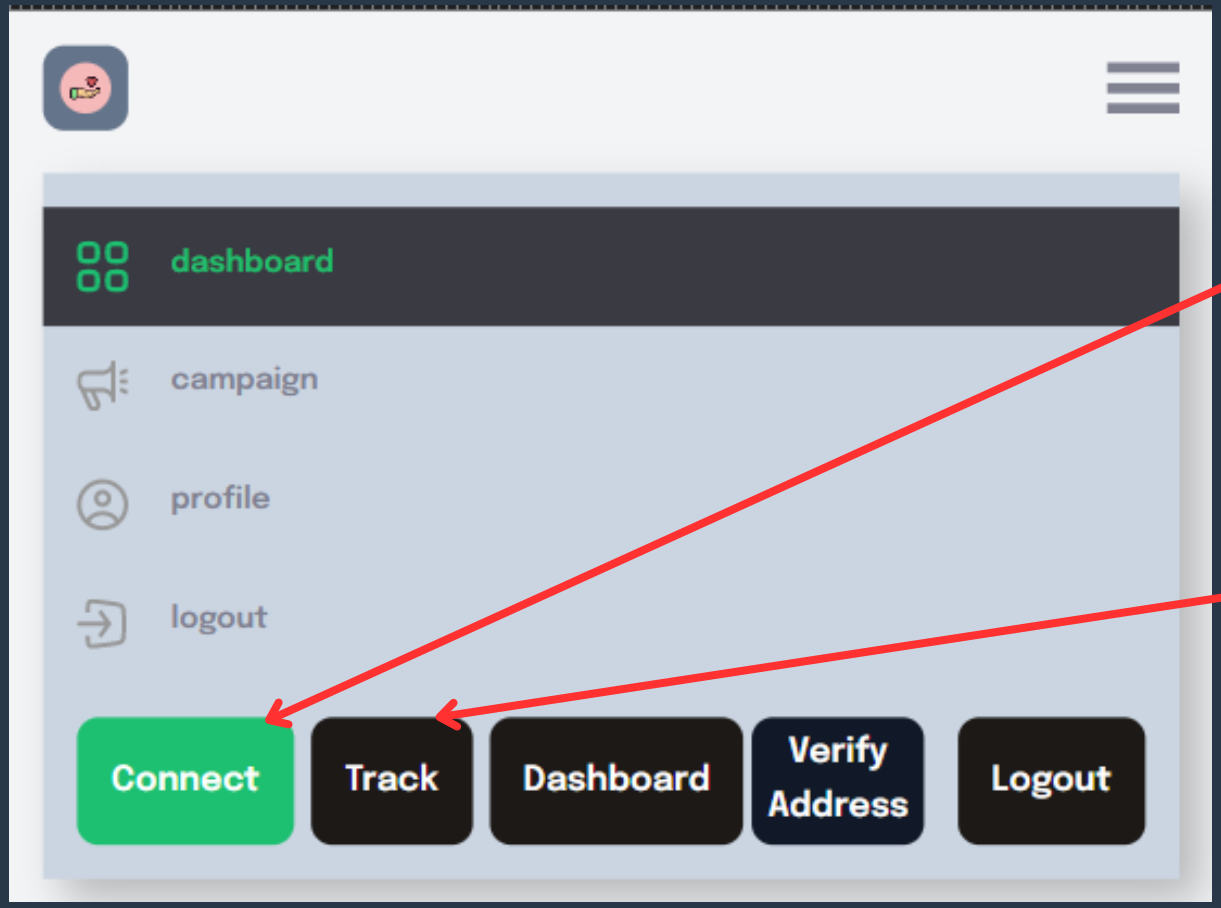
TECH STACK



React

SOLIDITY

APP OVERVIEW



Snapshot of the application
Fig 1

Connect : User can connect to etherium

Track : In the Track option donors and recipents can track their transactions and fund collection & distribution.

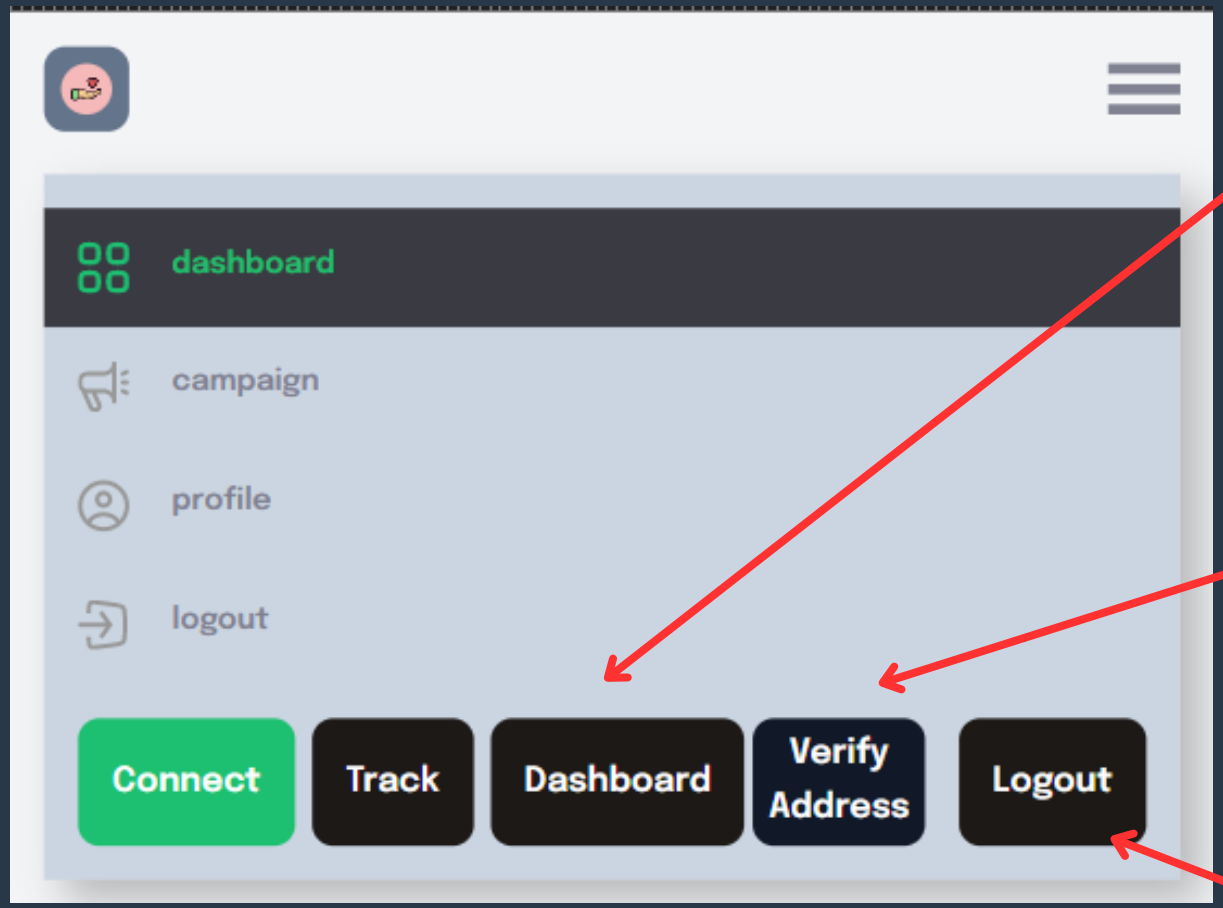


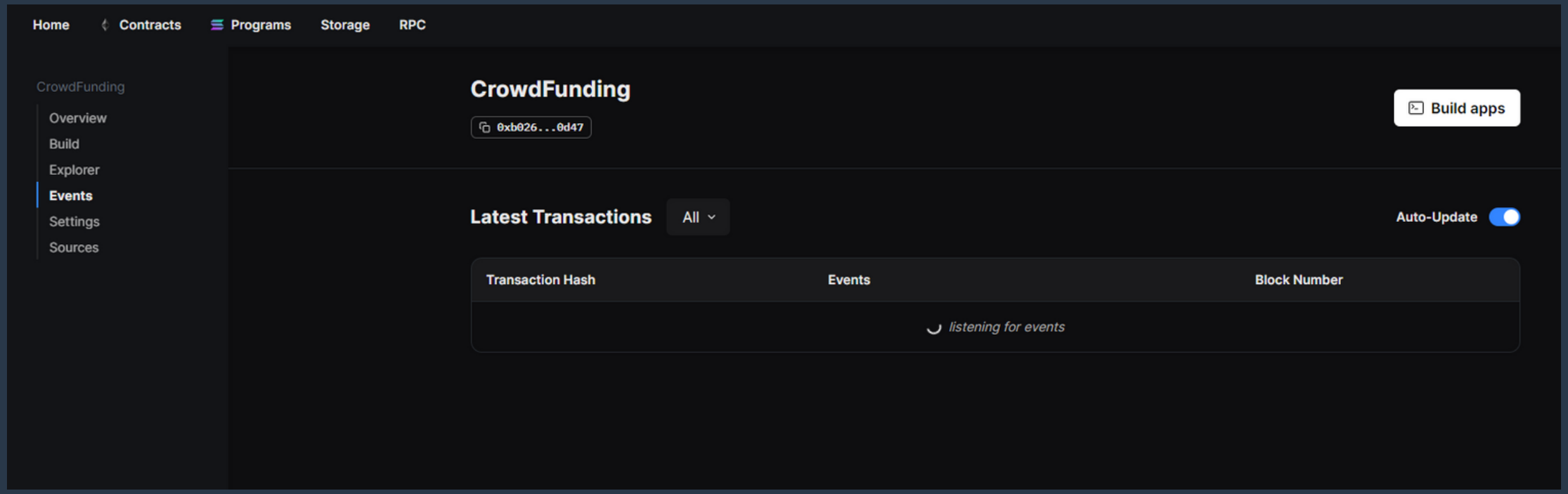
Fig 1.1

Dashboard : In the dashboard option, all the information related to blockchain is being displayed

Verify address : User will get to know whether their wallet address is legitimate or not.

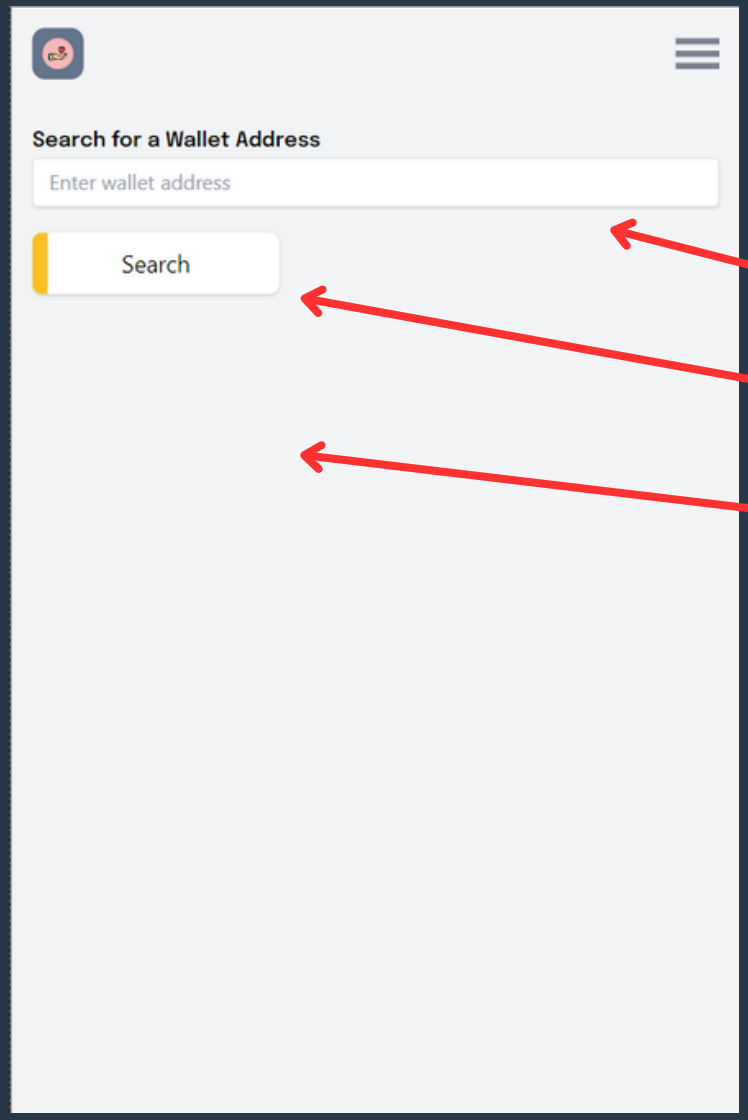
Logout : To Logout of the system.

App link: https://moonlit-dusk-390059.netlify.app/



Dashboard for donars and recipient to track there payments

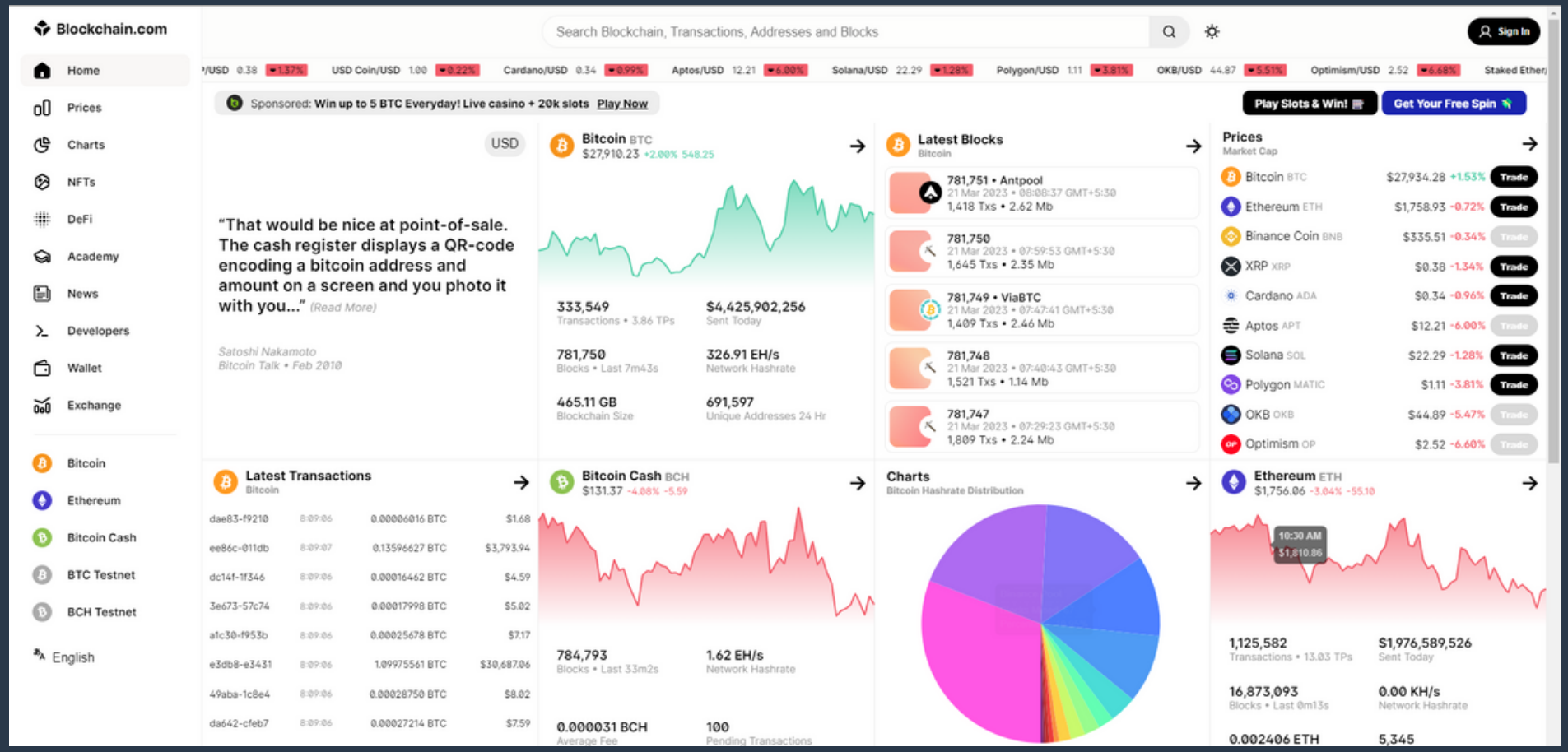
Track the wallet address(**verify address**)



verify the address of recipient for trust building

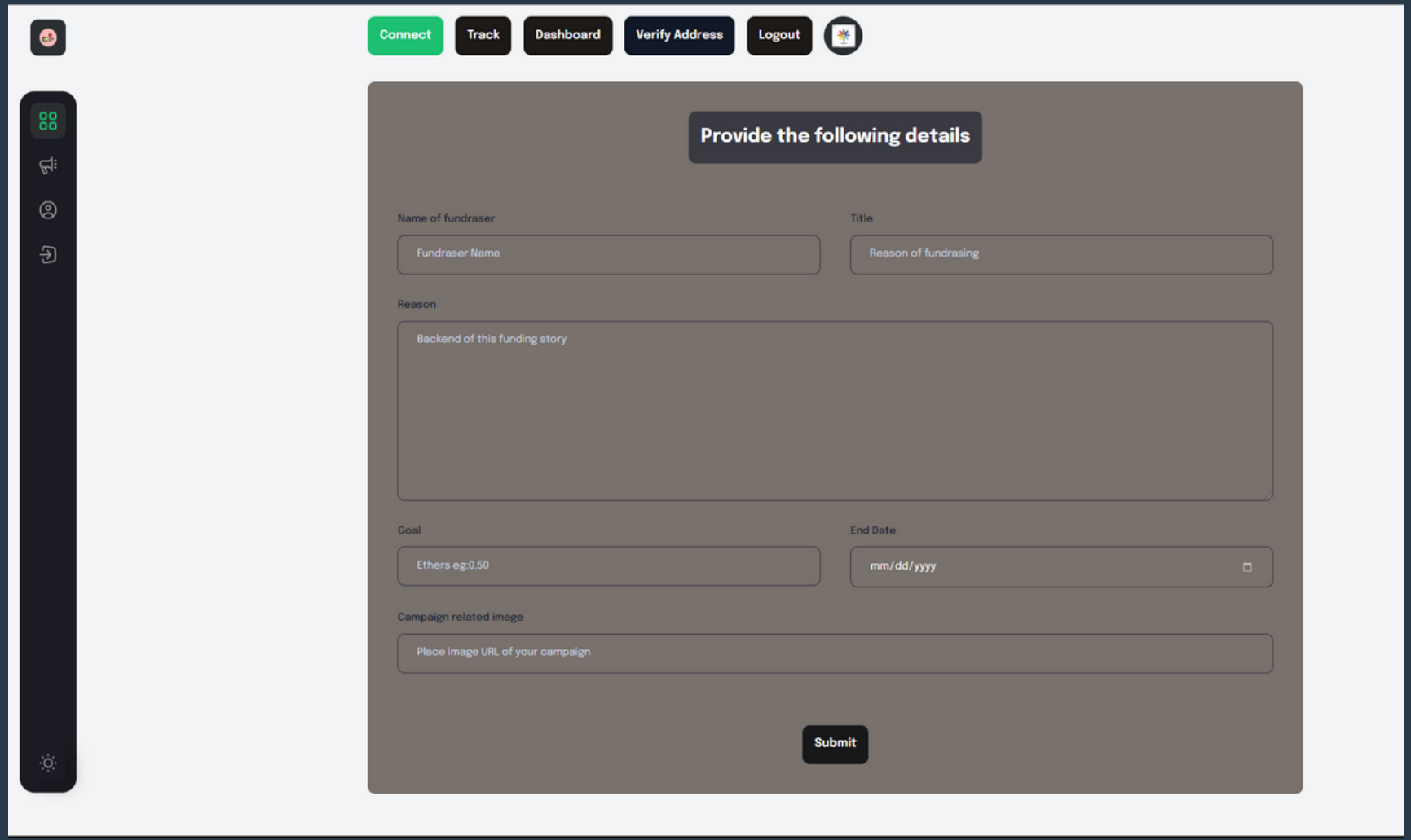
- paste address of wallet here
- then click on search for verify
- then all details with boolean verification pops out so we can compare them and find that the recipient is valid

dashboard of ethereum blockchain



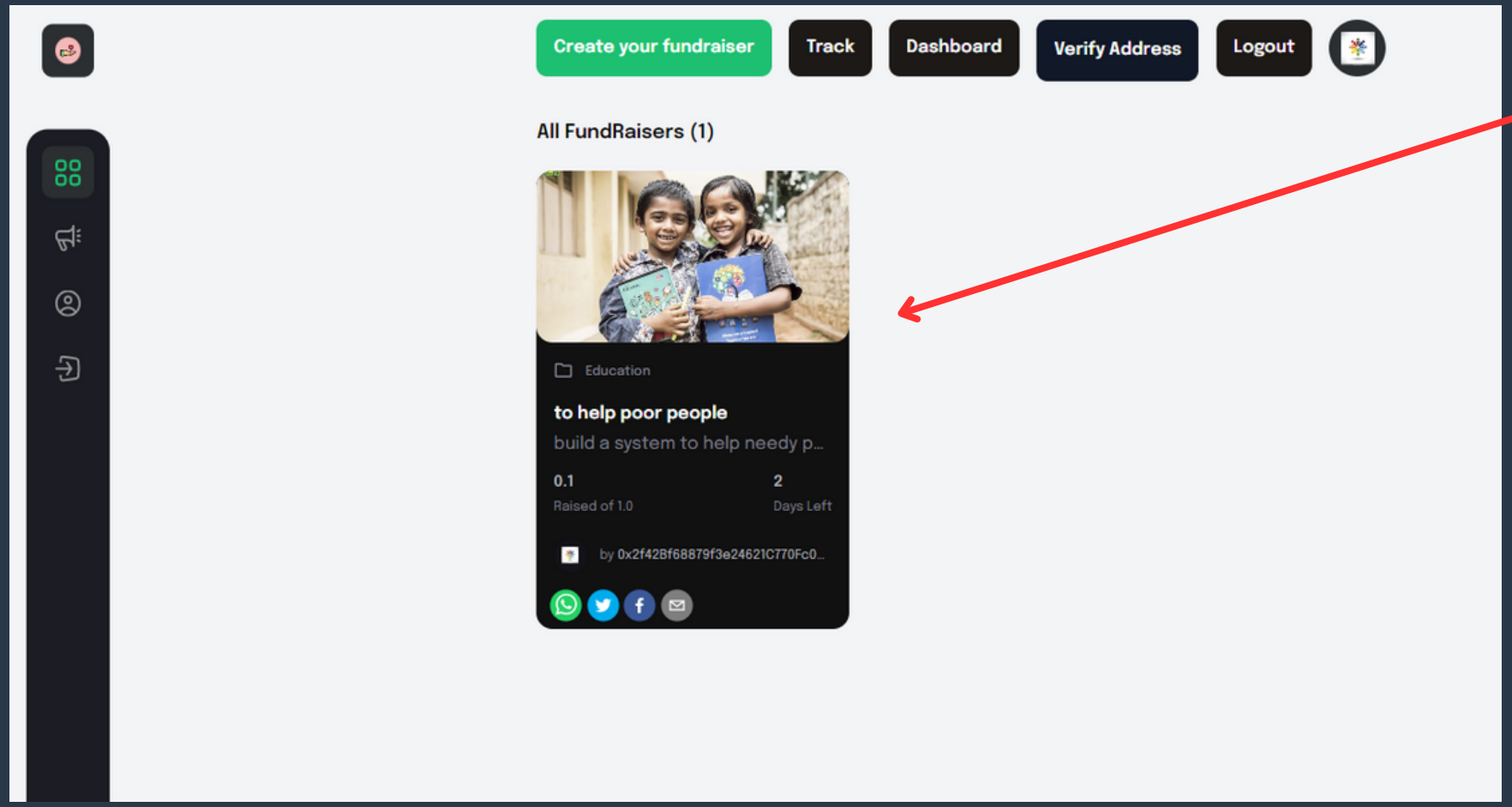
dashboard include statistics such as transactions, prices,graphs.

Create Campaign



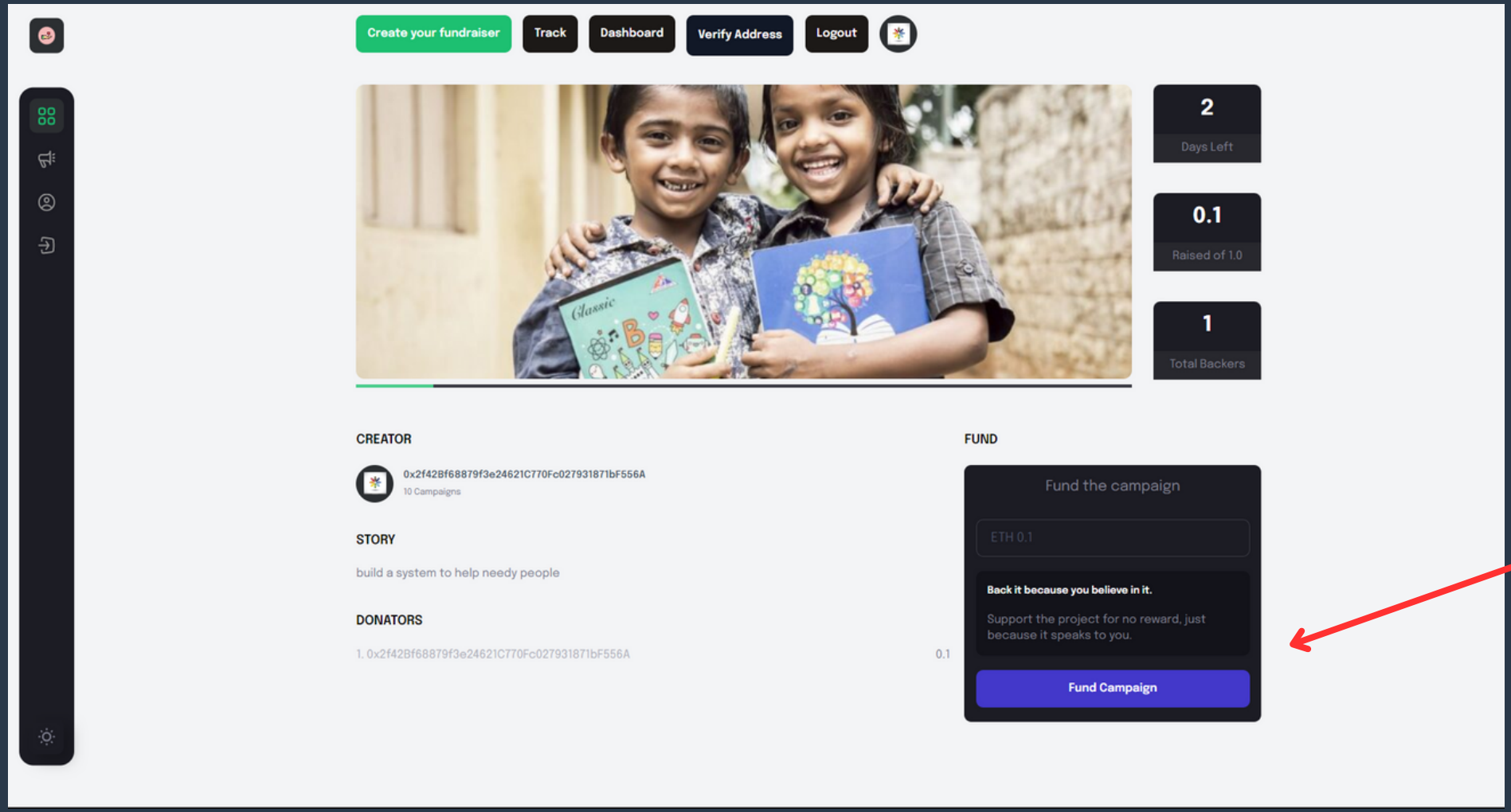
create Campaign cards with the help of the form that includes name,title of campaign ,story ,needed funds, end date,img url

Funding Campaign cards



Funding Campaign cards are displayed after creating a succesfull campaign

Campaign details



Campaign details are displayed after creating a succesfull campaign with funding option

Our application promises to be..

Secure **Transparent** **Fast**

BUSINESS POTENTIAL

1. The app can generate revenue through sponsored campaigns.

2. The app can involve personalized communication, gamification, or social sharing features.

3. Blockchain technology can automate the fundraising process, reducing the need for intermediaries and saving time and money.

THANK YOU!