Funtional Features

Team ID	NM2023TMID04387
Project Name	Project – Ethereum Decentralised Identity Smart Contract

Features of Ethereum:

- Smart contracts: Ethereum allows the creation and deployment of smart contracts. ...
- Ethereum Virtual Machine (EVM): It is designed to operate as a runtime environment for compiling and deploying Ethereum-based smart contracts.
- Ether: Ether is the cryptocurrency of the Ethereum network.

Ethereum compares to Hyperledger Fabric:

	Ethereum	**Hyperledger Fabric**
Governance	Decentralized	Federated
Consenus Mechanism	Proof-of-Work	Pluggable BFT
Smart Contract Languages	Solidity, Vyper	Go, Java, Javascript (Node.js)
Private Transactions	No	Yes

The Functionality Of A Blockchain:

A blockchain is a decentralized, distributed and public digital ledger that is used to record transactions across many computers so that the record cannot be altered retroactively without the alteration of all subsequent blocks and the consensus of the network.

Features Of Cryptocurrency Functioning:

A prominent feature of cryptocurrencies is decentralization. Decentralization means that cryptocurrencies operate on a distributed ledger technology, typically a blockchain, and do not rely on a central authority or intermediary, such as a government or financial institution, to validate or process transactions.