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

1. First we need to install and set up MetaMask through our browser

2. Then in our MetaMask wallet switch to Sepolia Testnet network under Networks section

3. Get free test ETH from Ethereum Sepolia Faucet for transact

4. In Meta Mask wallet click on send option and then input sender wallet address in 'From' section and enter Ethereum amount for transact.

5. Input receiver wallet address in 'To' section and click continue

6. Then click on confirm and our transaction will be done

7. Check transaction status on Activity section of sender wallet also we can check receiver wallet balance.
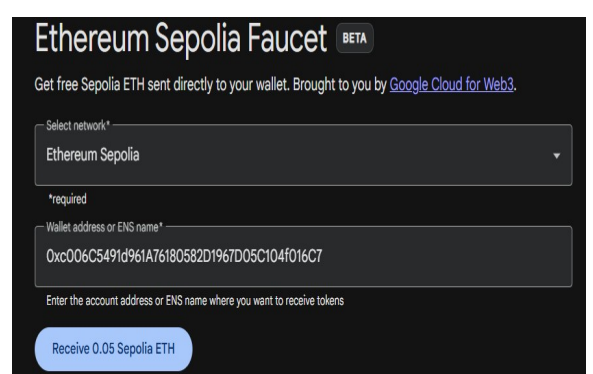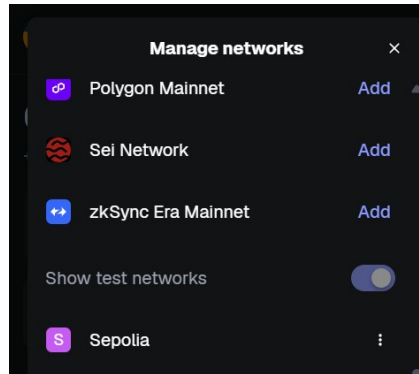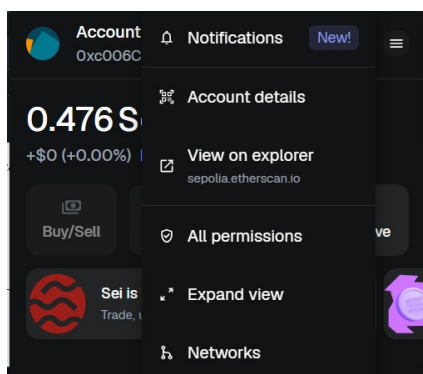
*Software used :

➢ Web browser (Brave or Microsoft edge)

➢ MetaMask wallet

➢ Ethereum Sepolia Faucet
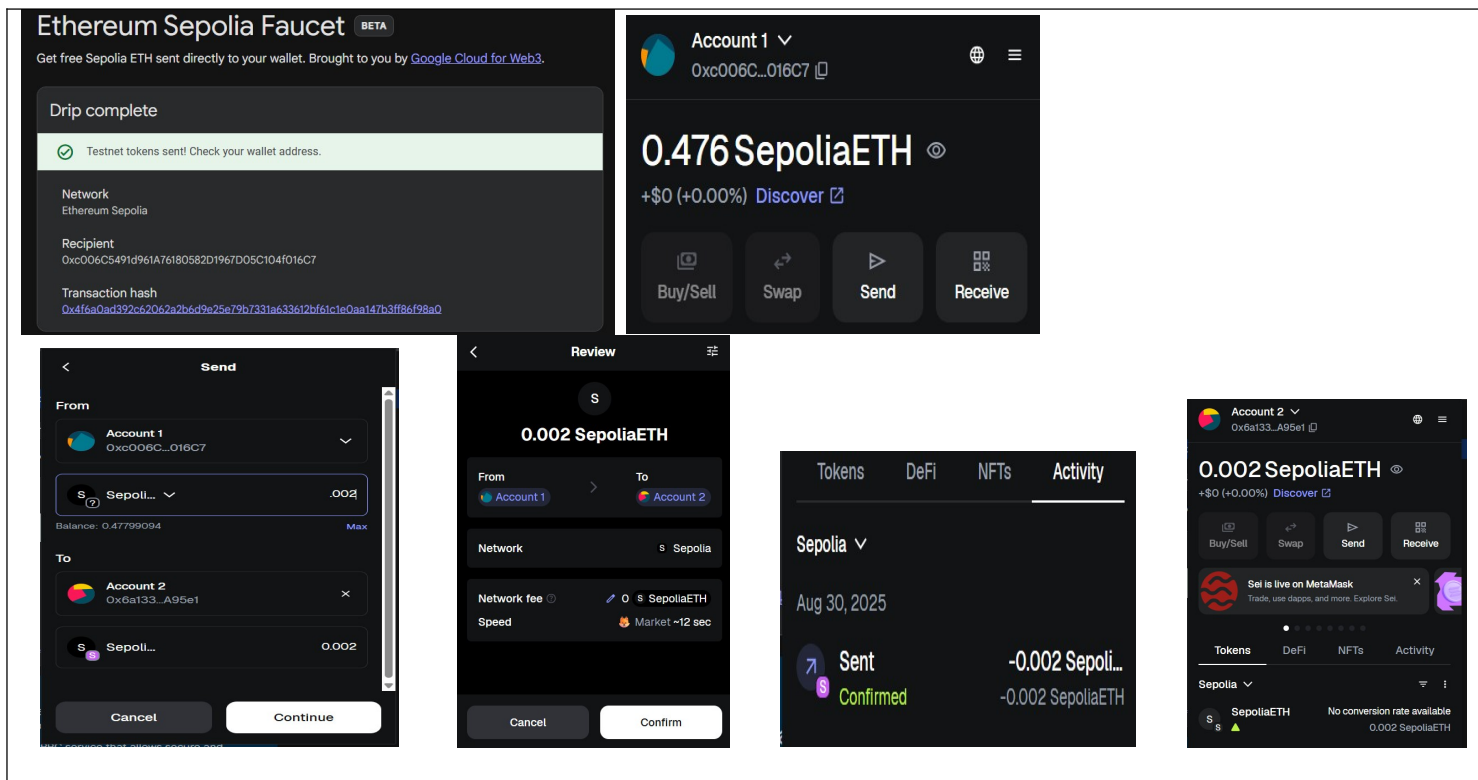
* Testing Phase: Compilation of Code (error detection)

No Error

* Implementation Phase: Final Output (no error)

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

* Observation :

- ➤ Sepolia test ETH was sent successfully from one MetaMask wallet to another on the Sepolia test network.

- ➤ MetaMask showed all transaction details (amount, recipient, and gas fees) before sending.

- ➤ The transaction could be tracked and verified on Sepolia Etherscan with info like status, time, and confirmations.

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 :

Signature of the Faculty :

Regn. No. :

Page No…………….

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