



BlockChain Voting System

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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



About Admin

Full Name

Tomer

Yalsh

Email

tomor@walla.co.il

Job Title or Position

Admin

Start Date 30/07/2023 12:34

End Date 30/07/2023 14:34

About Election

Election Title

Israel Election 2024

Organization Name

Knesset Israel

Add a new candidate

Total candidates: 0

Header

Beni Ganz

Slogan

Ganz

Add

Creating electron



Register to vote

Registration

Register to vote.

Account Address

0x25EEd542B65deB2E5D55e34d9B971c2069Cdc8A6

Name

Citizen 1

Phone number *

0522210558

Note:

Make sure your account address and Phone number are correct.

Admin might not approve your account if the provided Phone number nub does not matches the account address registered in admins catalogue.

Register



Approve vote as a Admin

Account address	0x25EEd542B65deB2E5D55e34d9B971c2069Cdc8A6
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Name	citizen 3
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Phone	5151151855
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Voted	False
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Verified	False
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Registered	True
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Approve

Vote & Result

Candidates

Total candidates: 3

Yair Lapid #0

Lapid

Vote

Benjamin Netanyahu #1

BB

Vote

Beni Hanz #2

Ganz

Vote

Result



Winner!

Beni Hanz

Ganz

Total Votes:

1

Voting

