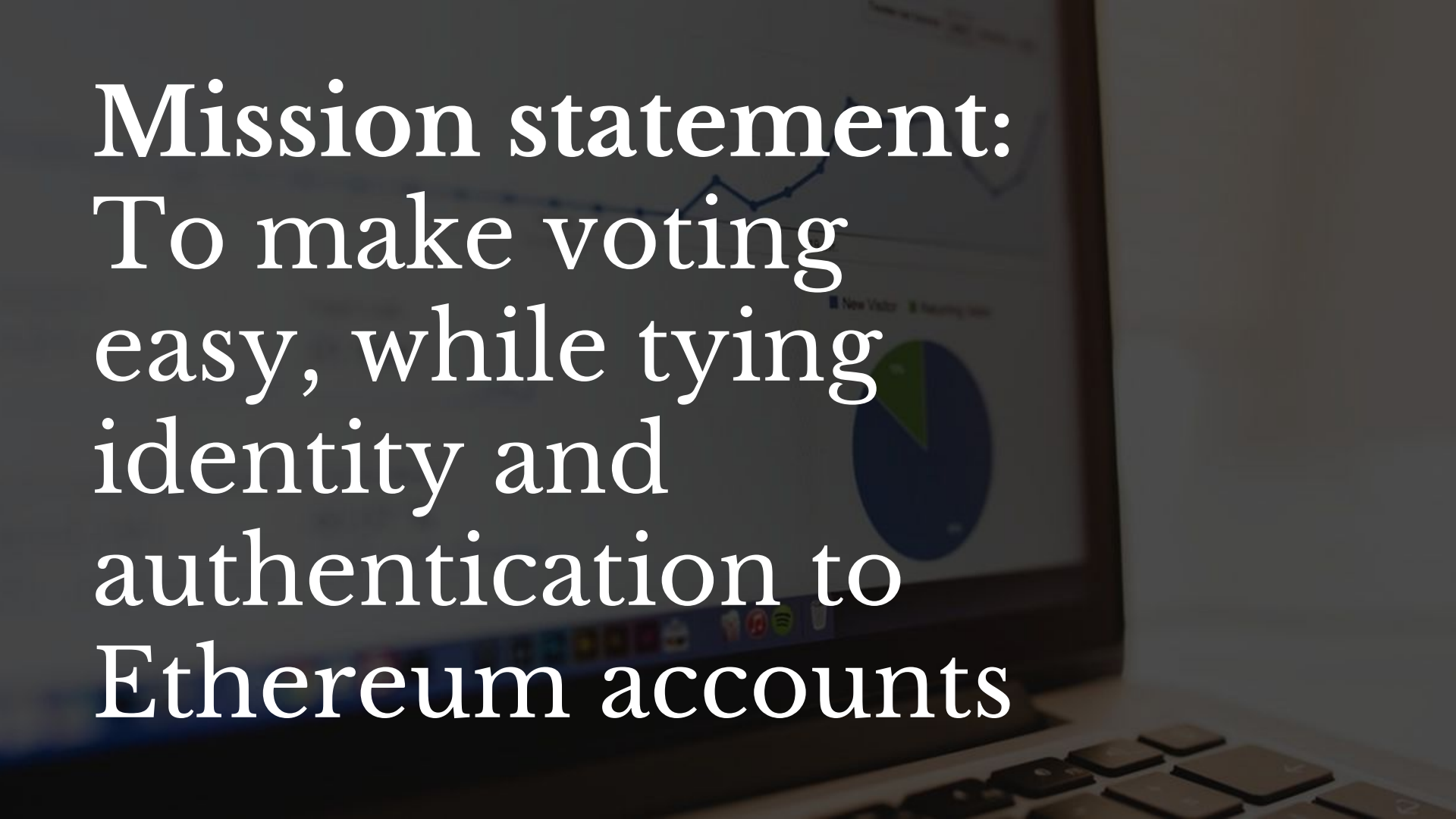
Concensus

Elegant Agreements, No Matter What Size The Group

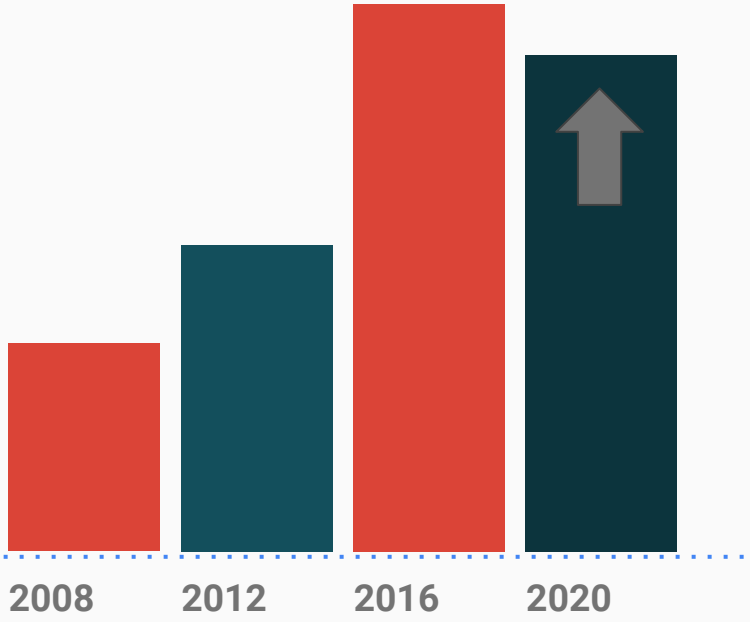


Mission statement:
To make voting easy, while tying identity and authentication to Ethereum accounts

The Problem

In person voting is insecure, unverified, and poses a legitimacy problem.

Unsecured voting machines increase our risk. Voting machines currently lack a reliable audit trail.



The Solution

ConCensus

Blockchain powered, verified, authenticated voting.

The Team

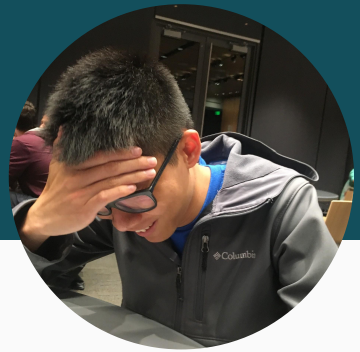
WE LOST OUR MINDS SOMETIME AROUND 4AM...

BRAINSTORMING

WE REFER TO THIS AS THE OPTIMISTIC PHASE

STARVING

PUMPED, IN NEED OF SUSTENANCE



TESTING

TIME WHEN TEAM MOST LIKELY TO CRY

VICTORY

OMG, IT WORKS!!!

Milestones

ORGANIZATION IS THE KEY!

2:00
Team formed, room found

6:00
Dinner, RedBull depleted

8:00
Solidity contract completed

11:00
Check in, testnet not connecting, team break

3:00
Some people chose sleep, most did not

1:00 pm
Kanban checkin, functionality check

4:00
Judging

2pm 6pm 10pm 2am 6am 10am 2pm 4pm 6pm 10pm Home Mon

How it works

Step 1

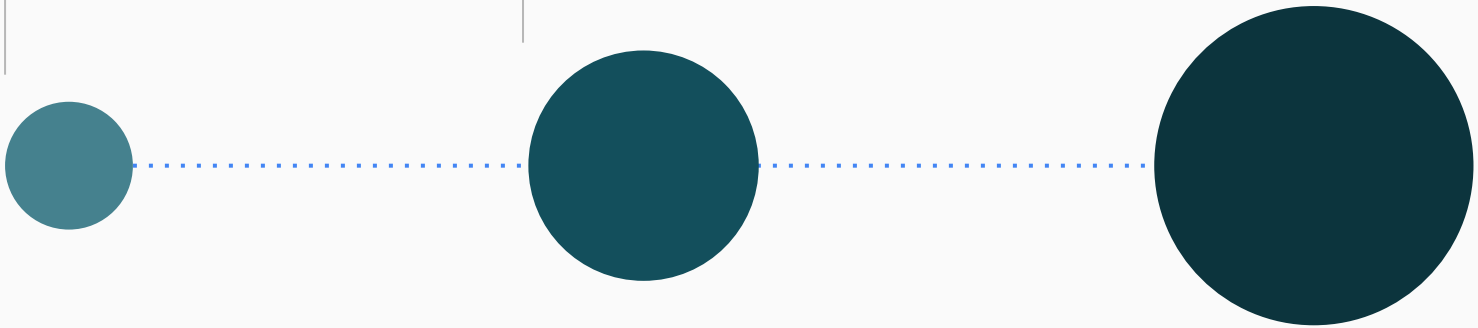
Creator sets up poll, creates QR code

Step 2

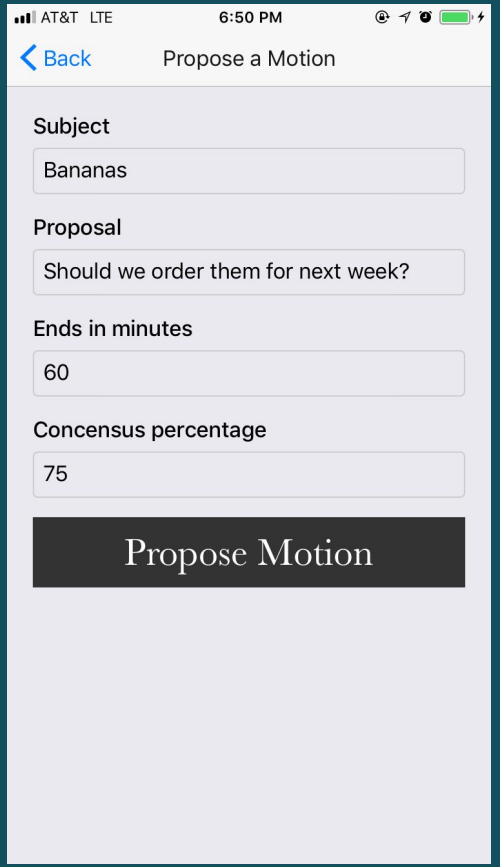
Participants scan QR code

Step 3

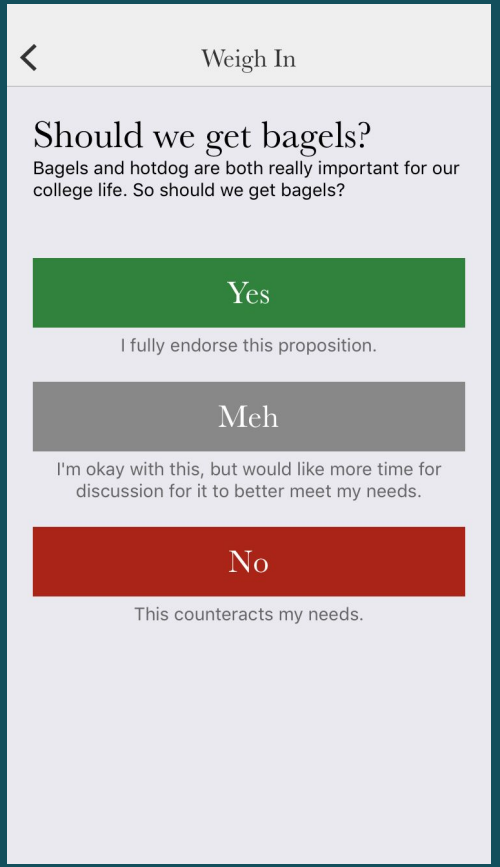
Voting, Victory, Profit



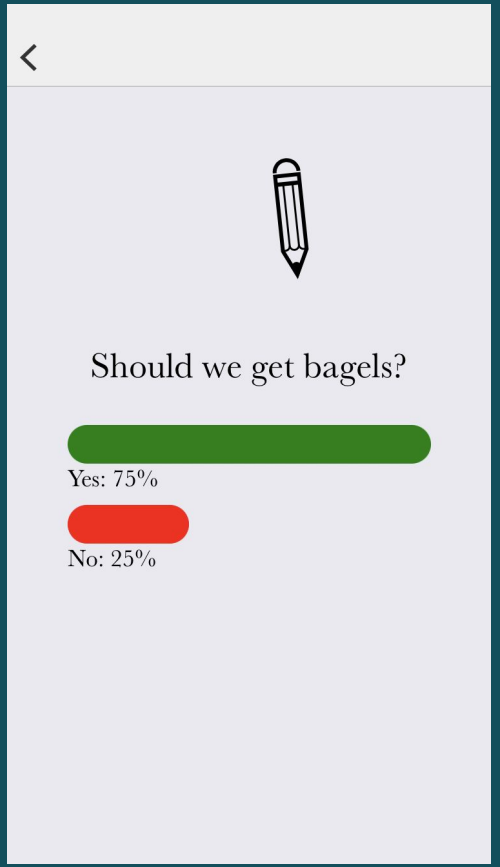
Polls begin by proposing a motion.



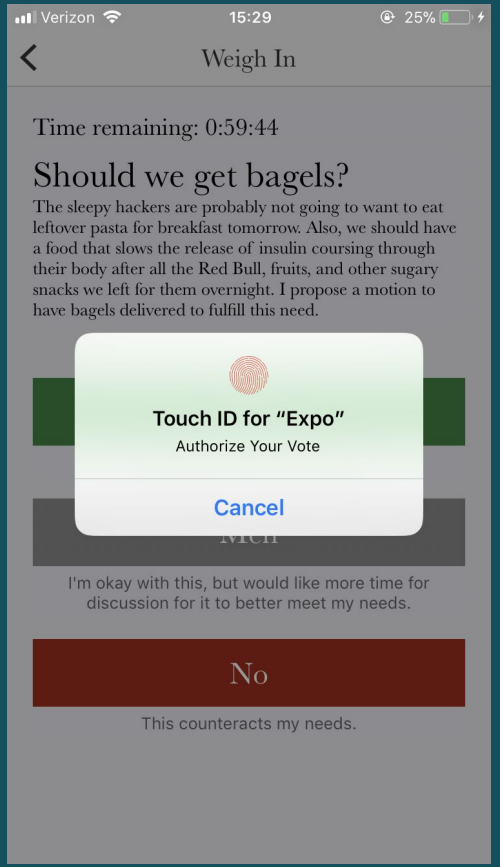
Voters get three options.

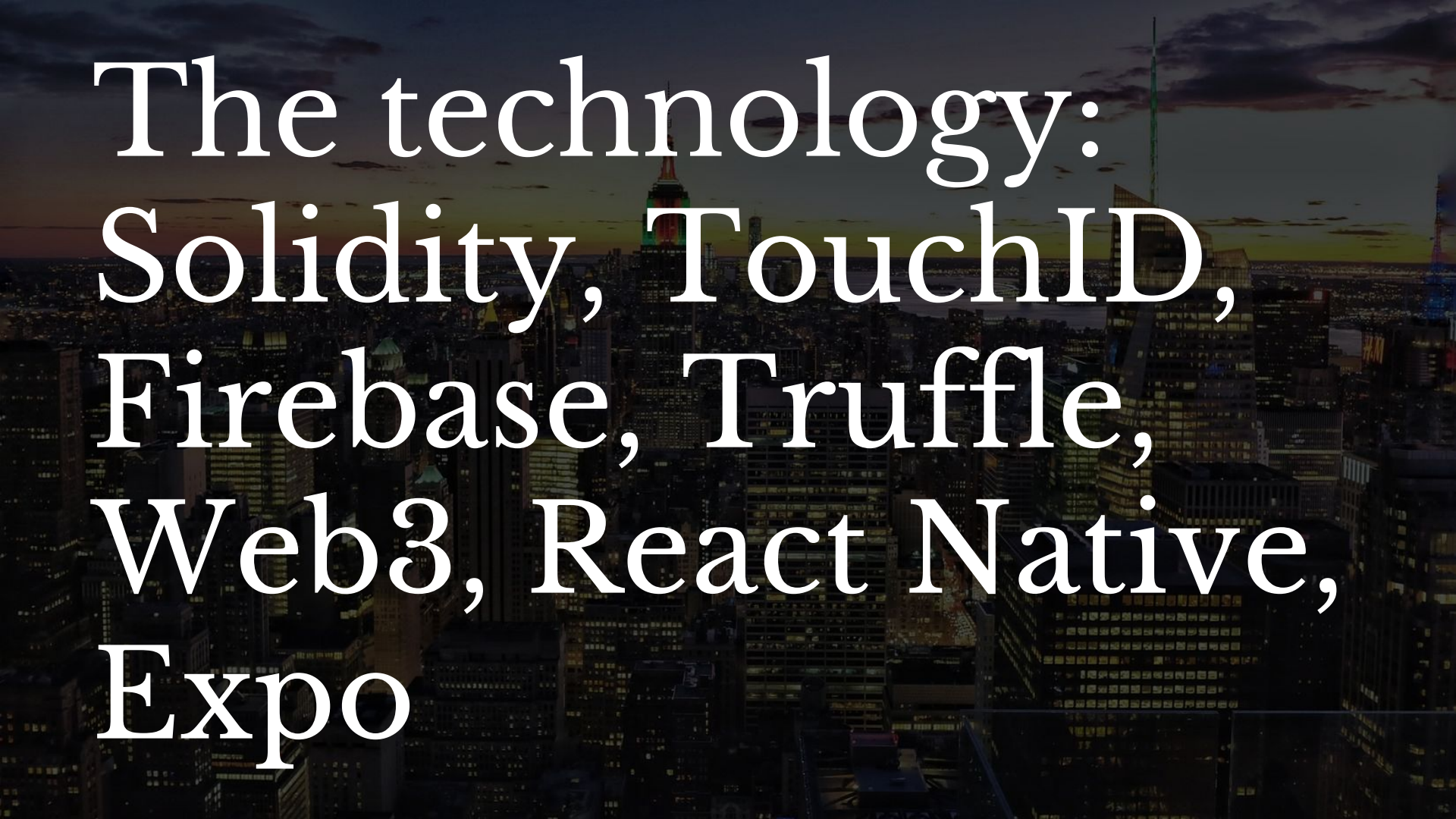


Results are definitive.



Touch ID authenticates users to vote.



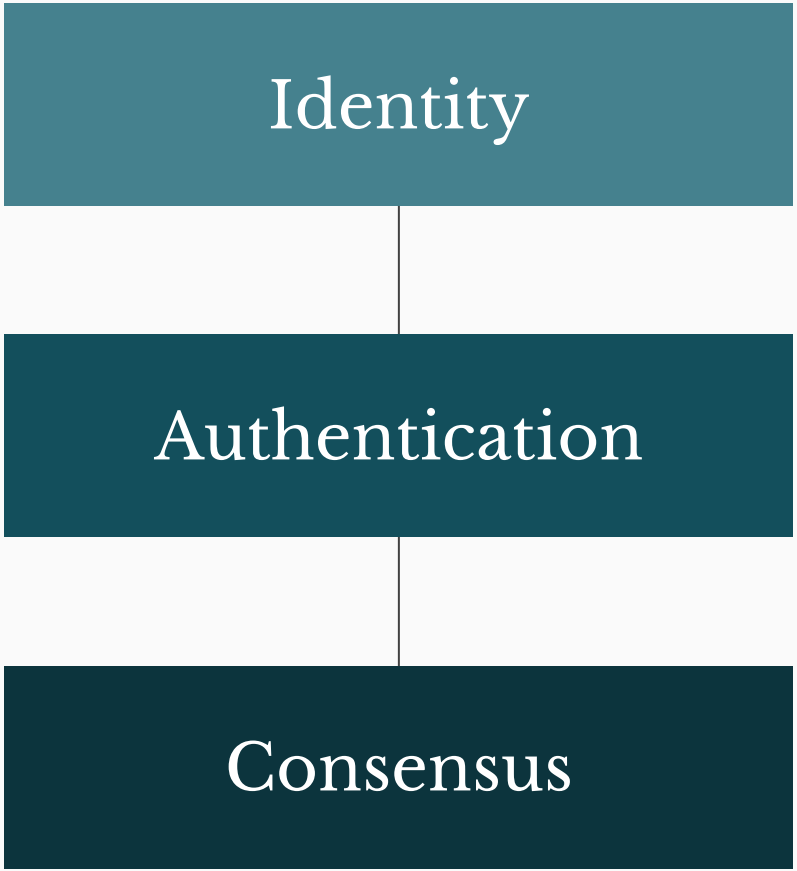

The technology:
Solidity, TouchID,
Firebase, Truffle,
Web3, React Native,
Expo

Security Model

Registration begins with an SMS + phone number relay.

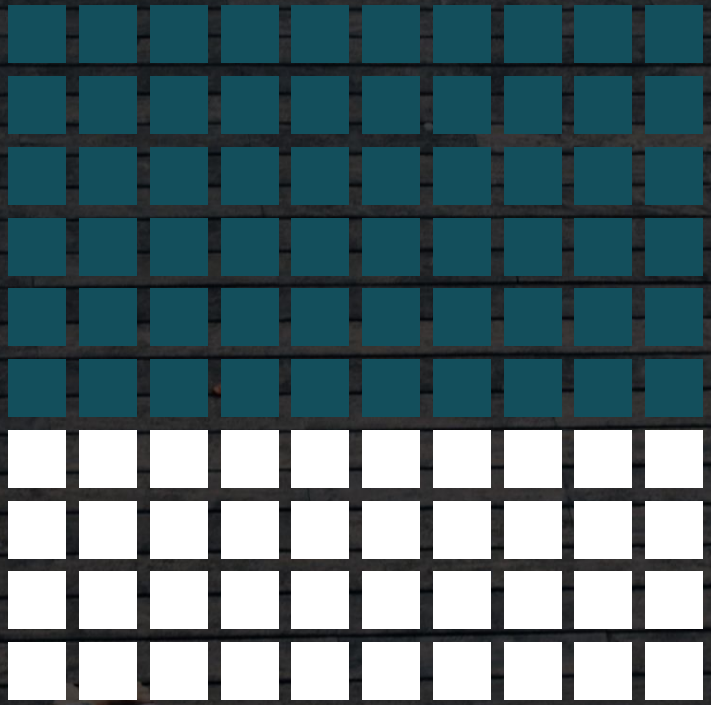
A private key, stored on users' phone, is created and used to sign transactions pending touch ID verification.

Non-sensitive information is leveraged for consensus.



Why now?

Voting is a critical part of decentralized activities. Never have we needed secure voting more than now. (Sorry, Trumpers.)



Use Cases:

Meetings,
communities,
corporations,
boards

Questions?
Just ask! :-)