Centurion University
Shaping Lives... Empowering Communities...

School: ..... Campus: .....

Academic Year: ..... Subject Name: ..... Subject Code: .....

Semester: ..... Program: ..... Branch: ..... Specialization: .....

Date: .....

Applied and Action Learning

(Learning by Doing and Discovery)

Name of the Experiement : Wallet on Testnet – Set Up and Transact

* Coding Phase: Pseudo Code / Flow Chart / Algorithm

1. Start
2. Open a web browser and install a testnet wallet extension
3 Create a new wallet account and safely store the seed phrase.
4. Switch the network to the testnet environment.
5. Copy your wallet address.
6. Go to a testnet faucet and request free test tokens.
7. After receiving tokens, initiate a transaction to send tokens to another address.
8. Verify the transaction status using the blockchain explorer.
9. End

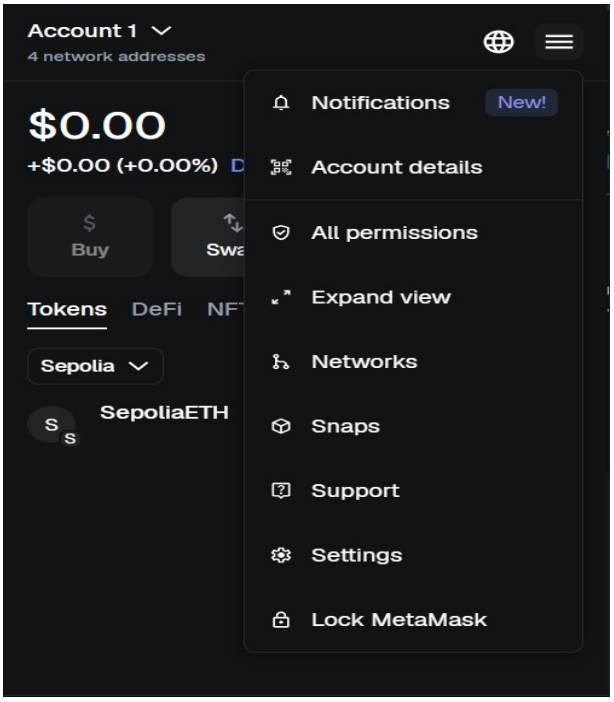
* Software used

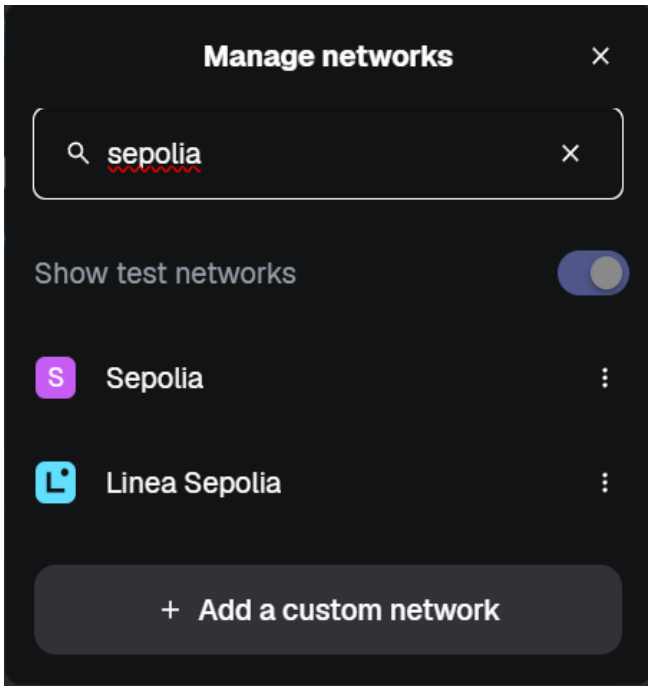
1.Metamask wallet
2.Ethereum Sepolia Faucet
3.Brave browser

*As applicable according to the experiment.
Two sheets per experiment (10-20) to be used.

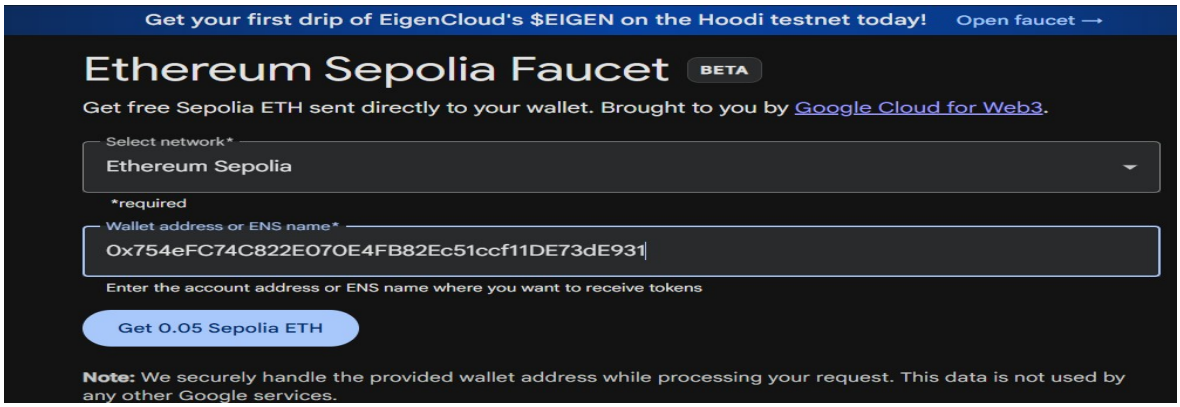
* Implementation Phase: Final Output (no error)

First setup your metamask wallet in the browser and then switch the network to sepolia testnet





Now search for google cloud sepolia faucet then paste your wallet address to get sepolia ETH.



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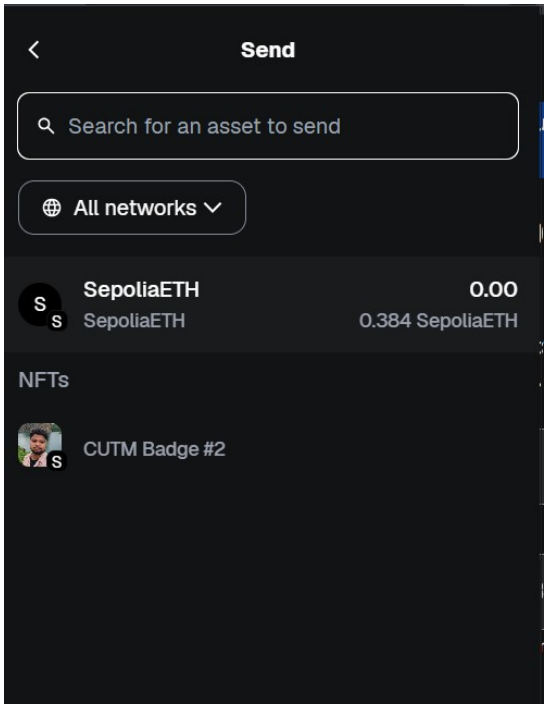
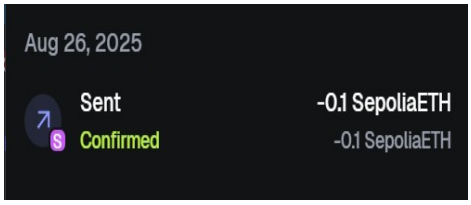
Now in your metamask wallet go to send and paste someone else's wallet address and confirm the transaction





* Observations

A testnet wallet was set up successfully, and blockchain transactions were performed and verified.

This demonstrated how wallets function on a blockchain network and how testnets are used for safe and risk-free experimentation.

ASSESSMENT

Rubrics	Full Mark	Marks Obtained	Remarks
Concept	10		
Planning and Execution/ Practical Simulation/ Programming	10		
Result and Interpretation	10		
Record of Applied and Action Learning	10		
Viva	10		
Total	**50**		

Signature of the Student:

Name :

Regn. No. :

Signature of the Faculty:

**As applicable according to the experiment.*
Two sheets per experiment (10-20) to be used.