GROUP C: ASSIGNMENT NO. 1

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litle.	Installation	Q+	Promask

Objective: To understand about Metamask and toanscachans in it.

Problem Statement:

Installation of MetaMask & study spending Ethers
per transcotion

Software & Hardware Requirement:

- 1. Desktop (Laptop
- 2. Any Operating System
- 3. Web Browser
- 4. Internet Connection

Theory:

Meta Mask

Metamask is a type of Ethereum wallet that bridges the gap between the user interfaces for Ethereum (For example, Mist browsers, DAppr) & the regular web (For example, Groogle Chrome, Mozilla Firefox, websites) Its function is to inject a Java Script library called web3.js into the namespace of each page your browsers loads. Inleb3.js is written by the Ethereum core team. MetaMark is mainly used as a plugin in the web browsers.

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Installation Steps For Google Chrome:

Step 1: Go to Choome Meb Store Extensions Section.

Step 2: Search MetaMask

Step 3: Check the number of downloads to make sure that the legitimate MetaMark is being installed as hackers might by to make clones of it.

Step 4: Click the Add to Choome button.

Step 5: Once installation is complete, Indecome To MetaMark page will be displayed. Click an the Get Started button.

Step 6: At This step installation of MetaMark is complete.

Gras & Fees:

that allows it to operate, in the same way that a care meeds garoline to run.

Gas:

Gras refers to the cenit that measures the amount at computational effort required to execute specific operations on the Etherecum network.

Since each Ethereum tourscation requires computational remurees to execute, each tourscation requires a fee. Gas refers to the fee required to conduct a tourscation

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on Etherocum successfully.

Gras feet are paid in Ethereum's native currency, etter (ETH). Gras proices are denoted in gwei, which itself is a denomination of ETH - each gwei is equal to 0.000000001 ETH (10°9 FTH). For example, instead of saying that your gas costs 0.000000001 ether, you can say your gas costs 1 gwei. The word 'gwei' itself means 'giga-wei', I it is equal to 1,000,000,000 wei. Wei itself (named after Nei Dai, creator af b money) is the smallest writ af ETH.

Need of Gras Fees:

In short, gar frex help keep the Etherseum network secure. By requiring a fee for every computation executed on he network, we prevent bad actors from spanning the network. In order to avoid accidental or hostile infinite loop or others computational wastage in code, each transcaction is required to set a limit to how many computational steps of code execution it can use. The fundamental unit of computation is "Gas".

Although a transcaction includes a limit, any gas not used in a transaction is seturated to the uses (i.e. max Fee - (buse Fee + tip) is seturated)

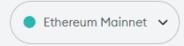
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MetaMark is a boowser plugin that somes as an Ethereum wallet, & is installed like any other users to store Etter & others ERC-20 tokens, enabling them to toanseact with any Etherseum

By connecting to Mctatlask to Ethereum-based dapps, users can spend their coins in games, state tokens in games, state tokens in gambling applications, & toade them as decentralized exchanges (DEXs). It also provides at decembralized finance, or Defi, providing a way to accest Deli appr such as Compound or Pool Togethor.

Successfully installed metamosk & studied about gas fees.







Welcome back!

The decentralized web awaits

Password

Unlock

Forgot password?

Need help? Contact MetaMask support