

13 April 2025

ZADAQAH

Smart, Inclusive, and Transparent Giving
Platform

Presented by Cookie Monster





**2 IN 3 DONORS DON'T KNOW
WHERE THEIR MONEY REALLY
GOES.**

Cause:

Lack of transparency, inefficient fund allocation, and exclusion of unbanked communities in digital giving.



**WHAT WE
BUILT IN 5
DAYS?**

CORE FEATURES

- 💸 SadaqahPay
- 🧠 ZakatDAO (AI allocation)
- 🔗 Blockchain Ledger
- 🏛 DAO Voting
- 📊 Donor Dashboard

TECH STACK AND ARCHITECTURE

FRONTEND

- Flutter

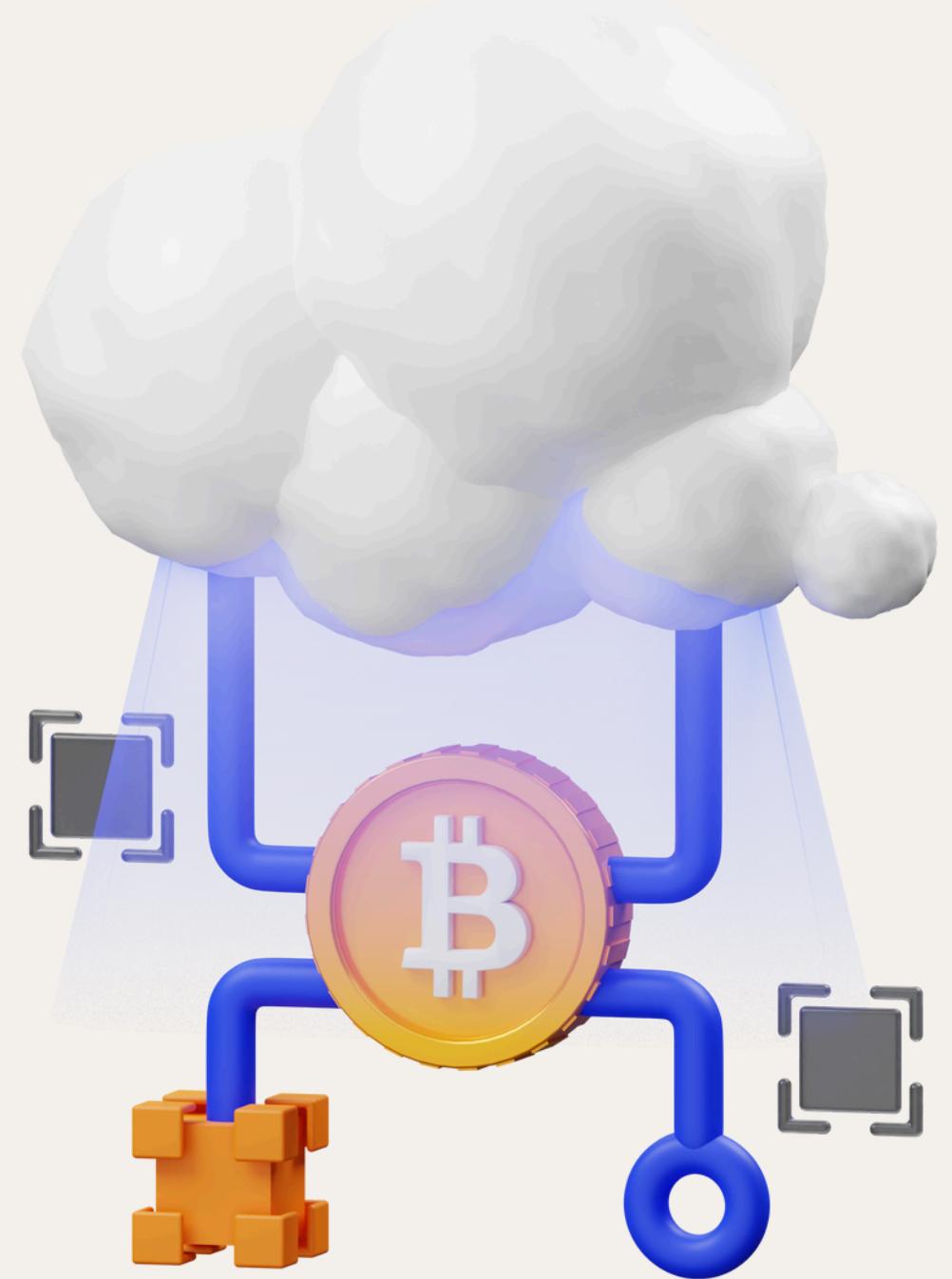
BACKEND

- AI Model: Logistic Regression
- Smart Contracts

1. SADAQAH PAY

Real time donations to verified causes

- Home screen with nearby charities
(filtered by radius/type/urgency)
- "Donate Nearby" via map marker →
direct donation form
- QR code scanner (to donate) + QR
generator (for charities)



2. ZAKAT DAO (AI Fund Allocation)

Mechanism Flow:

1. A donor gives RM100 into the Zakat Pool
2. They get voting power (e.g., 50 voting points)
3. AI suggests few urgent causes
4. Donor votes for “Bantuan Anak Yatim As-Sakinah”
5. Once voting closes, the DAO executes fund transfer automatically to the top causes
6. Everything is logged and viewable on the blockchain



3. SMART CONTRACT INTERACTION

IF-THEN

Once the condition was met, the smart contract will be executed

BLOCKCHAIN DECENTRALIZATION

Transfer money without involving the third party

BENEFITS



EFFICIENT

- process the task simultaneously

RELIABLE

- avoid manipulation by the third party

TRANSPARENT

- code is available on blockchain
- all parties can access the contract's details

SECURE

- encrypt all the data on blockchain

WHY DAO?

DAO stands for Decentralized Autonomous Organization.

- No single person or company controls it – decisions are made by the community
- Actions (like fund transfers or voting) are executed automatically by code (smart contracts)
- It behaves like a group or institution with goals (e.g. funding charities, managing Zakat)

AI-POWERED ALLOCATION RECOMMENDATION

An AI model takes in:

- Cause metadata (state, urgency, poverty index, category: education, disaster, health)
- Historical data (past donation patterns)
- The model ranks causes by impact score, e.g.:

		name	state	model_score	poverty_weight	zakat_weight	final_score
0	Caring For the Future Malaysia (CFFM)	sabah		77.7468	19.7	1.2	96.17872
1	Kumpulan Art Colection	sabah		89.9403	19.7	1.0	94.41612
2	Persatuan Permotoran Borneo Sabah	sabah		73.7077	19.7	1.0	94.32308
3	Persatuan Pembatik Melayu Pantai Timur	kelantan		88.6775	13.2	1.0	91.71100
4	Bukit Harapan	sabah		81.7667	19.7	1.2	91.38668



4. DAO VOTING

- Donors in the Zakat Pool get voting rights based on how much they contributed.
- They are shown top-ranked causes (from AI), and can vote on which causes should receive funds this cycle.
- Voting is stored on-chain (smart contract) or off-chain (Firestore with digital signatures).

The most voted causes are automatically disbursed funds from the pool via smart contract (or via an admin-triggered disbursement).





4. DONOR DASHBOARD

Donors can view:

- How their Zakat was distributed
- A breakdown of impact: "Your Zakat helped 12 families"
- Total pool size, top causes funded, etc.
- Exportable Zakat/Sadaqah receipts

THANK YOU!

Any Questions?

