



TRUSTLAYER

MILESTONE-BASED CROWDFUNDING PLATFORM



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PROBLEM

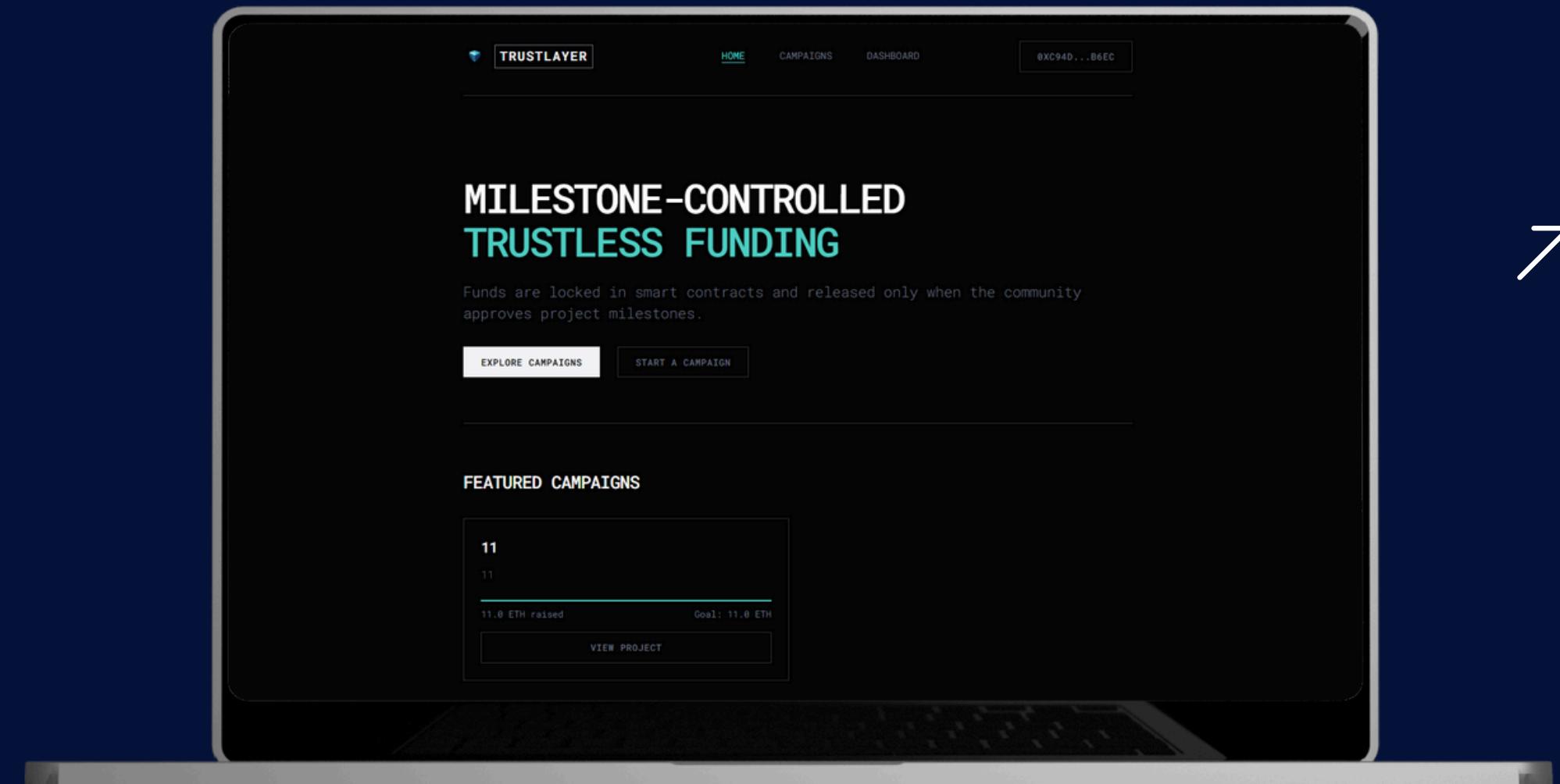
IN TRADITIONAL
CROWDFUNDING:

FUNDS GO DIRECTLY TO THE
PROJECT OWNER

BACKERS HAVE NO CONTROL
AFTER PAYMENT

PROJECTS CAN FAIL OR
DISAPPEAR

THERE IS NO TECHNICAL
PROTECTION FOR USERS.



OUR SOLUTION

**TRUSTLAYER CHANGES
CROWDFUNDING LOGIC:**

**FUNDS ARE LOCKED IN SMART
CONTRACTS**

**MONEY IS RELEASED ONLY BY
MILESTONES**

**CONTRIBUTORS VOTE BEFORE
EACH RELEASE**

**NO TRUST – ONLY BLOCKCHAIN
RULES**

**EVERYTHING IS TRANSPARENT
AND ON-CHAIN.**

The screenshot shows a crowdfunding project interface with the following details:

- Contract:** 0XB7A5...D968
- Total Pledged:** 11.0 ETH (Goal: 11.0 ETH, 100% Funded)
- Escrow Balance:** 6.0 ETH (Funds are held in smart contract until milestones are approved)
- Backers:** 1
- Days Left:** 11
- Amount (ETH):** [Input field]
- Contribute ETH:** [Button]

MILESTONES (GOVERNANCE)

CREATE NEW MILESTONE (UNLOCK FUNDS)

To withdraw funds, create a milestone. Backers must vote to approve it.

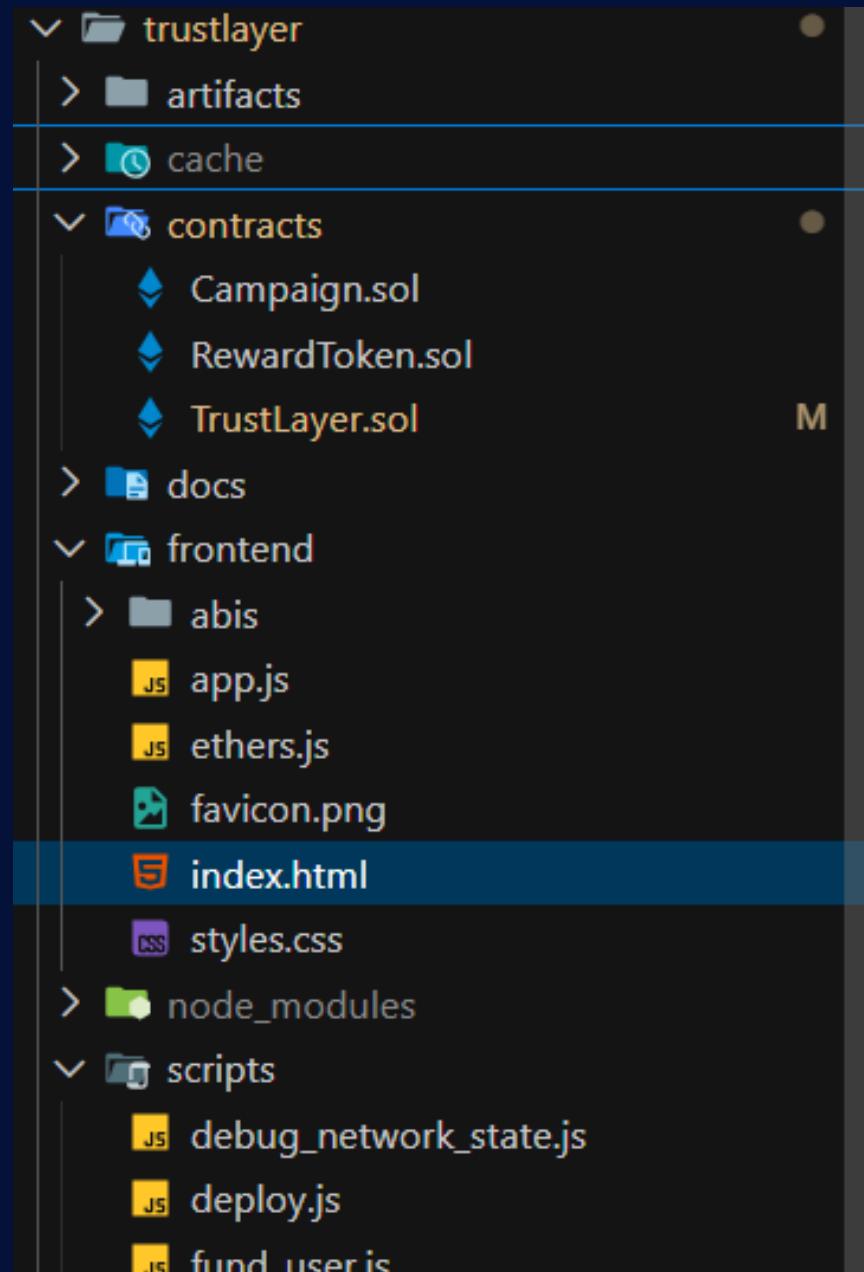
Description (e.g., 'Prototypes') Amount (ETH)

CREATE MILESTONE REQUEST

1. TO PROTOTYPE APP RELEASED Requested: 5.0 ETH Approved: 11.0 / 5.5 ETH 100.0% needed



SYSTEM ARCHITECTURE



SYSTEM STRUCTURE

TRUSTLAYER CONSISTS OF:

SMART CONTRACTS (SOLIDITY)

WEB INTERFACE (HTML, CSS, JS)

METAMASK WALLET

ETHEREUM TEST NETWORK

EACH CAMPAIGN IS A SEPARATE SMART CONTRACT.



HOW BLOCKCHAIN WORKS

1

01
A transaction
is requested.



2

02
It's
broadcast to
a network of
computers
(nodes).

3

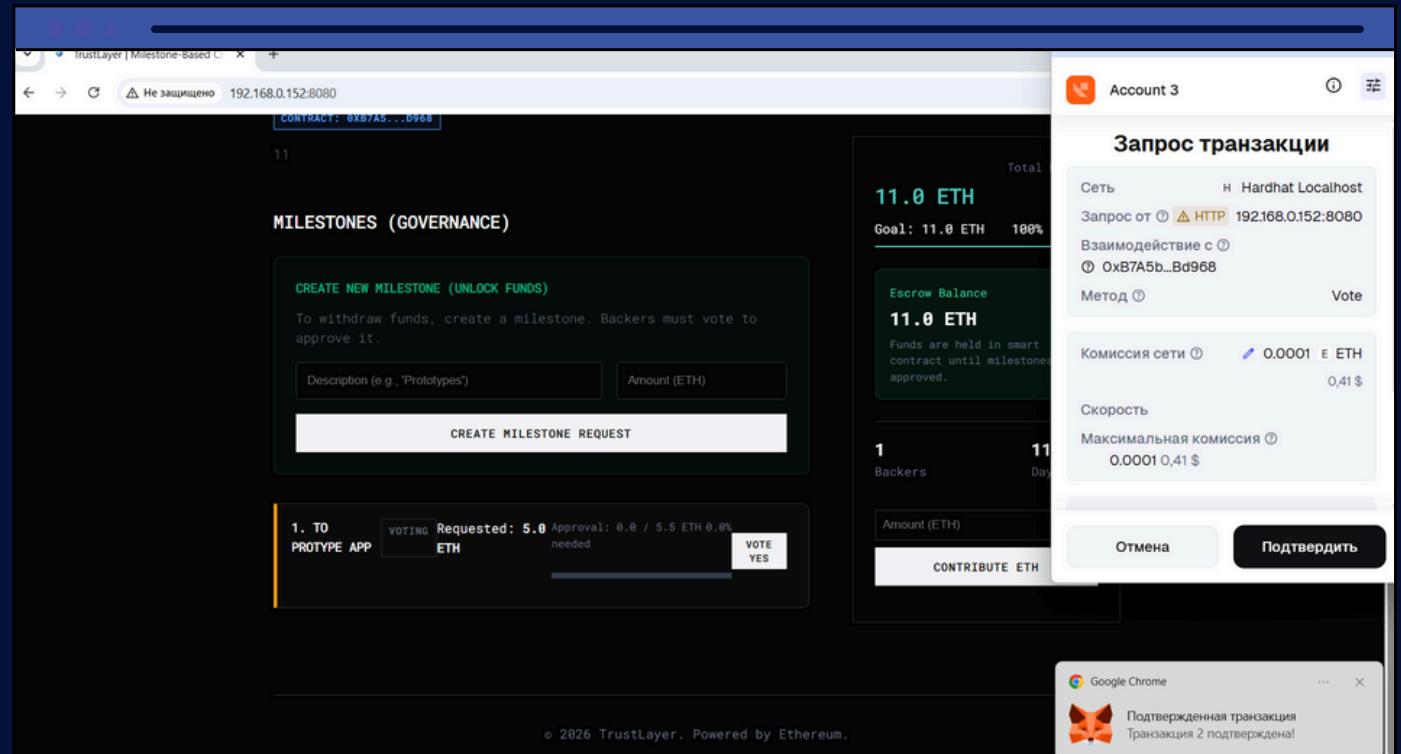
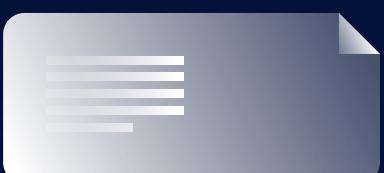
03
The network
validates the
transaction.

4

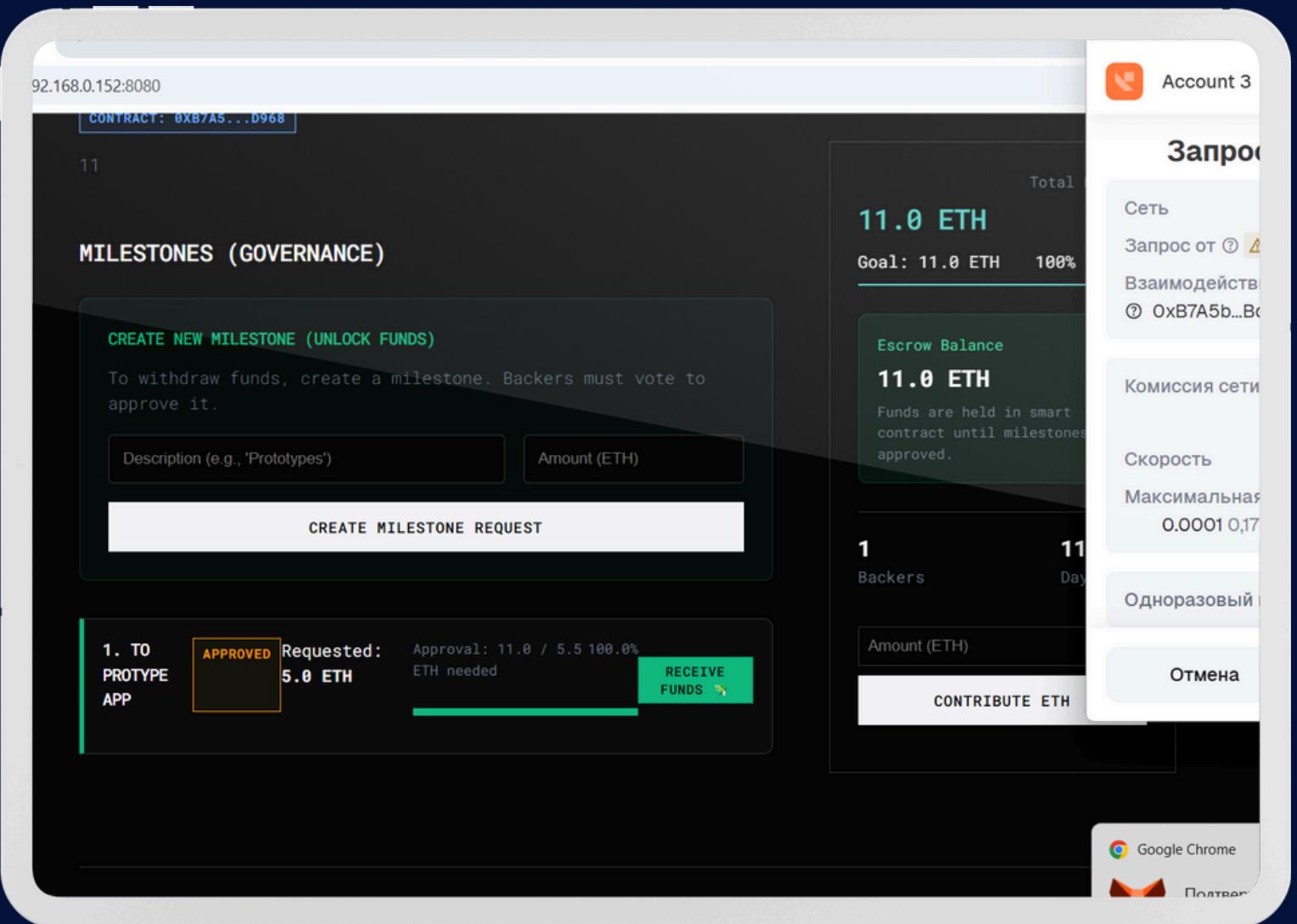
04
A new block
is added to
the chain.

5

05
The
transaction
is complete
and stored
permanently.



REAL-WORLD USE CASES



Finance

Cross-border payments, smart contracts.

Supply Chain

Track goods from source to shelf.

Healthcare

Secure patient data sharing.

Voting

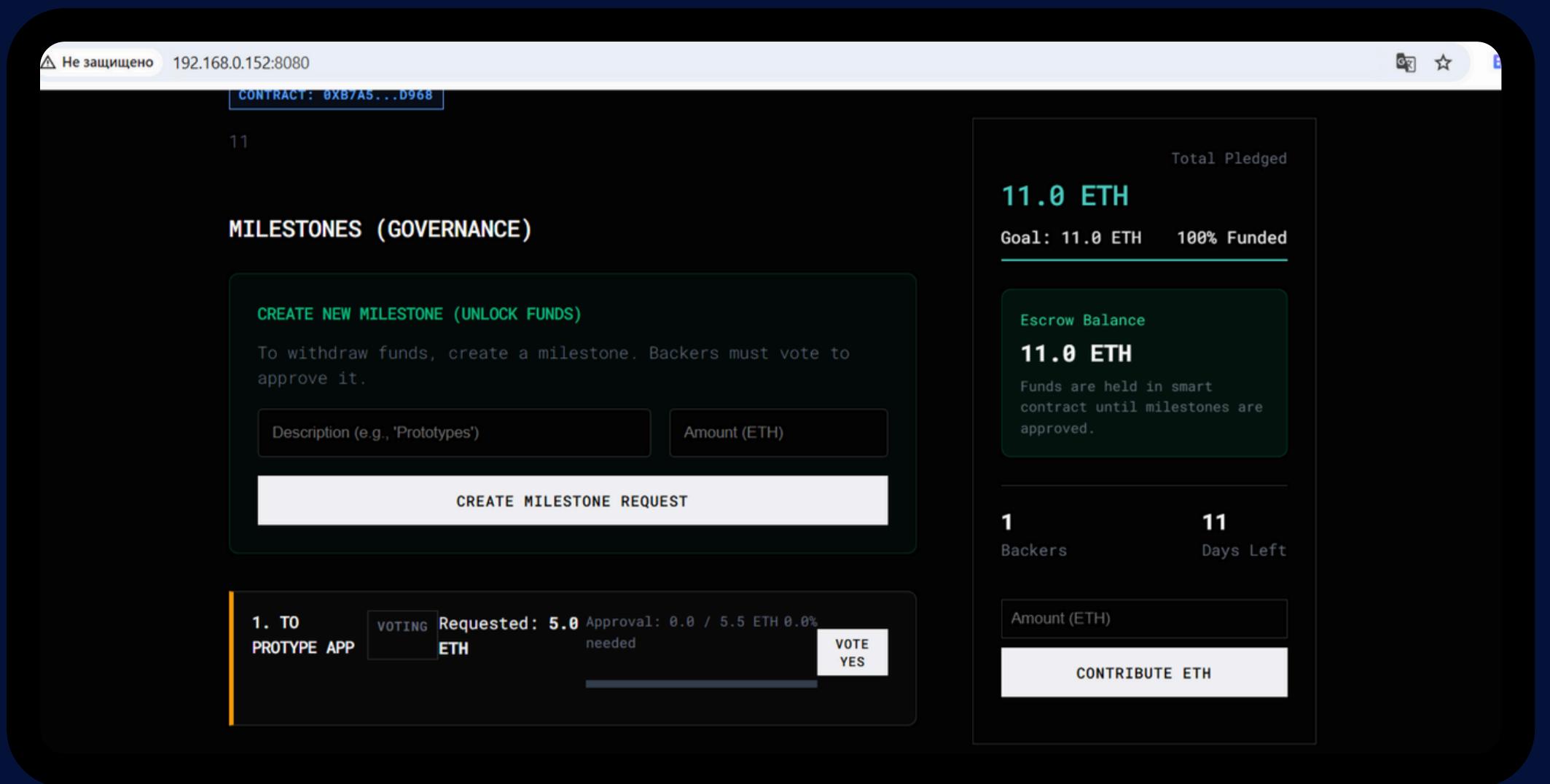
Transparent and fraud-proof digital voting.

Real Estate

Digital property records and transfers.



MILESTONES & VOTING



Milestone Governance

Creator requests a milestone

Contributors vote with their ETH weight

If >50% approves → milestone passes

Voting is fully on-chain

FUND RELEASE

The screenshot shows a web-based crowdfunding or escrow application. At the top left, it says "CONTRACT: 0xB7A5...D968". Below that, there's a "MILESTONES (GOVERNANCE)" section with a "CREATE NEW MILESTONE (UNLOCK FUNDS)" button. A text box says "To withdraw funds, create a milestone. Backers must vote to approve it." It has fields for "Description (e.g., 'Prototypes')", "Amount (ETH)", and a "CREATE MILESTONE REQUEST" button. To the right, there's a "Fund Release" section showing a transaction request for "11.0 ETH". It details the "Escrow Balance" of "11.0 ETH" and information about "1 Backers" over "11 Days". A "RECEIVE FUNDS" button is visible. A modal window titled "Запрос транзакции" (Transaction Request) is open, showing network details ("Сеть: Hardhat Localhost", "Запрос от: 192.168.0.152:8080", "Взаимодействие с: 0xB7A5b...Bd968"), fees ("Комиссия сети: 0.0001 ETH, 0.17 \$"), and a "One-time code" field with value "4". It includes "Отмена" and "Подтвердить" buttons. The bottom of the screen shows the "Google Chrome" browser interface.

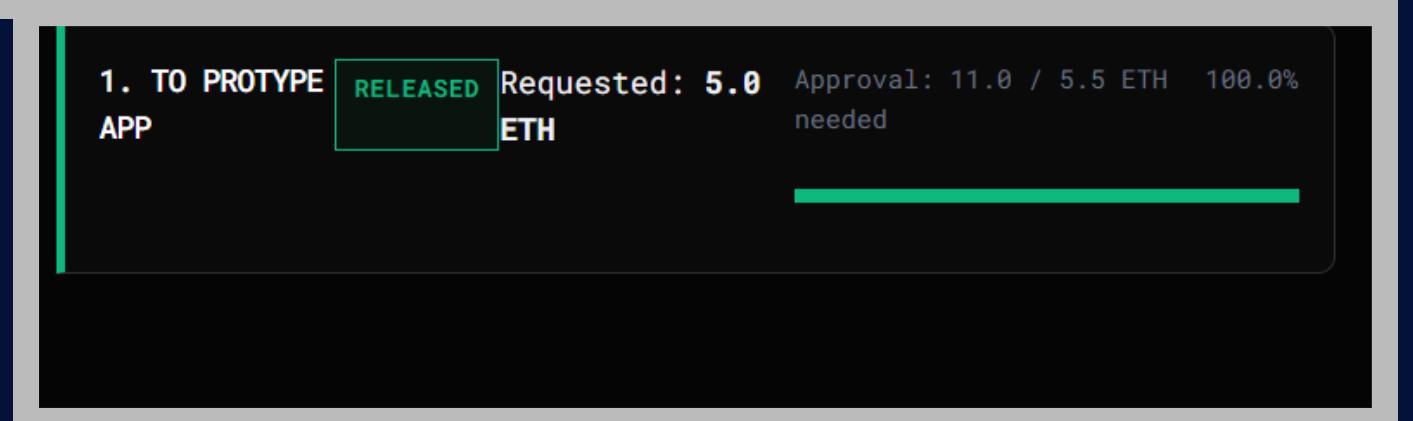
Status changes to “RELEASED”

Everything is recorded on blockchain

Fund Release

After approval, funds are unlocked

ETH is transferred automatically



RESULT

Approval: 11.0 / 5.5 100.0%

ETH needed

RECEIVE
FUNDS 

TrustLayer demonstrates:

Decentralized crowdfunding

Community governance

All project requirements are completed.

Secure fund management

Real blockchain interaction

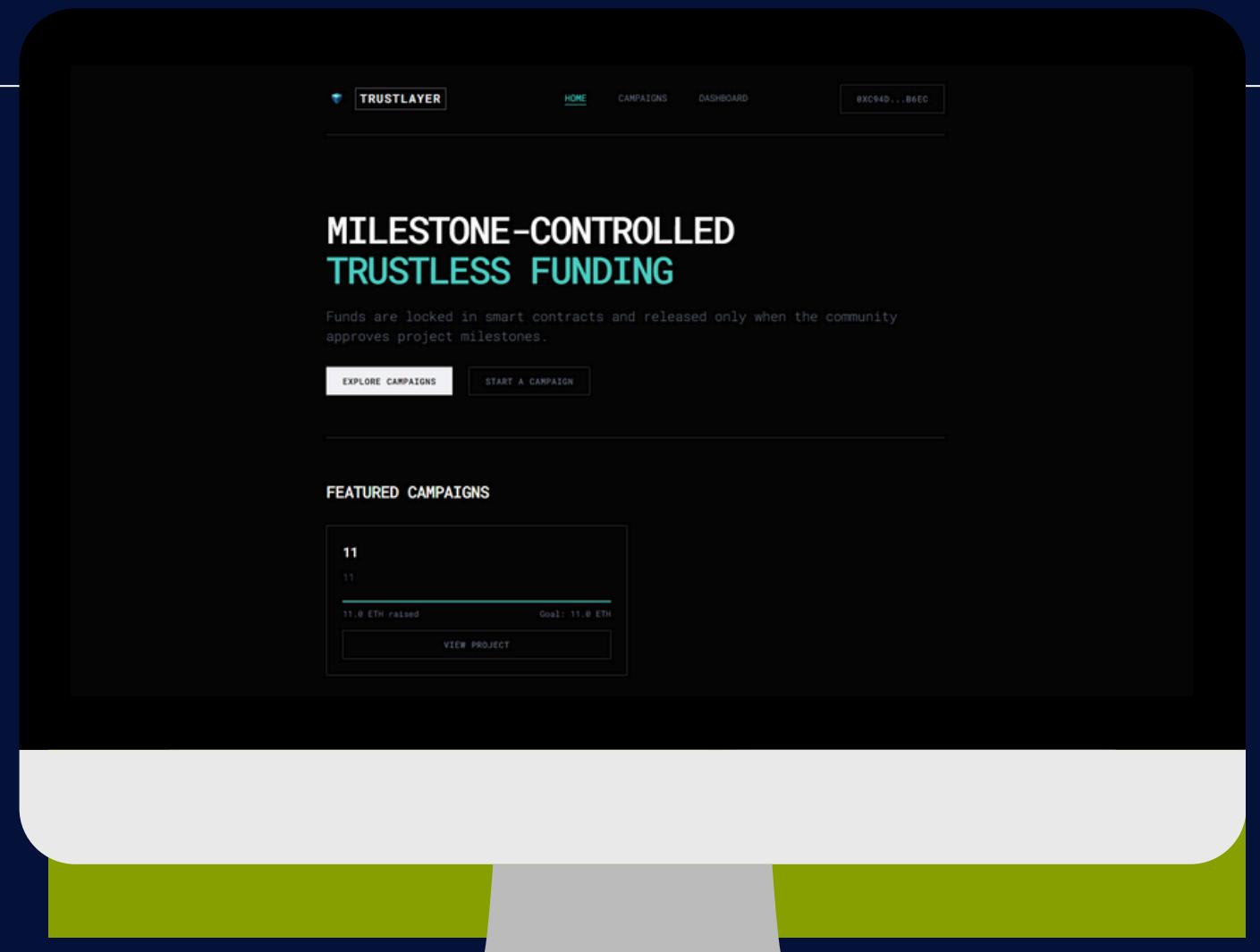


CONCLUSION

TrustLayer is not just a website.

It is a working decentralized system where rules are enforced by smart contracts, not by people.

This project 100% worthy for 100 points, as well(please)





THANK YOU

