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(57) Abstract :
The present invention discloses a system (100) for credential management within a blockchain network to verify user access. The system (100) includes a server (106) that facilitates secure communication between one or more computing devices (110) and one or more users (112). A processor (102) and memory (104) comprise a set of instructions to execute the credential management process. The system (100) receives credentials from the users (112) seeking access to the blockchain network (108) through the computing devices (110). Subsequently, the received credentials undergo a comparison with known credentials associated with verified users (112) stored in a blockchain ledger (216). Based on the comparison, the system (100) determines the authenticity of the user's credentials to access the blockchain network (108). The system (100) grants or denies verified users (112) access to the blockchain network (108) based on the determination, ensuring secure and reliable access control within the blockchain transactions.

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