Solution Architecture

Team id	NM2023TMID04387
Project name	Project – Ethereum Decentralised Identity Smart Contract

Solution Architecture:
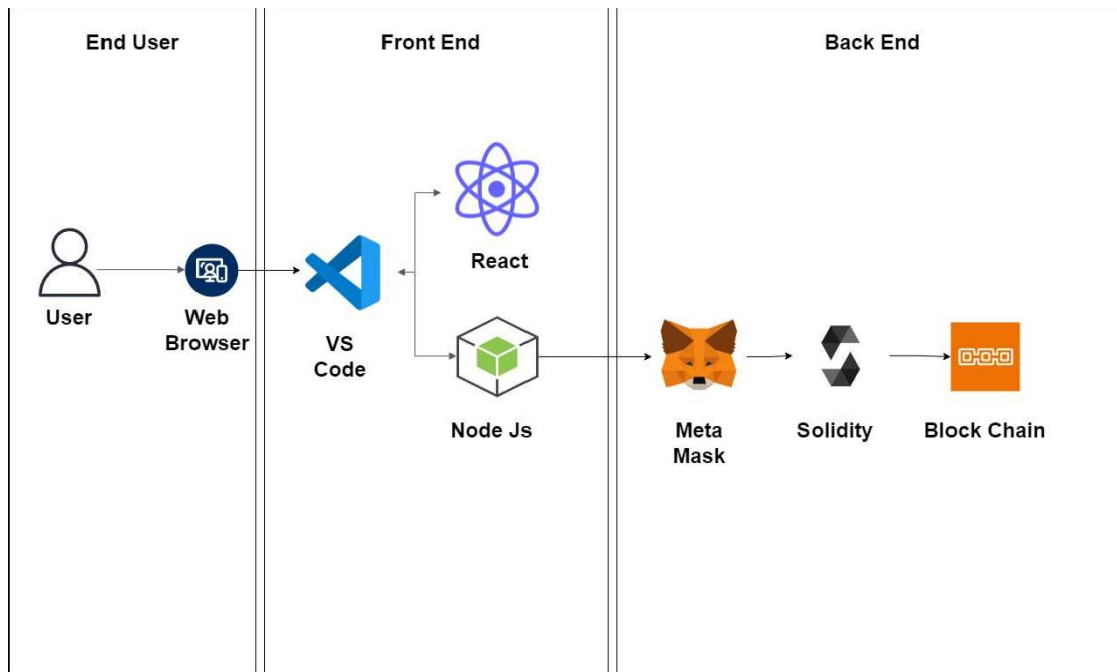
Solution architecture Description:

Front End:

User Interface (UI):

- The frontend development phase begins with creating a user-friendly interface for users to interact with the Ethereum DID smart contract. This includes web or mobile applications where users can manage their identities, keys, and transactions.

Wallet Integration:

- Integration with Ethereum wallets is essential to manage and sign transactions. Ethereum wallets allow users to interact with the

smart contract securely and sign messages for identityverification**.**

DID Management:

- Frontend interfaces should provide users with the ability to create, update, and revoke their DIDs. These interfaces may include forms for inputting identity data and options for managing keys and related information.

Interaction with Smart Contracts:

- Frontend development involves writing code that communicates with Ethereum smart contracts. This typically involves using web3 libraries to send transactions, query contract data, and perform various DID-related operations.