BlockChain Voting System

Tomer Yaish Dan Kvitca

Known Bugs

- Countdown Clock does not appear in all pages.
- Countdown Clock does not stops at 0, instead keeps countdown.
- Countdown Clock support function does not work properly.
- Election Schletuar does not work properly (Canceled for now)
- When setting the start / end date of the election, all the other details are deleted.
- After election ends BY Admin, user page does not render properly.

Quick Setup

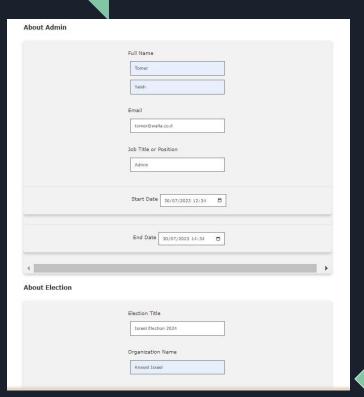
Requirements

- Node js
- Truffle
- Ganache (Cli)
- Metamask (Browser Extension)

Start

- Run local Ethereum blockchain ganache-cli (on CMD)
- Configure metamask on the browser with the following details :
 - New RPC URL: http://127.0.0.1:7545
 - Chain ID: 1337
- Import accounts using private keys from ganache-cli to the metamask extension on the browser
- Deploy smart contract to the (local) blockchain network truffle migrate (on the project directory)
- Launch the development server cd client, npm install, npm start

Election Example



Adding new candidate



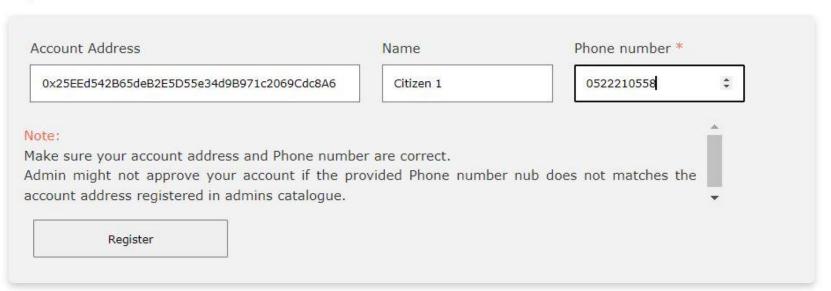
Total candidates: 0	
	Header
	Beni Ganz
	Slogan
	Ganz
	Add

Creating electron

Register to vote

Registration

Register to vote.



Approve vote as a Admin

citizen 3 5151151855
5151151855
False
False
True
Approve

Vote & Result

