

Cyber Crime and its Management System through DBMS

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Abstract

The rapid growth of digital technology and internet-based communication has led to a significant increase in cyber crimes, creating challenges for individuals, organizations, and law enforcement agencies. Effective management of cyber crime requires systematic collection, storage, analysis, and retrieval of large volumes of crime-related information. A Database Management System (DBMS) can provide an efficient framework for managing cyber crime records, including incident details, suspects, victims, evidence, investigation status, and case outcomes. This overview examines the role of DBMS in developing a centralized and organized cyber crime management system. Such a system can improve data accuracy, security, accessibility, case tracking, and information sharing among authorized users. The proposed approach can help investigators manage cases more efficiently while maintaining data confidentiality and integrity. Overall, the integration of DBMS with cyber crime management can contribute to faster investigations, better record management, and more effective prevention and control of cyber crime.

Keywords: Cyber Crime, Cyber Crime Management, Database Management System (DBMS), Cyber Security, Crime Records, Data Management, Digital Evidence, Case Tracking, Data Security, Law Enforcement, Information Management, Crime Investigation.

