Blockchain and Cryptocurrencies Project

MultiCurrency HD wallet

Contributors:

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GitHub repository:

<https://github.com/NadavC3/Blockchain>

How to run:

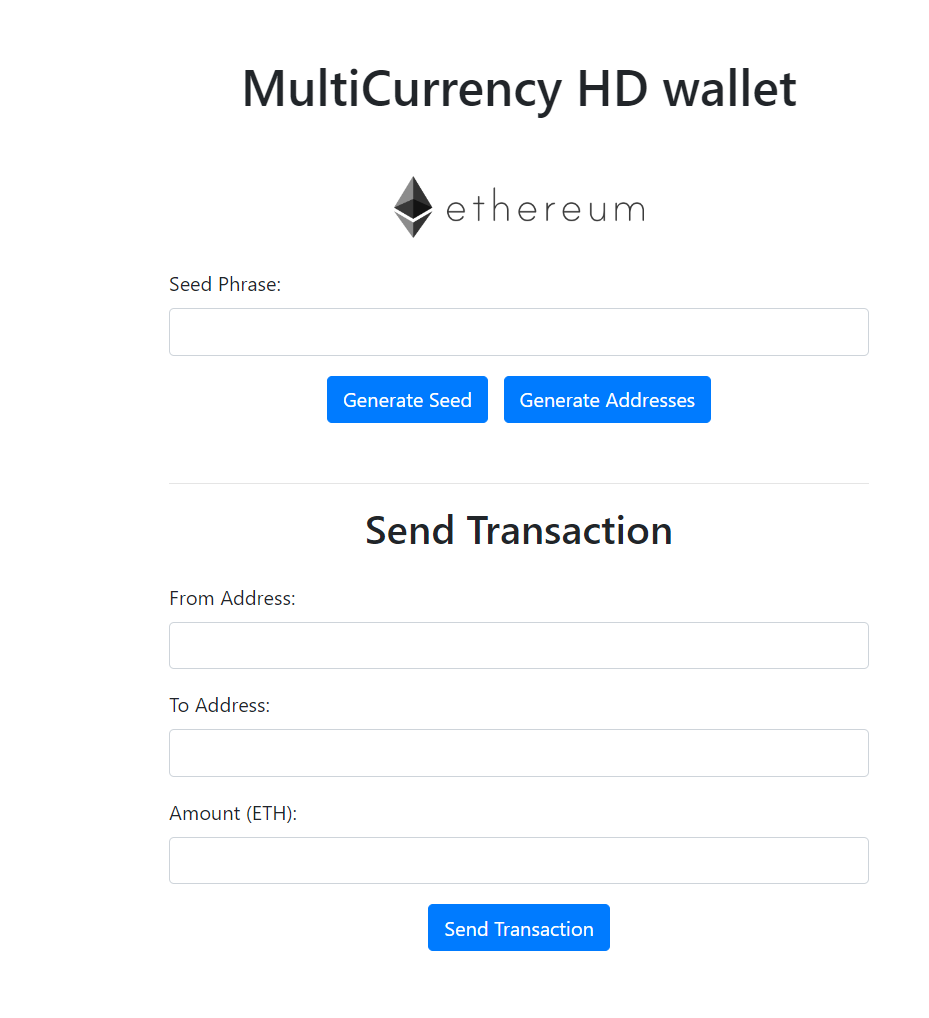
1. Open terminal and write the command “ node .\app.js ”
2. Open browser and change url to <http://127.0.0.1:8000/>

Our MultiCurrency HD wallet uses 2 types of currencies:

1. Etherium
2. Celo

We will show you how to use our wallet

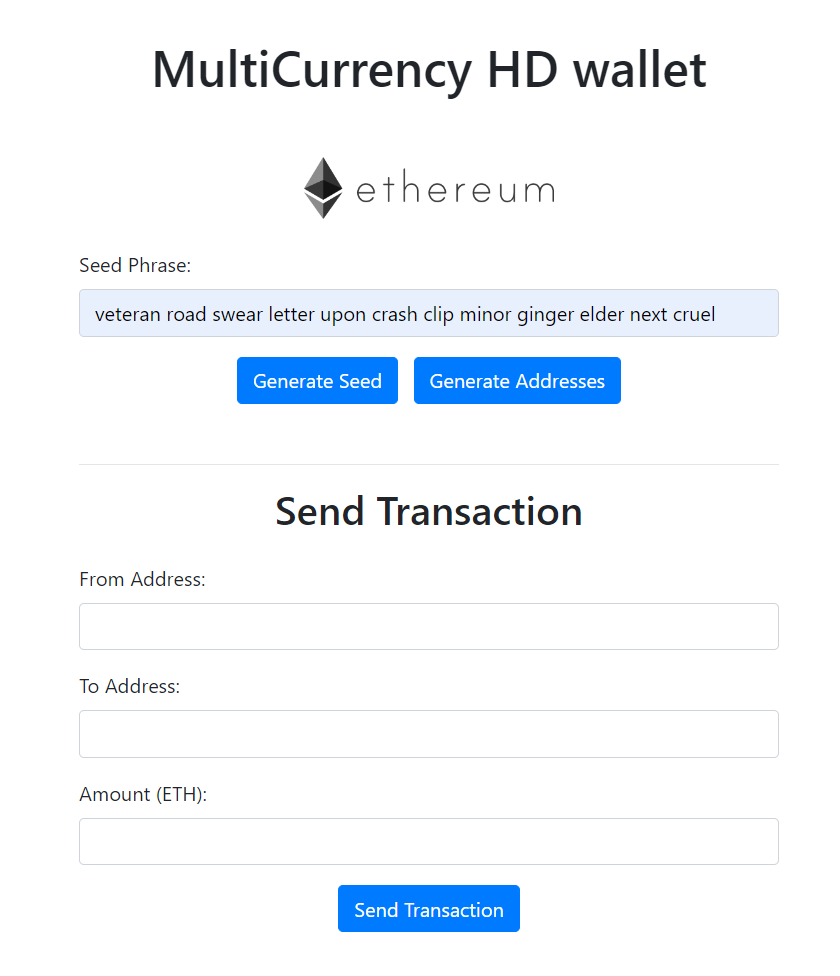
You can use Generate seed to get your mnemonic phrase



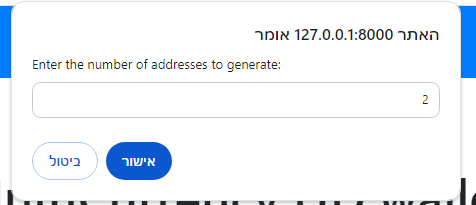
We already generated our seed, and will use the mnemonic:

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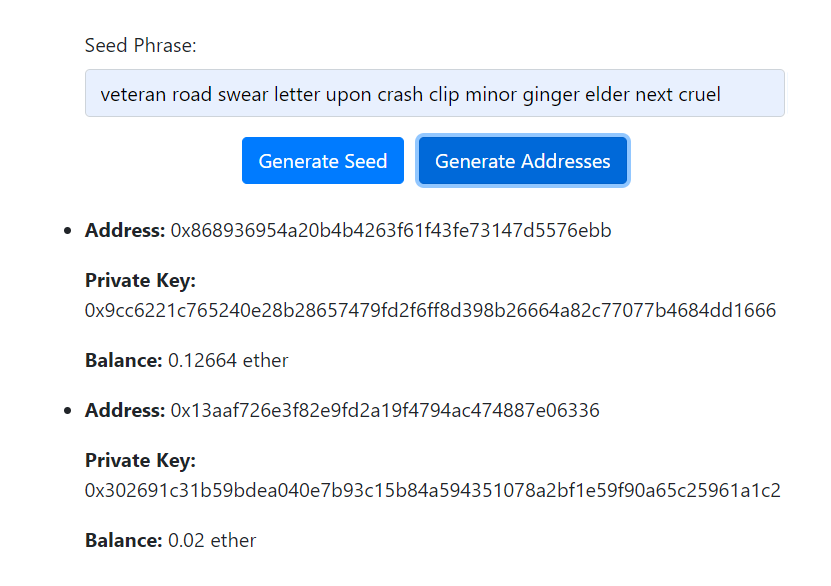
Enter the mnemonic phrase and click generate addresses



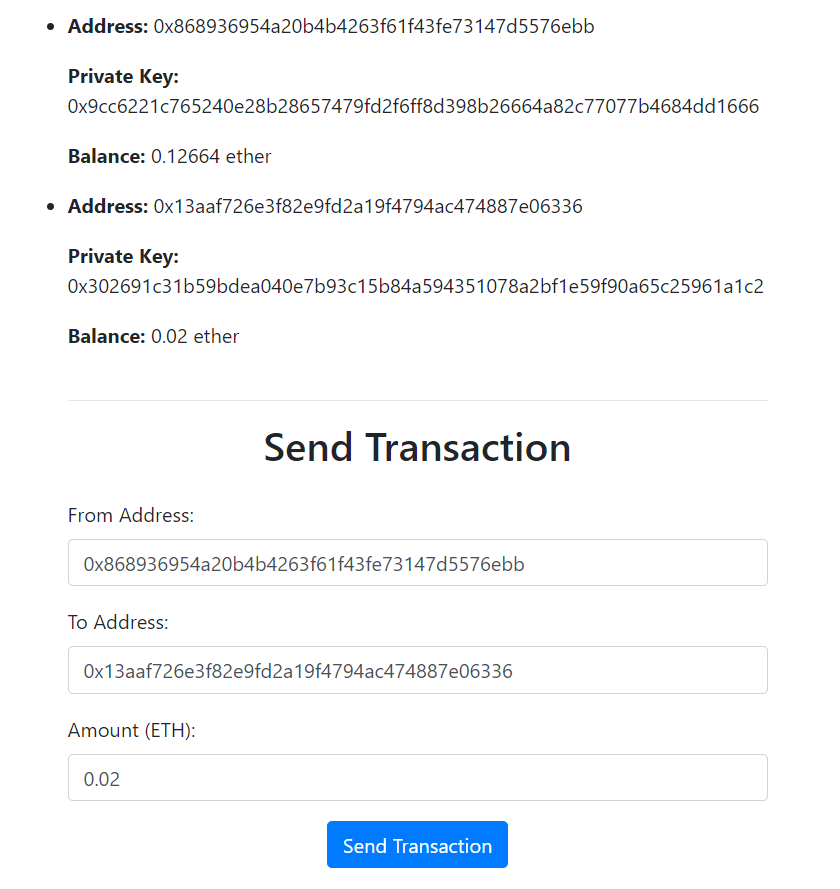
Next choose for example 2 addresses:



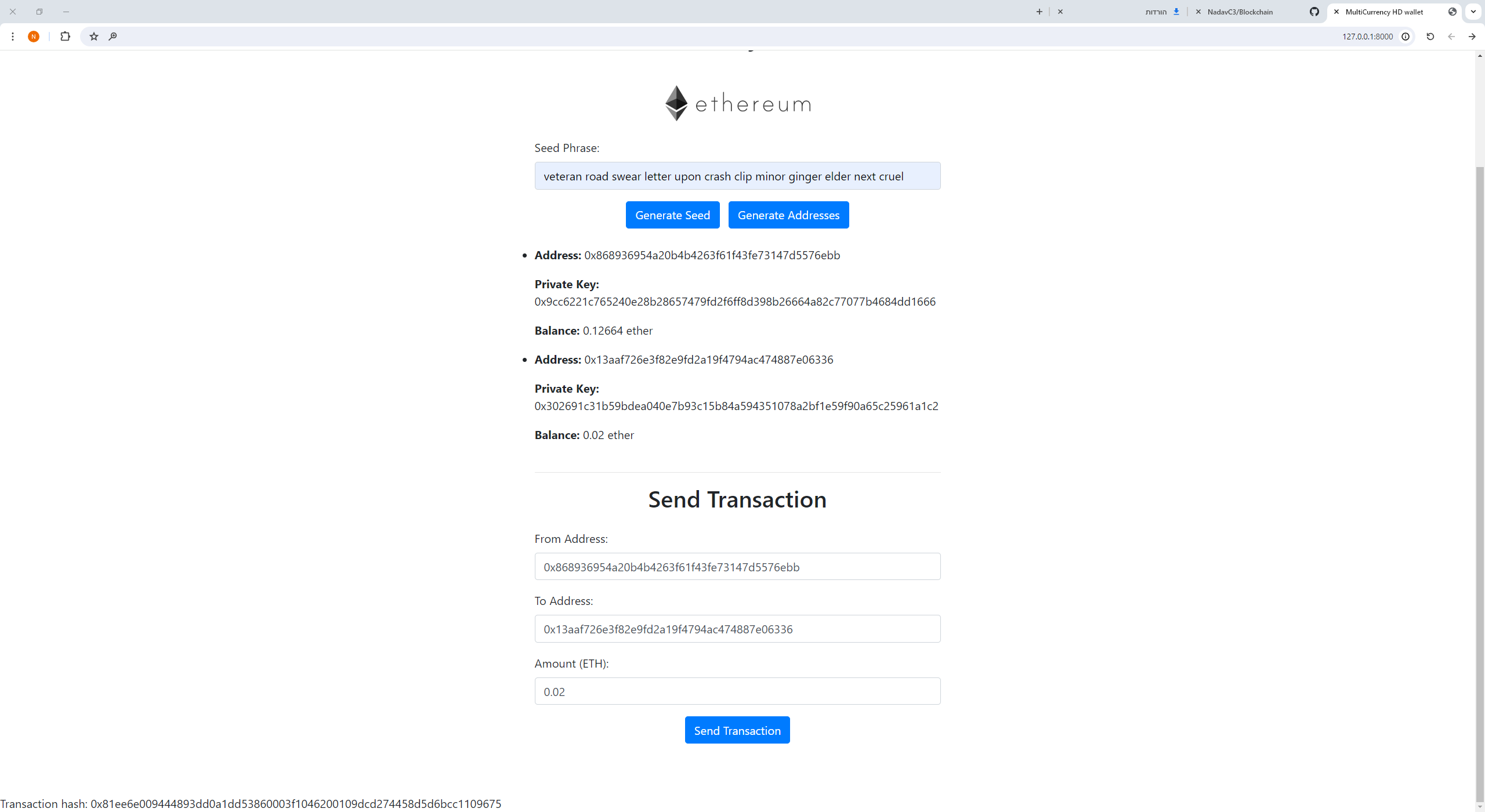
Now you will be able to see the addresses, their private key and the balance:



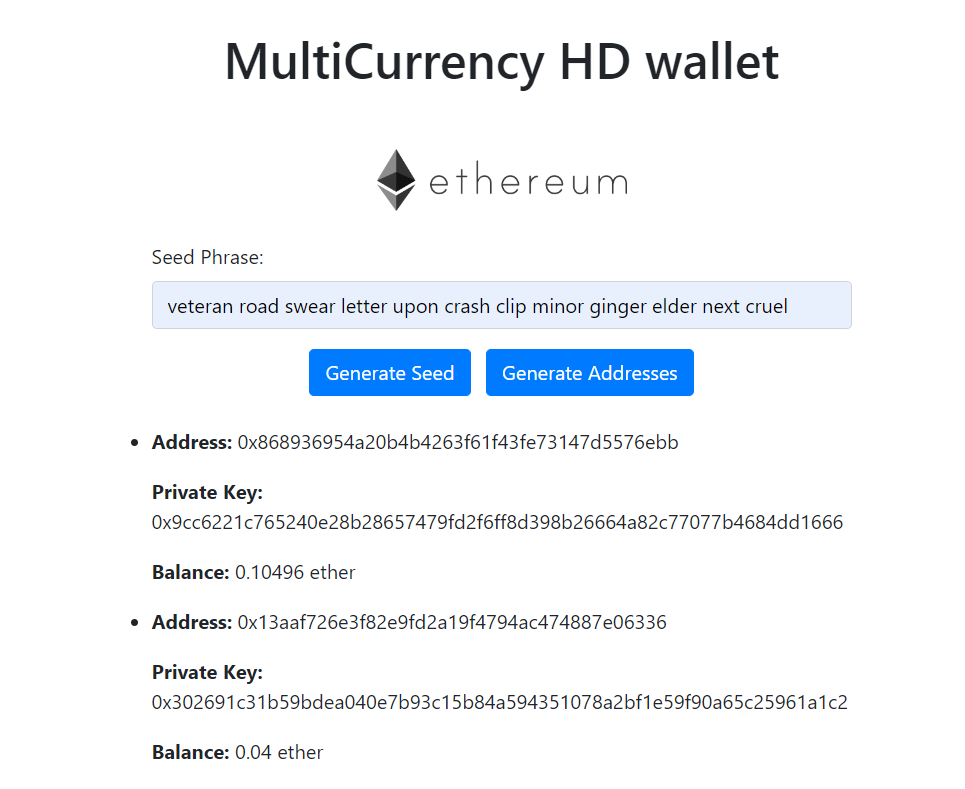
To send a transaction enter the matching addresses in the “From address” and the “TO address” fields

Add the amount of Ethereum you want to send in the “Amount” field and click “Send Transaction”  
  


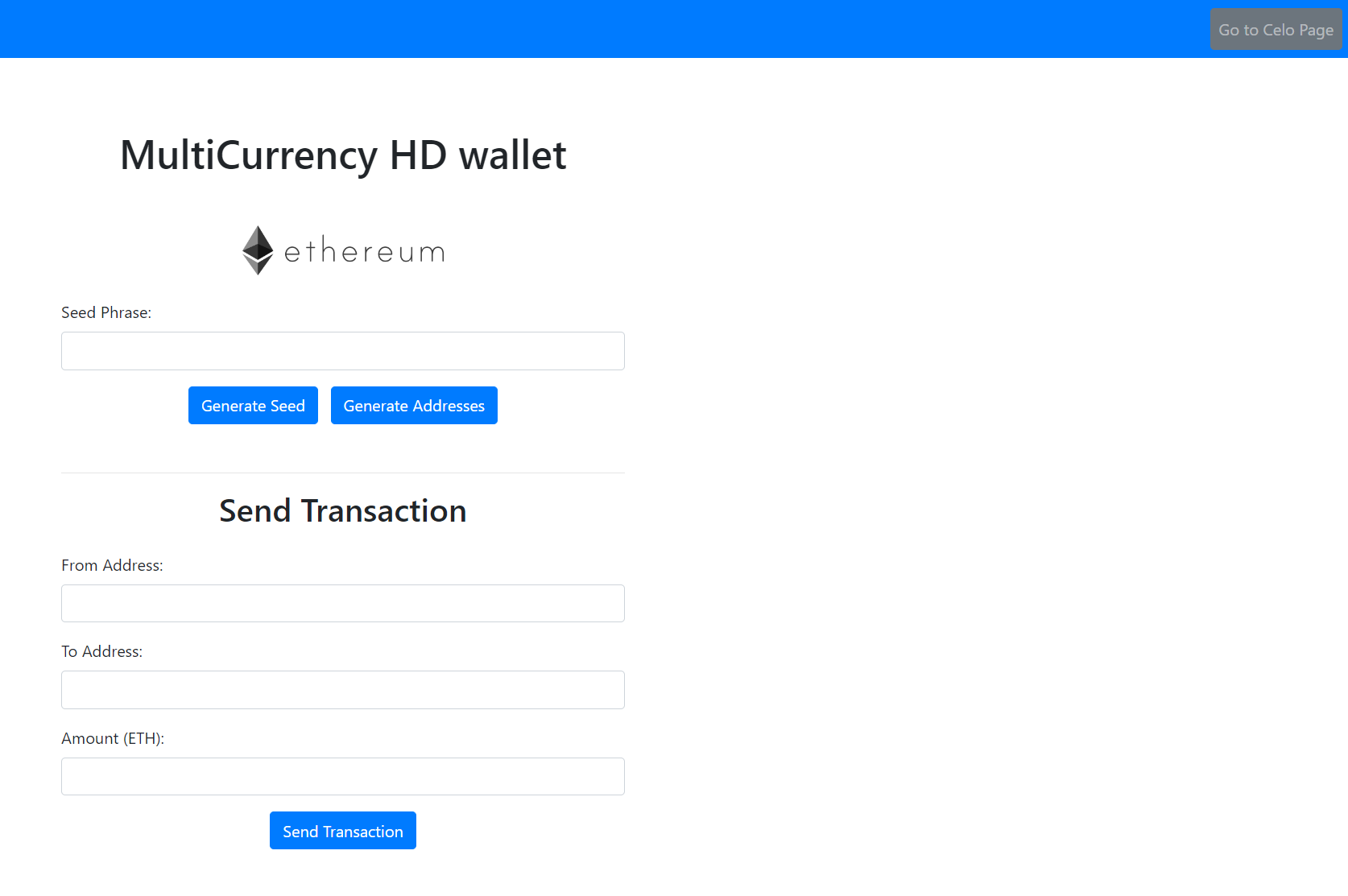
You will able to see the Transaction hash at the bottom:

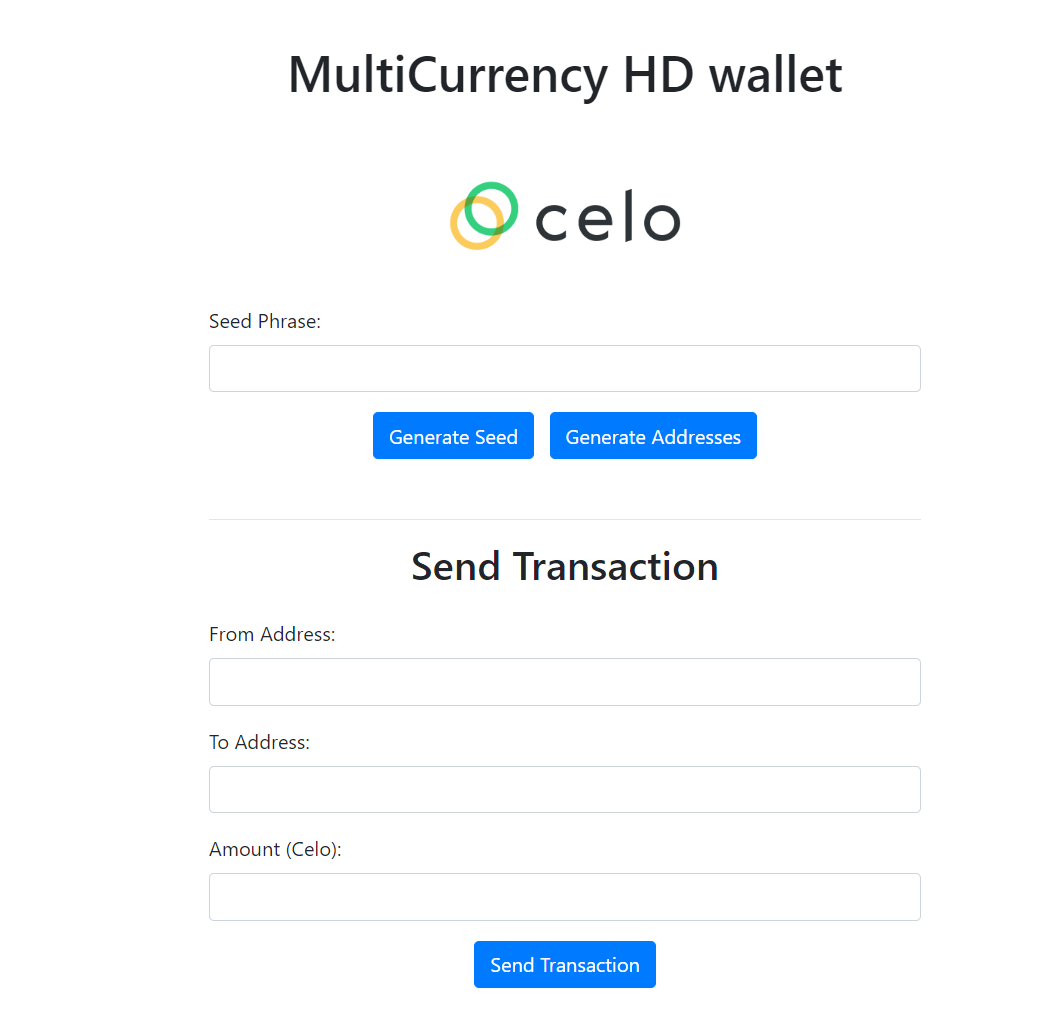


After refreshing the addresses by clicking again on the “generate addresses” you will be able to see the now balances:



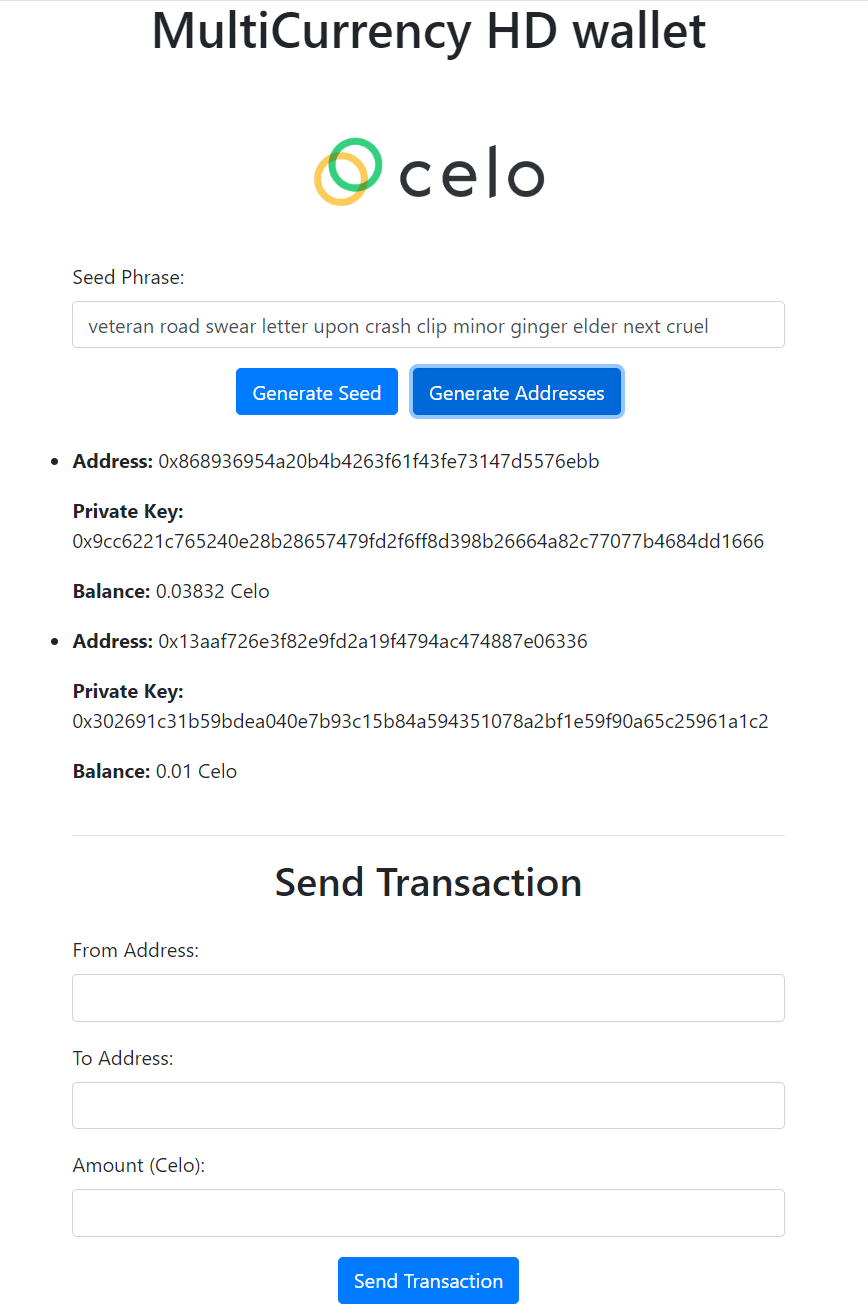
To change currency type, choose “go to Celo page” from the navigation bar on top:



You will be transferred to the Celo page:  
  


You can again generate seed or see the addresses for the seed  
for convenience we used the same phrase from before:

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And again, you can send a transaction and get the transaction hash:  
