



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 : Know Your TX – Dissecting a Transaction

Objective/Aim:

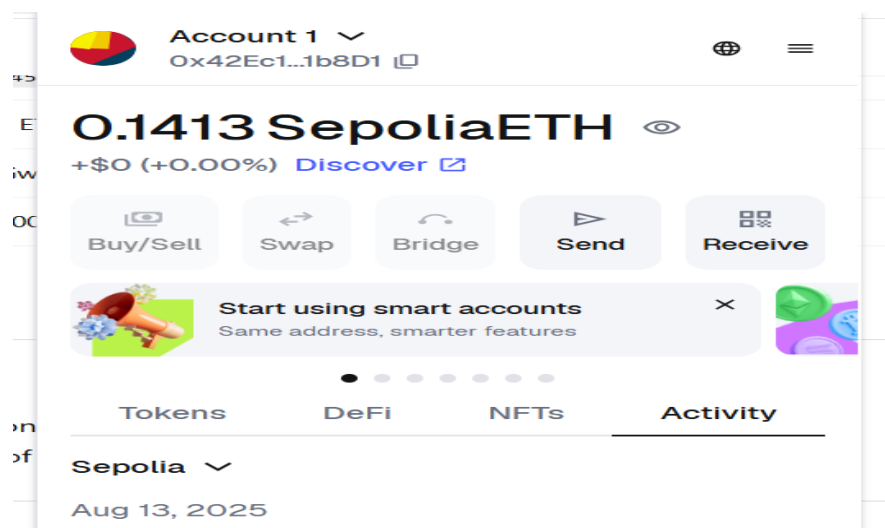
To understand and analyze the components of a blockchain transaction by examining its details on a block explorer, learning how to interpret fields such as transaction hash, block number, sender, receiver, gas used, and transaction status.

Apparatus/Software Used:

- Brave
- Ethereum testnet account (Sepolia)
- MetaMask wallet
- Etherscan

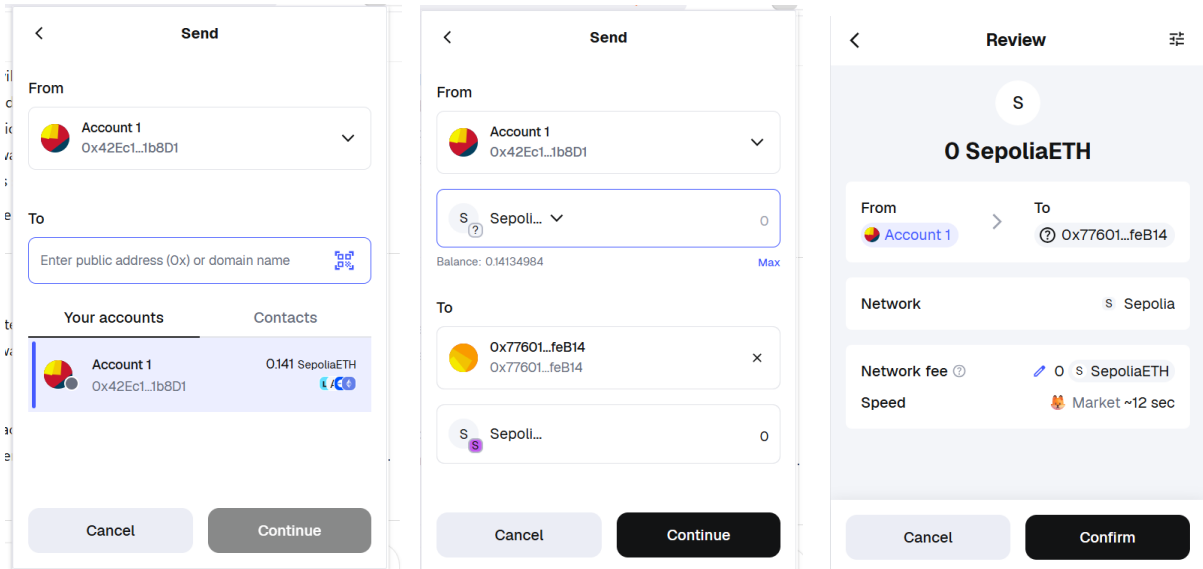
Procedure:

1. Open **MetaMask** and ensure you are connected to the Ethereum testnet (e.g., Sepolia).

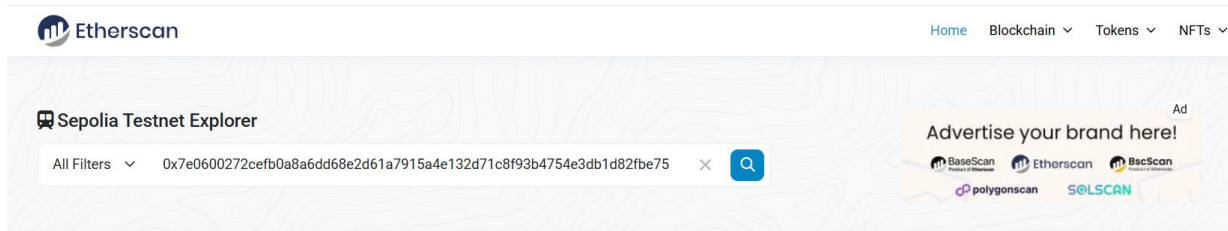


Procedure:

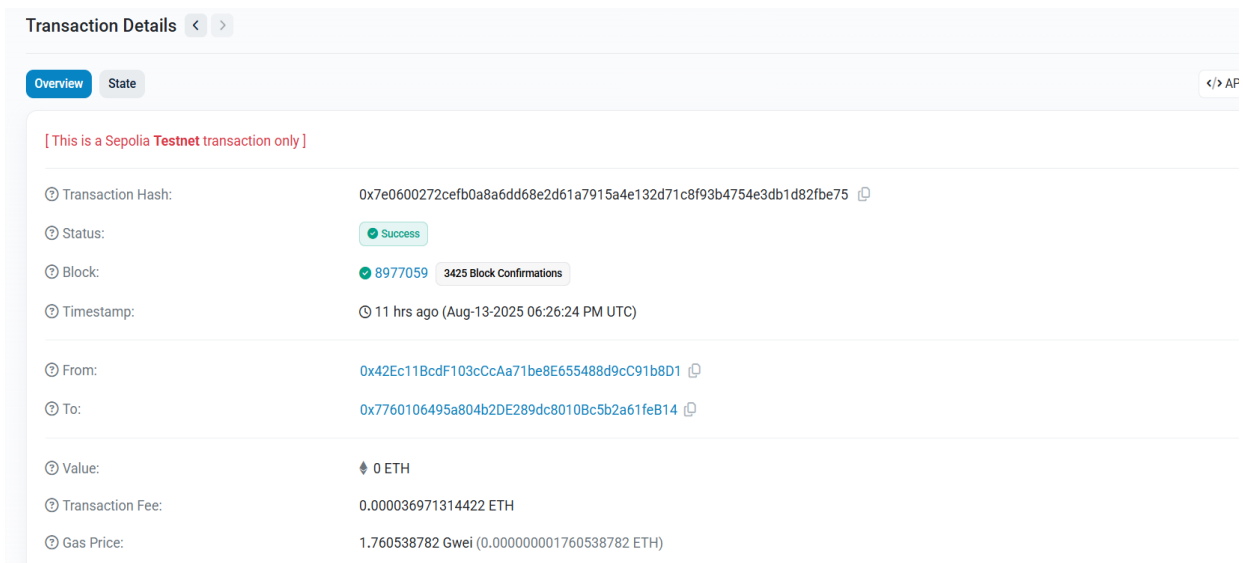
2. Send a small amount of test ETH from your wallet to another wallet address.
3. Wait for the transaction to be confirm , after confirmation copy the transaction hash.



4. Open **Sepolia Etherscan** and paste the transaction hash in the search bar.



5. Observe the transaction details such as sender, receiver, gas fees, block number, status, and timestamp.



Observation :

Applied and Action Learning

We successfully dissected a blockchain transaction using a block explorer, identified its components, and understood how these fields represent the flow of data and funds on the blockchain.

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.*