

To Secure Crime Data Alert and User Alert System using Blockchain

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Abstract: *In the current scenario, the demand for computerization and data security has been increasing to combat with the increasing rate of crimes in the society. In the existing solution for prison management system there exist substantive data symmetry among prisons. Thus, during access of any prisoner detail, system may provide inappropriate details. Our objective is to implement a novel approach that stores the prisoner's credentials and efficiently verifies the prisoner's credentials via the blockchain technology. Our proposed solution is implements in the Hyperledger framework and the experimental result shows that our proposed solution is beneficial for the existing and upcoming investigation department.*

Keywords: Prisoner's Credentials, data security, block chain. Criminal records, Cryptography.

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