**FlashLoan Demo**

Flash Loan is a new way of borrowing assets on the blockchain. A transaction is atomic whenever the series of its operations are indivisible and irreducible, either all or none of the transaction occurs. Flash Loan leverages atomicity to allow a user to borrow without posting collateral (valuable property owned by someone, who wants to borrow money, that they agree will become the property of the company or person who lends the money if the debt is not paid back). There are two caveats to mention. First of all, whenever you borrow an asset in a Flash Loan you have to pay a fee of 0.09% of the amount loaned. Secondly, you must pay back the loan in the same transaction in which you borrowed. Flash Loans are primarily used for arbitrage between assets.

//Contract Address

const Flashloanaddress="0x7e90999F74d88334218d696B9Bc6125fEEf3CF28";

// Deployed address provider

const   \_addressprovider=  "0x506B0B2CF20FAA8f38a4E2B524EE43e1f4458Cc5”;

//(Kovan Testnet Dai Contract/asset)

 const \_flashloanaddress= "0xFf795577d9AC8bD7D90Ee22b6C1703490b6512FD";

1)Home Screen

Graphical user interface, text, application

Description automatically generated

2)Click Button FlashLoan to get loan in one transection.

Graphical user interface, text, application

Description automatically generated

3)Then, Click on confirm transection.

Graphical user interface, text, application

Description automatically generated

4) Finally, get message of  **“FlashLoan executed successfully.Check on Etherscan”**

Graphical user interface, text, application

Description automatically generated

5)On etherscan, FlashLoan transaction is check on Kovan Test Network.

**https://kovan.etherscan.io/tx/0x59f1156e7455e130e522205c122ecad660da335f62807dc1f5399fb774ba58ff**

Graphical user interface, text, application, email

Description automatically generated

“Tokens Transferred”, you should see three different transactions.

1. The red arrow highlights the transfer of 1 DAI from LendingPool to our contract.
2. The orange arrow indicates the payback of 1 DAI along with the fees back to the Landing pool.
3. The blue arrow shows the interest generated DAI which has its separate utility.

Thanks You