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# Automated Fingerprint Biometric System for Crime Record Management

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## Abstract

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Every society has laid down rules and regulations which are to be abide to by the citizens. Once the laws of the land are violated, then a crime is being committed and who break that law is called a criminal. A crime is an illegal conduct that is penalized by the government or another authority. Tracking and managing crimes committed by an individual whose conduct is extremely susceptible to a variety of framing situations is what crime management entails. The crime monitoring system can assist in the storage of records relating to criminals, cases, complaint records, and case histories, among other things. This process is usually done manually and it attracts a lot of issues. Low case tracking capability and a lack of searchable crime databases are among these challenges. In addition, there are issues with paper document management and filing, which can lead to data loss, unwanted access, and damage. Therefore, there is need to automate the system of crime record management. Some researchers have worked in this field but none of them have been able to proffer adequate solution in using fingerprint biometric system to identify criminals based on their unique identifiers. Hence, this study aims at developing an automated fingerprint biometric system for crime record management. The system would be developed using PHP and MYSQL and tested on some datasets and at the end would be able to manage crime records efficiently and effectively.

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