



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:**

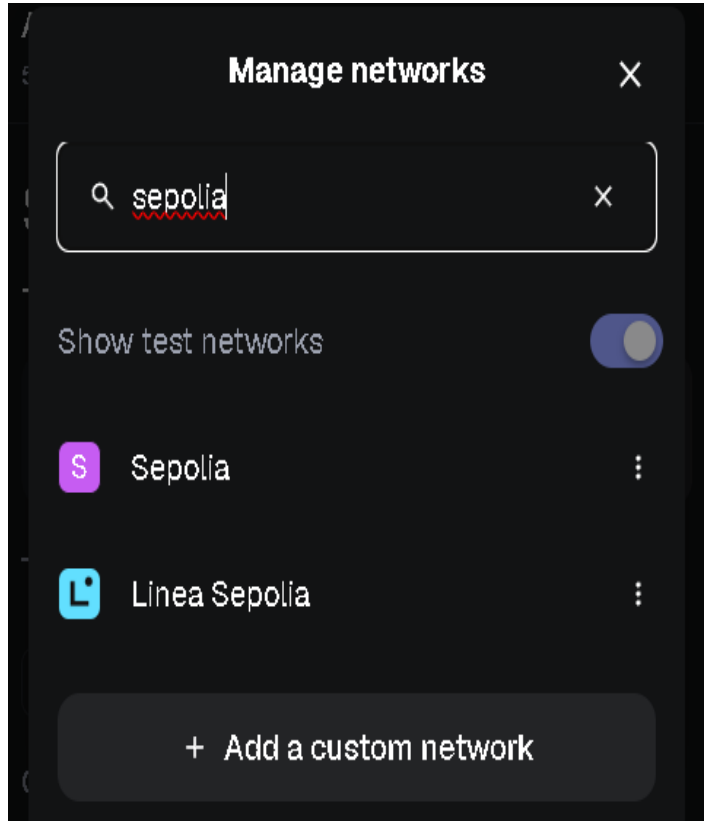
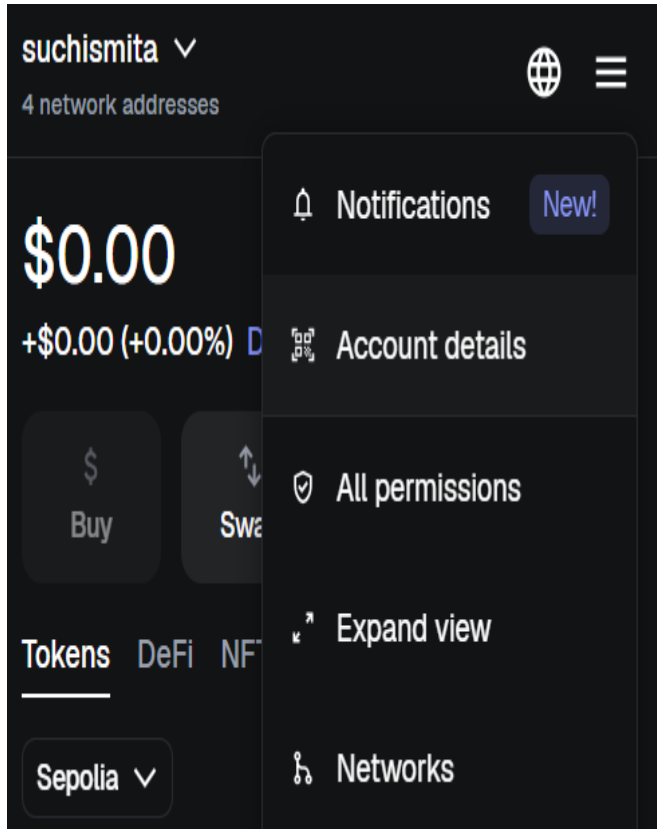
- 1.Start
- 2.Install and setup your metamask wallet in the browser
- 3.Switch the network to sepolia testnet
- 4.Then search for ethereum sepolia faucet in browser
- 5.Paste your wallet address and click on receive sepolia ETH
- 6.Testnet sepolia ETH will directly be received in your wallet
- 7.Now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

### **Apparatus/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.

## Ethereum Sepolia Faucet BETA

Get free Sepolia ETH sent directly to your wallet. Brought to you by [Google Cloud for Web3](#).

Select network\*

Ethereum Sepolia

\*required

Wallet address or ENS name\*

0xc7e72e73c924058a28afdd1bc27a30208379511b

Enter the account address or ENS name where you want to receive tokens

[Get 0.05 Sepolia ETH](#)

**Note:** We securely handle the provided wallet address while processing your request. This data is not used by any other Google services.

Implementation Phase: Final Output (no error)

Drip complete

Testnet tokens sent! Check your wallet address.

Network

Ethereum Sepolia

Recipient

0xc7e72e73c924058a28afdd1bc27a30208379511b

Transaction hash

[0x145590ba1a277f8ee76c8a1ad70f7d13caea9ec193f08f5535393593c50c0dfe](#)

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

<Send

From

Account 1

0x5b329...5c960

S Sepoll...

?

q

Balance: 0.52595616

Max

To

0xd3B5f...42d17

0xd3B5f...42d17

S Sepoll...

0

Cancel

Continue

<Review

S

0 SepoliaETH

From

Account 1

>

To

0xd3B5f...42d17

Network

S Sepolia

Network fee

0 S SepoliaETH

Speed

Market ~16 sec

Cancel

Confirm

Sepolia

Aug 17, 2025

Sent

Confirmed

-0 SepoliaETH

-0 SepoliaETH

## Observations :

- A wallet on the testnet allows safe practice of sending, receiving, and managing crypto transactions without using real funds.
- 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		
<b>Total</b>	<b>50</b>		

**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.*

