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

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

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

Date: ....

Centurion
UNIVERSITY
Shaping Lives...
Empowering Communities...

Applied and Action Learning
(Learning by Doing and Discovery)

Name of the Experiement :

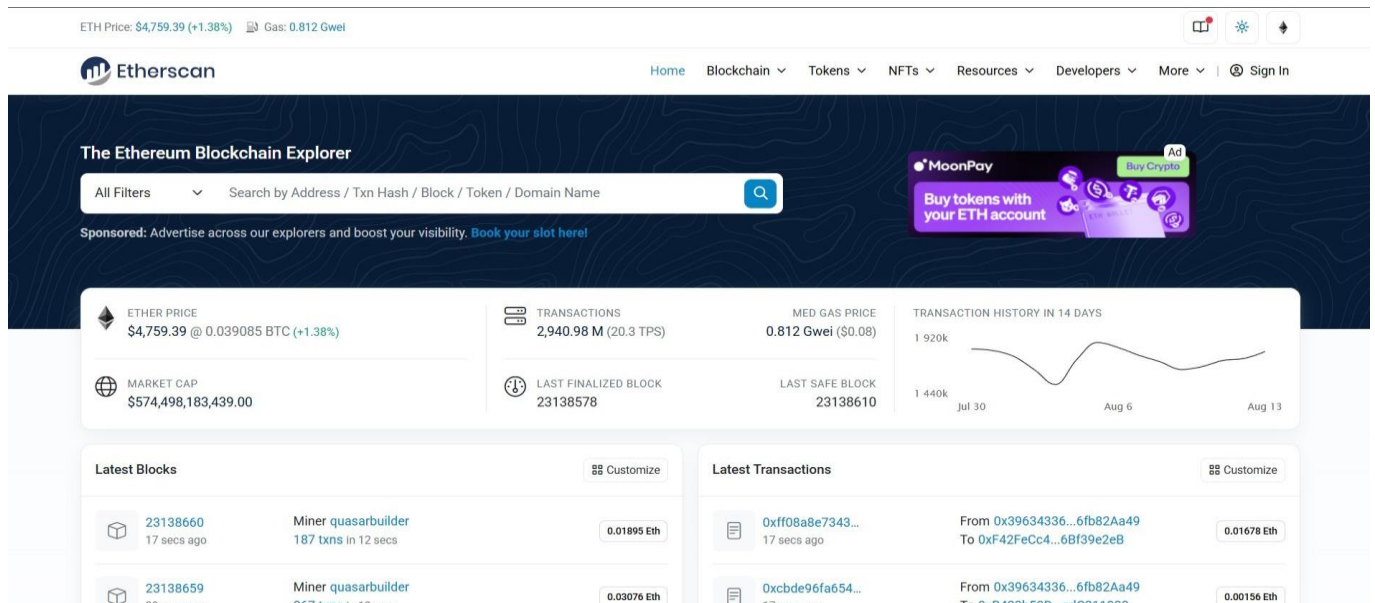## * Coding Phase: Pseudo Code / Flow Chart / Algorithm

ALGORITHM:
1. Open blockchain explorer for Bitcoin
2. Locate search bar on the explorer.
3. Enter transaction hash (TXID) and view details.
4. Note transaction info – sender, receiver, amount, fee, block number, status.
5. Enter wallet address and view its balance and transaction history.
6. Click block number to explore block details – hash, miner, transactions, timestamp.
7. Open smart contract address to view code and functions.

* Softwares used

1. Brave Web Browser
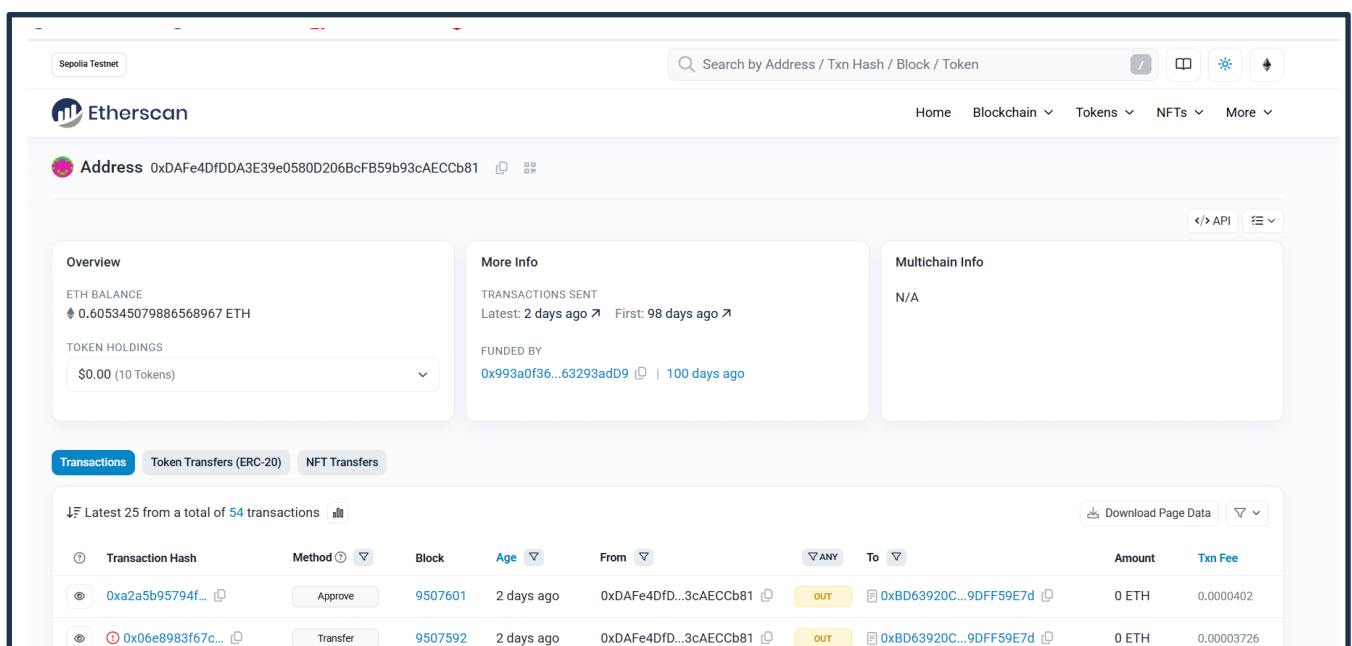2. Blockchain Explorer Website

* Implementation Phase: Final Output (no error)

First open the bitcoin explorer- https://www.blockchain.com/explorer

Then is search bar you can search with address,TXID and Token name

After searching will able to see the all details about the transaction like hash,timestamp,status,block

number,value ,gas price etc.

* Implementation Phase: Final Output (no error)

⑦ Gas Limit & Usage by Txn: 1,220,865 | 1,210,094 (99.12%)

⑦ Gas Fees: Base: 0.000166635 Gwei | Max: 1.500239596 Gwei | Max Priority: 1.5 Gwei

⑦ Burnt & Txn Savings Fees: 🔥 Burnt: 0.00000020164401369 ETH ($0.00)   💚 Txn Savings: 0.000000088289668334 ETH ($0.00)

⑦ Other Attributes: Txn Type: 2 (EIP-1559)   Nonce: 84   Position In Block: 29

⑦ Input Data:

0x608060405260012600025f6101000a81548160ff021916908360ff16021790555034801561002a575f5ffd5b50604051611a8e380380611a8e83398
18101604052810191061004c91906102cd565b825f908161005a919061055c565b5081600190810061006a919061055c565b5060025f905490610100a
900460ff1660ff16600a610089919061061078056b8161009491906107d1565b600381905550600035460045f3373ffffffffffffffffffffffffffffffff
ffffffffffff1673ffffffffffffffffffffffffffffffffffffffff168152602001908152602001520819055503373ffffffffffffffffffffffff

View Input As ⌄

More Details: — Click to show less

Now you can see all the details of the transactions on a blockchain explorer

* Observations

1. The transaction was successfully found on the Bitcoin blockchain using the provided TXID, showing full details such as sender/receiver addresses, amount transferred, and transaction fee.
2. The explorer displayed confirmation status, block number, and timestamp, confirming the transaction's inclusion in the blockchain.
3. Inputs and outputs were clearly listed, showing how Bitcoin was spent from one address and sent to one or more recipients.

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. :

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

Signature of the Faculty: