



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 Experiment : Wallet on Testnet – Set Up and Transact

* Coding Phase: Pseudo Code / Flow Chart / Algorithm

ALGORITHM:

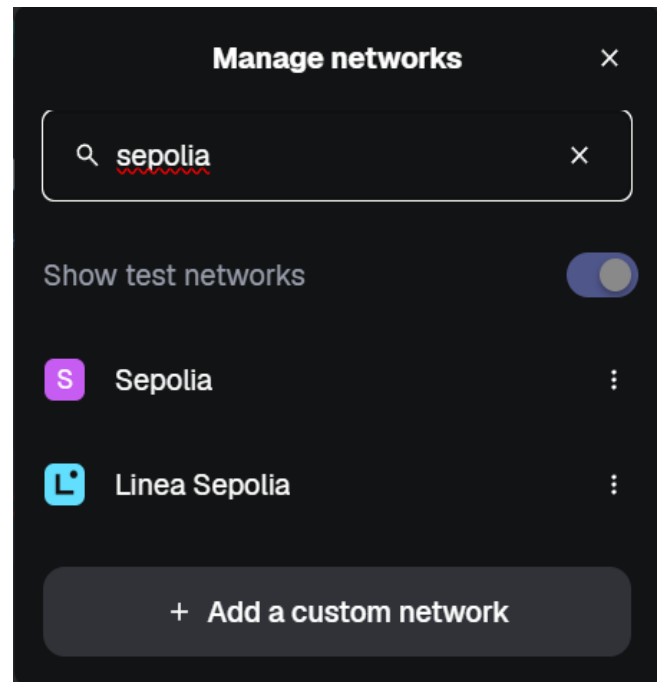
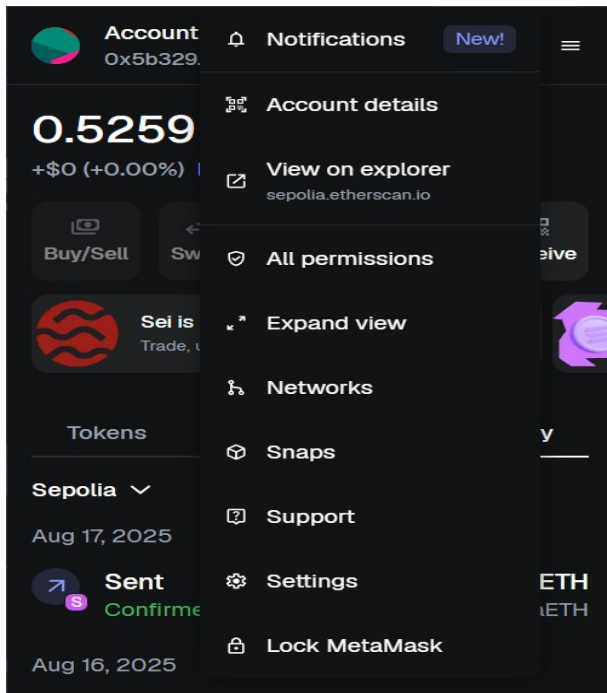
- 1.Start
- 2.Install and setup your metamask wallet in the browser
- 3.Switch the network to sepolia testnet
- 4.Then search for ethereum sepolia faucet in browser
- 5.Paste your wallet address and click on receive sepolia ETH
- 6.Testnet sepolia ETH will directly be received in your wallet
- 7.Now click on send and paste someone else's wallet address
- 8.Confirm transaction on etherscan
- 9.End

* Software used

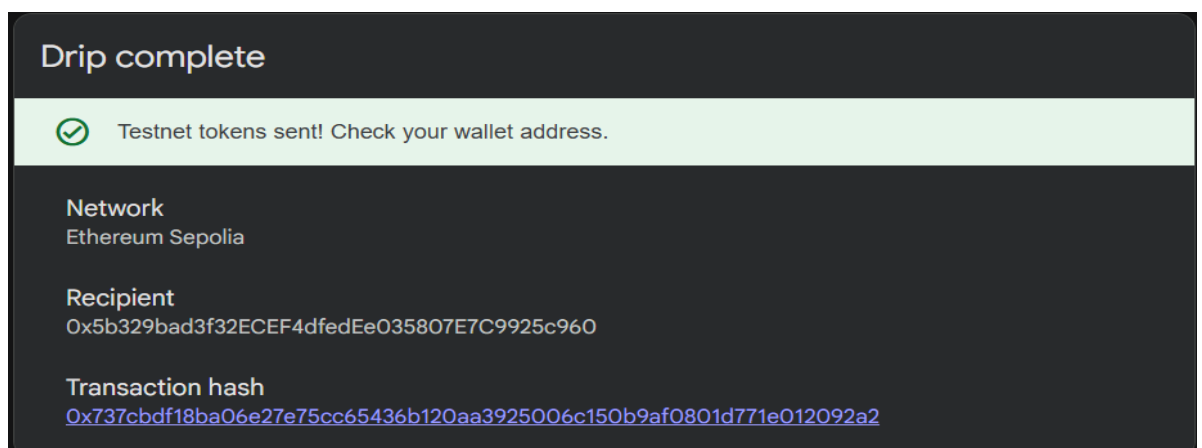
- 1.Metamask wallet
- 2.Ethereum Sepolia Faucet
- 3.Brave browser

* Implementation Phase: Final Output (no error)

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



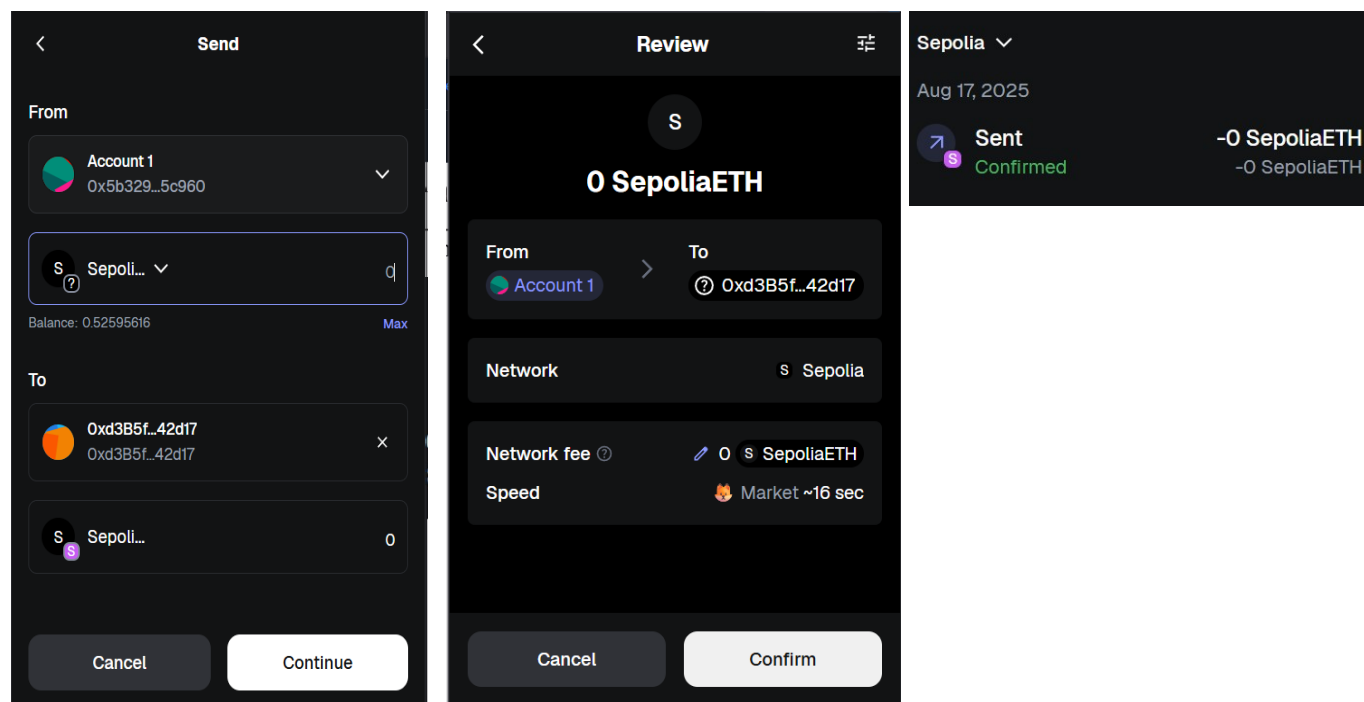
Now search for google cloud sepolia faucet then paste your wallet address to get sepolia ETH.

 A screenshot of the 'Ethereum Sepolia Faucet' website. The header says 'Ethereum Sepolia Faucet' with a 'BETA' badge. Below the header, it says 'Get free Sepolia ETH sent directly to your wallet. Brought to you by Google Cloud for Web3.' There is a dropdown menu for 'Select network*' with 'Ethereum Sepolia' selected. Below this is a label '*required' and a text input field for 'Wallet address or ENS name*' containing '0x5b329bad3f32ECEF4dfedEe035807E7C9925c960'. Below the input field is a note 'Enter the account address or ENS name where you want to receive tokens'. At the bottom, there is a blue button that says 'Receive 0.05 Sepolia ETH'.


* Implementation Phase: Final Output (no error)

Applied and Action Learning

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



* Observations

1. A wallet on the testnet allows safe practice of sending, receiving, and managing crypto transactions without using real funds.
2. Testnet transactions demonstrate how blockchain confirmations, balances, and addresses work in a risk-free environment.

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:

Page No.....

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