

# USER-GUIDE

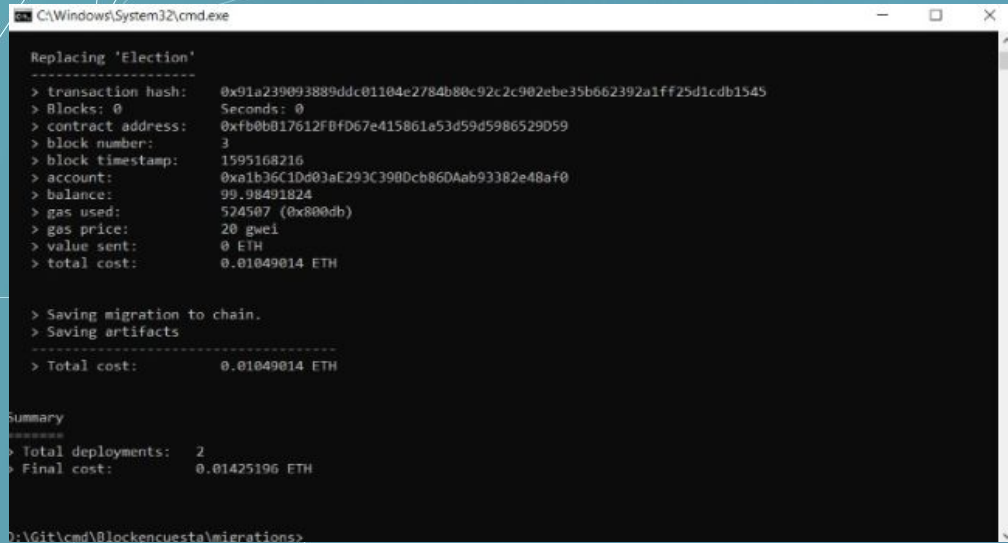
HOW TO USE ?

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As of now, Blockencuesta is a local prototype which can be downloaded from this [GitHub link](#). To run this over a local machine, dependencies mentioned in the previous slide must be installed.

## STEP 1:

After downloading the files, use command prompt to reach the concerned folder or directory and use the command **Truffle migrate** in command prompt to deploy the contract over Blockchain.  
(Note: Ganache's quick workspace should also be open at the same time)



```
C:\Windows\System32\cmd.exe

Replacing 'Election'
-----
> transaction hash:    0x91a239093889ddc01104e2784b80c92c2c902ebe35b662392a1ff25d1cdb1545
> Blocks: 0           Seconds: 0
> contract address:   0xfB0b017612FBfD67e415861e53d59d5986529D59
> block number:       3
> block timestamp:    1595168216
> account:            0xa1b36C1Dd03aE293C390Dcb86DAab93382e48af0
> balance:            99.98491824
> gas used:           524507 (0x800db)
> gas price:          20 gwei
> value sent:         0 ETH
> total cost:         0.01049014 ETH

> Saving migration to chain.
> Saving artifacts
-----
> Total cost:         0.01049014 ETH

Summary
-----
> Total deployments:  2
> Final cost:         0.01425196 ETH

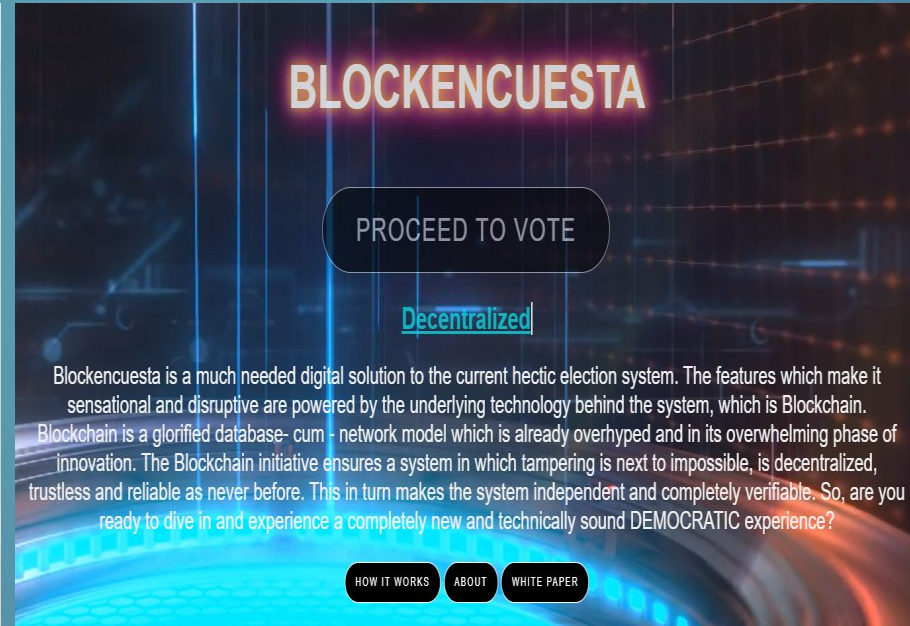
D:\Git\cmd\Blockencuesta\migrations>
```

# HOW TO USE?

## STEP 2:

Now use the command ***npm run dev*** to run lite-server which will launch a interface on browser automatically.

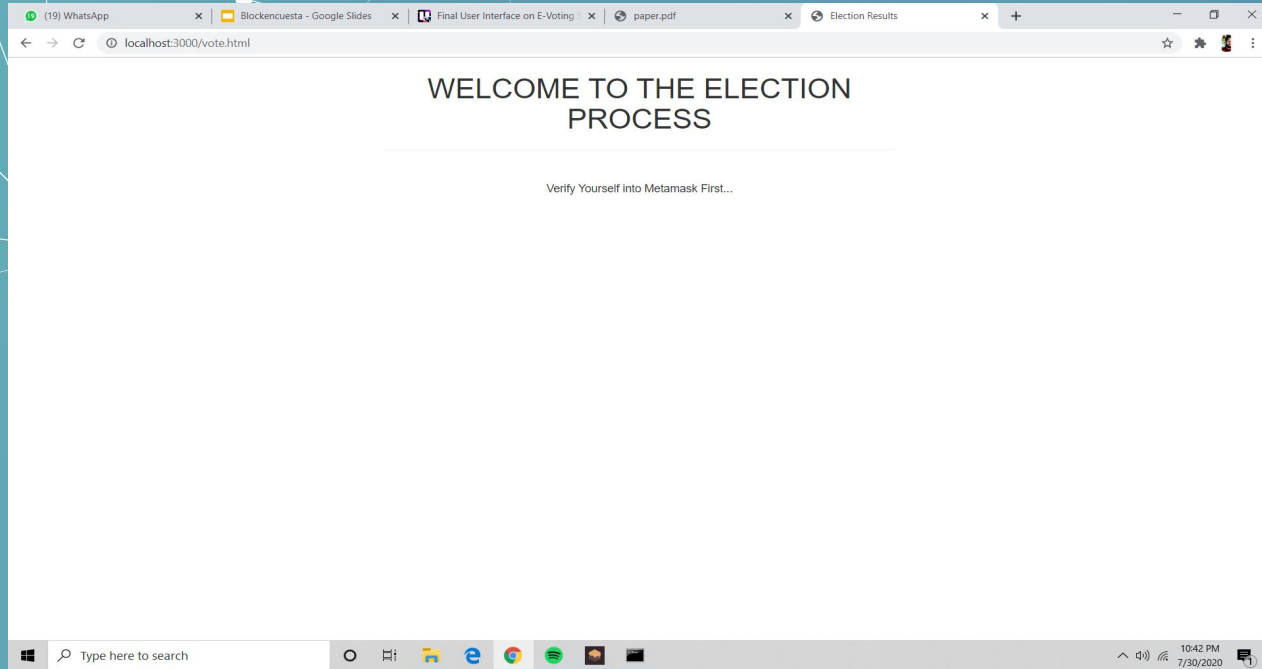
```
lite-server
D:\Git\cmd\election>lite-server
** browser-sync config **
{
  injectChanges: false,
  files: [ './**/*.html,css,js' ],
  watchOptions: { ignored: 'node_modules' },
  server: {
    baseDir: [ './src', './build/contracts' ],
    middleware: [ [Function (anonymous)], [Function (anonymous)] ]
  }
}
[Browsersync] Access URLs:
-----
  Local: http://localhost:3000
  External: http://192.168.56.1:3000
-----
   UI: http://localhost:3001
  UI External: http://localhost:3001
-----
[Browsersync] Serving files from: ./src
[Browsersync] Serving files from: ./build/contracts
[Browsersync] Watching files...
20.07.23 22:24:11 200 GET /index.html
20.07.23 22:24:11 200 GET /js/bootstrap.min.js
20.07.23 22:24:11 200 GET /css/bootstrap.min.css
20.07.23 22:24:11 200 GET /js/app.js
20.07.23 22:24:11 200 GET /js/web3.min.js
20.07.23 22:24:11 200 GET /js/truffle-contract.js
20.07.23 22:24:12 200 GET /Election.json
```



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## STEP 3:

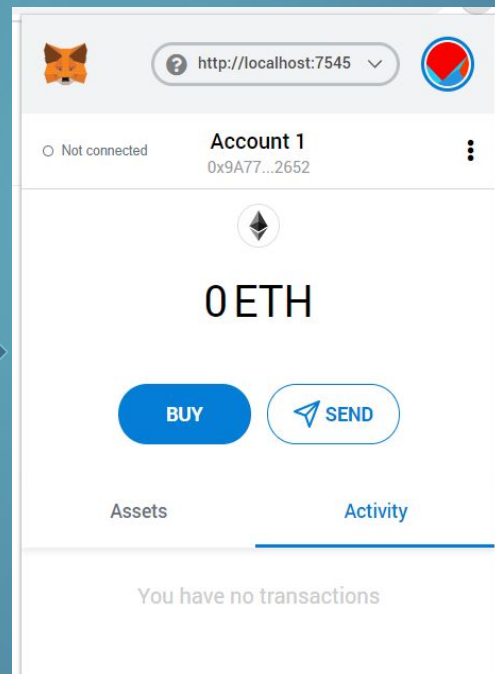
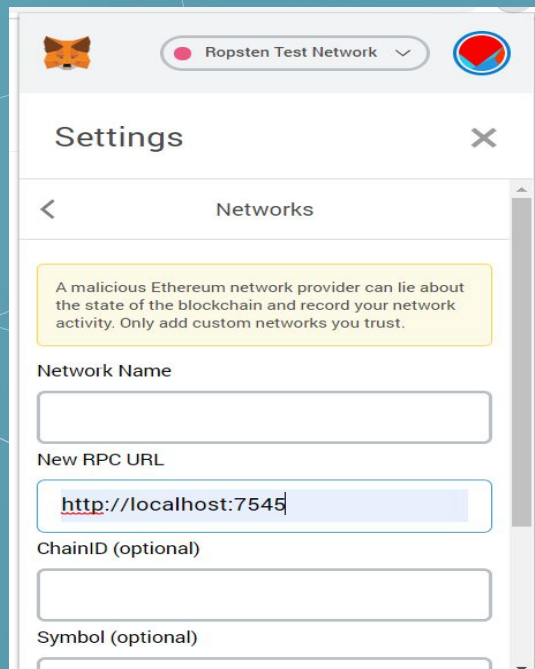
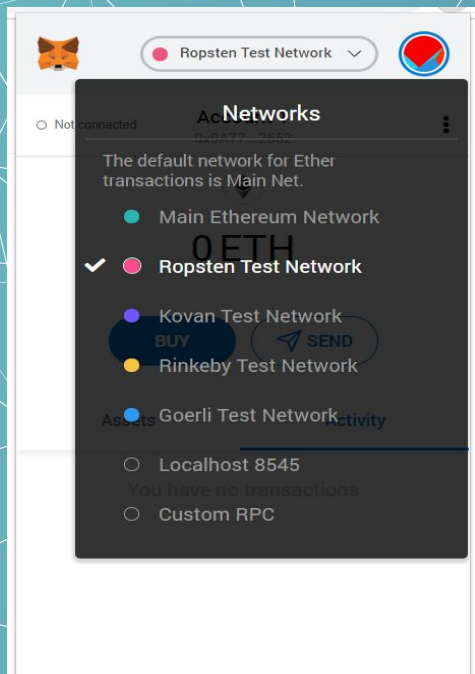
Use the button "PROCEED TO VOTE" to navigate to voting process. This will give you an interface similar to this.



# HOW TO USE?

## STEP 4:

Open Metamask using  option in the top right corner of Google Chrome browser and set up an account into metamask by navigating through the steps. Now click the topmost button to select network and choose custom rpc. Use the address mentioned in picture as New RPC URL and save.

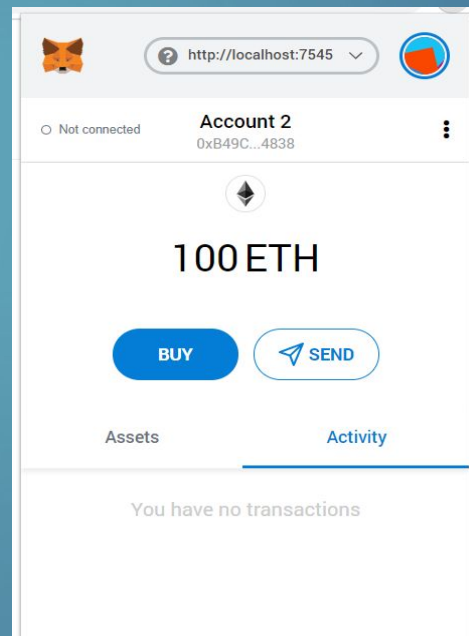
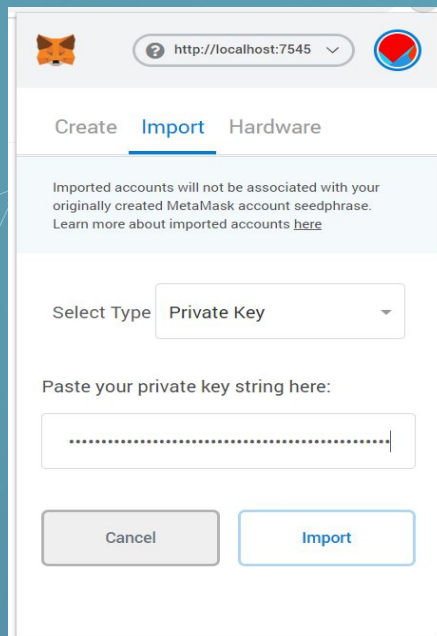
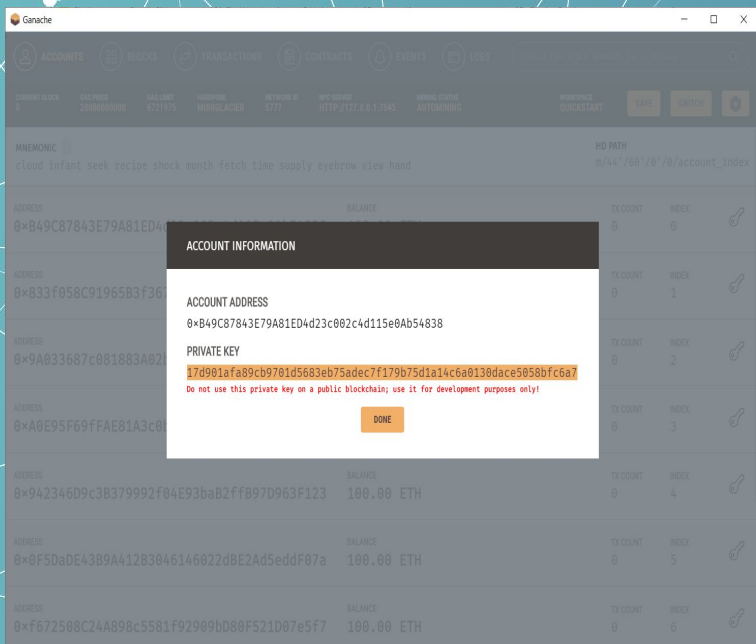




# HOW TO USE?

## STEP 5:

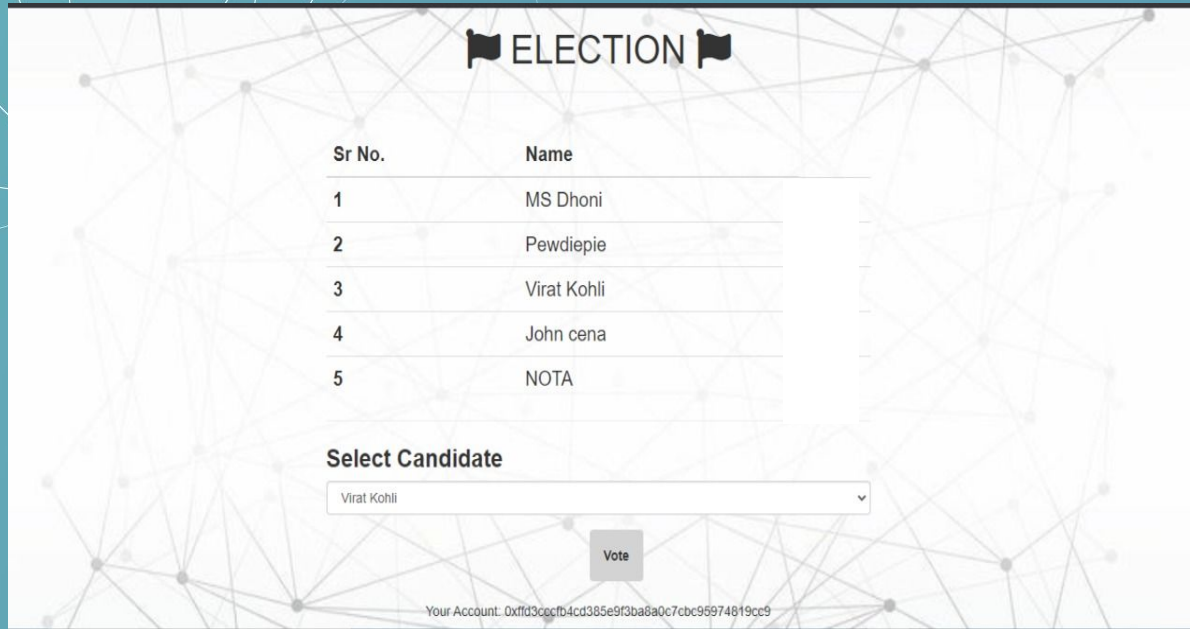
Now open Ganache and copy the private key of a random account. Use this private key into Import account option in top right button to import an account from Ganache.



# HOW TO USE?

## STEP 6:

Now navigate to "Connected sites" option with the button having 3 dots and connect the Election website with the currently imported account and refresh the website after that to encounter the voting interface.



The screenshot displays a web application titled "ELECTION" with a header featuring two flag icons. Below the header is a table with two columns: "Sr No." and "Name". The table lists five entries: 1 MS Dhoni, 2 Pewdiepie, 3 Virat Kohli, 4 John cena, and 5 NOTA. Below the table is a "Select Candidate" section with a dropdown menu currently showing "Virat Kohli". A "Vote" button is positioned below the dropdown. At the bottom of the interface, the text "Your Account: 0xf1d3cccfb4cd385e9f3ba8a0c7cbc95974819cc9" is visible.

Sr No.	Name
1	MS Dhoni
2	Pewdiepie
3	Virat Kohli
4	John cena
5	NOTA

Select Candidate

Virat Kohli

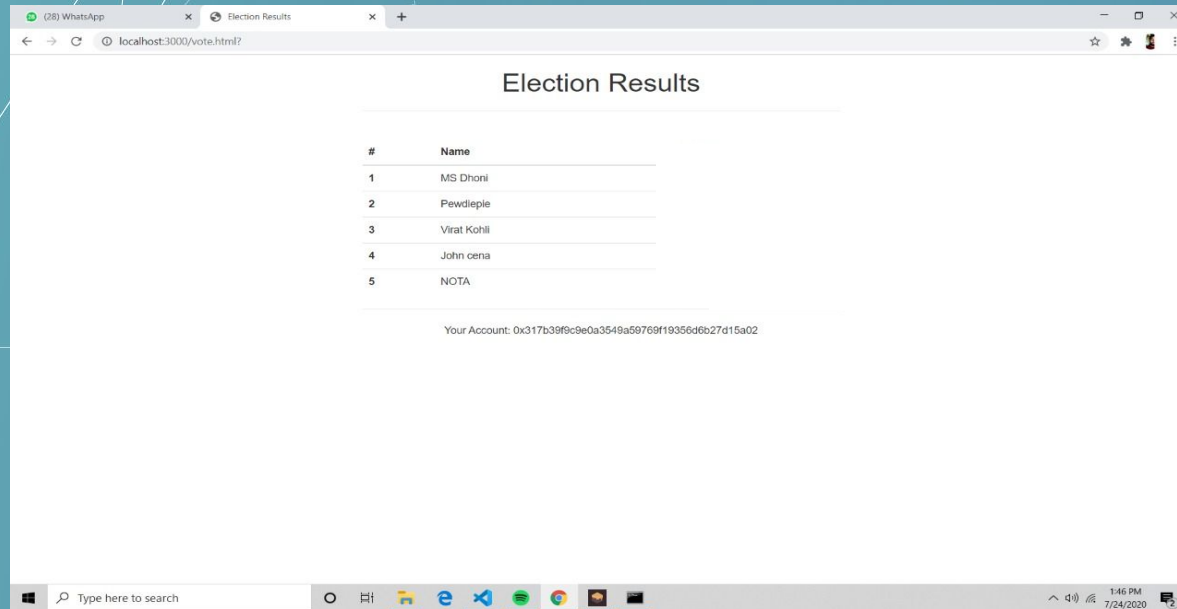
Vote

Your Account: 0xf1d3cccfb4cd385e9f3ba8a0c7cbc95974819cc9

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## STEP 7:

After selecting the desirable candidate through drop-down option, click on the Vote button. A popup through Metamask will appear to validate if transaction or vote was really done by you. Click on the confirm button to cast the vote. The interface will refresh after voting and Vote button will disappear now to avoid double voting. Woah! The Voting process is finished and your vote has been recorded.



Note: Transaction/  
voting receipt can  
be viewed using  
the popped up  
notification after  
voting.