

Roles for Assests-Transfer Project

Student name – Vikram Singh(101501507)

Business Analyst:

Responsibilities: Analyzes business processes and identifies areas where blockchain technology can bring value. Defines use cases and user stories for the asset transfer system.

Architect:

Responsibilities: Designs the overall system architecture for the asset transfer application. Defines the technical specifications, including the choice of technologies and frameworks. Creates solution design documentation outlining the system's components, interactions, and data flows. Ensures the system's scalability, security, and performance meet requirements.

Blockchain Developer:

Responsibilities: Develops the chaincode (smart contract) for the asset transfer system. Implements the business logic for asset creation, transfer, and querying. Ensures the chaincode follows best practices and security standards. Works on integration with the frontend application through the API.

Full Stack Developer:

Responsibilities: Sets up the Hyperledger Fabric network for the asset transfer system. Configures peers, orderers, and channels according to the architecture. Deploys and manages the chaincode on the Fabric network. Develops the frontend application using typescript. Implements frontend features for asset viewing, transfer, and other functionalities. Integrates the frontend with the backend (REST API) for communication with the blockchain network.

