



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: Explore the Chain – Using a Blockchain Explorer

*Coding Phase: Pseudo Code / Flow Chart / Algorithm

- ☐ Open any blockchain explorer (e.g., Etherscan for Ethereum).
- ☐ Enter a transaction hash, block number, or wallet address in the search bar.
- ☐ Observe details like:
 - Block number
 - Timestamp
 - Transaction hash
 - Gas fee
 - Sender and receiver addresses
 - Amount transferred
- ☐ Explore recent blocks and transactions on the homepage.
- ☐ Note the confirmations and network statistics

* Software used:

- **Tool: Blockchain Explorer (e.g., Etherscan)**
- **Browser: Google Chrome**
- **Operating System: Windows**

* Testing Phase: Compilation of Code (error detection)

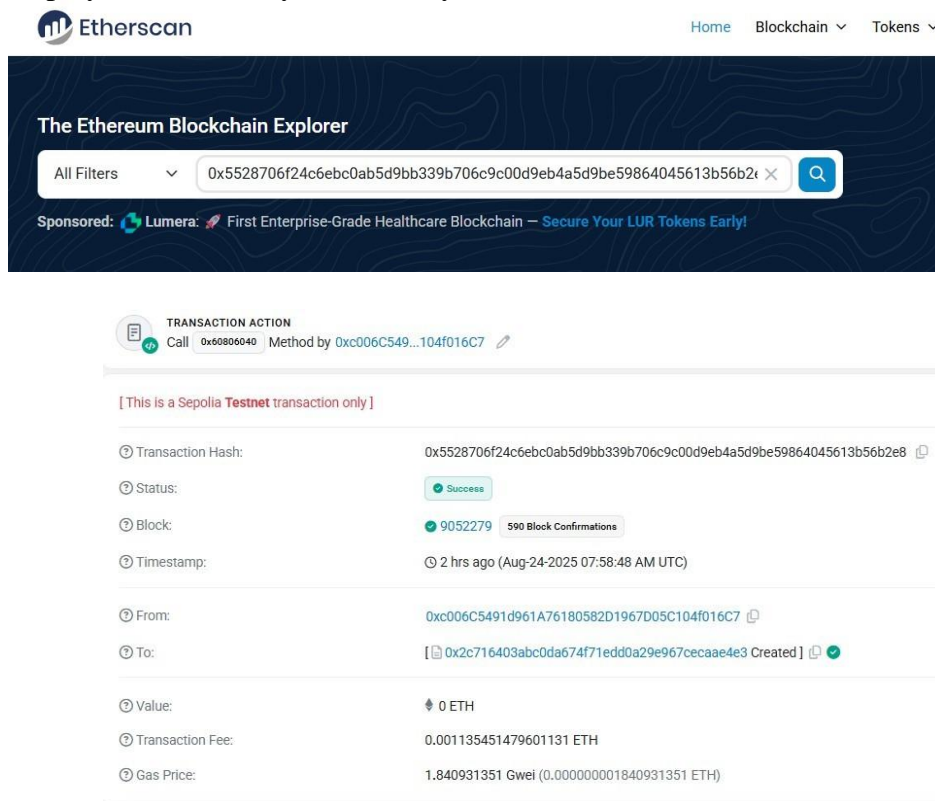
NO ERROR

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

* Implementation Phase: Final Output (no error)

- ☐ Opened the blockchain explorer website (Etherscan).
- ☐ Searched for a valid transaction hash.
- ☐ Transaction details such as sender, receiver, and value were displayed.
- ☐ Verified block number, timestamp, and gas fee.
- ☐ Output displayed successfully without any error.



* Observation :

From this experiment we observed:

- ☐ The blockchain explorer displayed all transaction and block details clearly.
- ☐ Each transaction had a unique hash and timestamp.
- ☐ Sender and receiver wallet addresses were visible but anonymous.
- ☐ Gas fee and transaction status were shown accurately.
- ☐ The explorer updated data in real time without any error.

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. :

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