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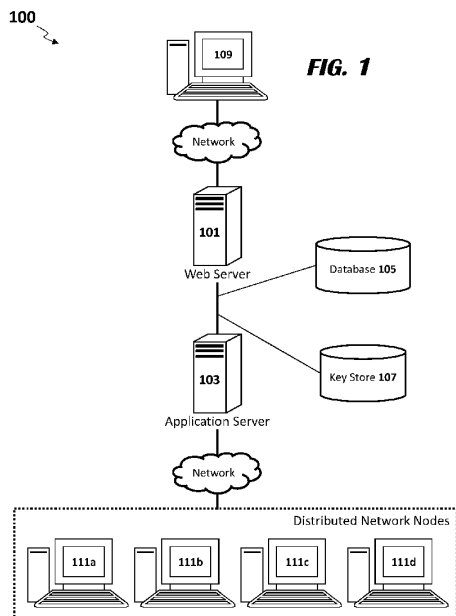
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(54) Title: SYSTEMS AND METHODS FOR DIGITAL IDENTITY MANAGEMENT AND PERMISSION CONTROLS WITHIN DISTRIBUTED NETWORK NODES



(57) Abstract: Embodiments disclosed herein provide systems and methods for digital identity management and permission controls within distributed network nodes. A network node may receive a request to generate a new digital identity record for an entity. The network node may retrieve a template based on an entity type; and receive information, reference documents, and biometric information for the new digital identity record. The network node may associate and store the received information to the data fields in the new digital identity record, generate respective one directional cryptographic hashes of the reference documents and the biometric information, and store the hashes in the new digital identity record while storing the reference documents and biometric information in a non-blockchain repository. The network node may generate a digital identity record block for the new digital identity record, encrypt the digital identity record block, and append the encrypted block to the latest valid blockchain.

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