



INTERNATIONAL RESEARCH JOURNAL ON ADVANCED SCIENCE HUB

e-ISSN : 2582 - 4376
Open Access

RSP SCIENCE HUB

(The Hub of Research Ideas)
Available online at www.rspsciencehub.com

Special Issue of Second International Conference on Advancements in Research and Development (ICARD 2021)

Crime Records Management System

Narmada C¹, Sangeetha K², Apiekshav³, Deepak K⁴, Gokul Krishnanu⁵

^{1,2}Assistant Professor, Department of Computer Science and Engineering, SNS College of Technology, Coimbatore, India.

^{3,4,5}UG Scholar, Department of Computer Science and Engineering, SNS College of Technology, Coimbatore, India

narmada.c.j@gmail.com¹, sangithaprakash@gmail.com², apiekshav@gmail.com³,
deepakkaruppusamy2000@gmail.com⁴, gk13407112@gmail.com⁵

Abstract

The proposed framework applies to all Police stations the nation over and explicitly investigates the subject of Crime Records Management. It is surely known that Crime Prevention, Detection and Conviction of crooks rely upon a profoundly responsive spine of Information Management. The proficiency of the police work and the adequacy with which it handles wrongdoing rely upon what nature of data it can get from its current records and how quick it can approach it. It is proposed to incorporate Information Management in Crime for the reasons for quick and productive sharing of basic data across all Police Stations across the region. At first, the framework will be executed across Cities and Towns and later on, be interlinked with the goal that a Police criminal investigator can get to data across all records in the state accordingly helping quick and effective finish to cases. The System would likewise be utilized to produce data for favorable to dynamic and preventive measures for battling wrongdoing. The venture has been intended to have the perspective on disseminated engineering, with concentrated capacity of the data set. The application for the capacity of the information has been arranged. Utilizing the develops of SQL worker and all the UIs have been planned utilizing the DOT Net technologies. The norms of security and information defensive component have been given a major decision for legitimate use. The application deals with various modules and their related reports, which are created according to the relevant methodologies and norms that are put sent by the regulatory staff.

Keywords: Crime Records Management System, Crime Prevention, Detection, SQL server

1. Introduction

We see that when a gathering or society is framed at that point a few guidelines and laws are made by individuals, for individuals and to individuals. The motivation behind these guidelines and laws are to give an agreeable everyday routine to all who are experiencing in that society. At whatever point any law is disregarded by anyone then we say that wrongdoing is perpetrated and who violate that

law is called Criminal and to understand that individual his/her slip-up, there is additionally a rules of discipline. A few times these violations are submitted by same/various individuals in same/diverse way over and over. So we need to deal with a record of such kind of individuals so when any extraordinary sort of wrongdoing is perpetrated then that criminal can undoubtedly followed out and rebuff them so they don't do that wrongdoing in future. The fundamental

substance of this Framework is FIR. Any casualty can hold up a solicitation for FIR through Web from any spot. It isn't essential that it ought to be held up at same spot where the wrongdoing happened. As solicitation stopped, it will consequently come to the worker of the closest Police headquarters from the spot of wrongdoing happened with the assistance of data given in the Solicitation Structure. At the worker side this solicitation will be changed over into a FIR and the case will surrender to the Examination Official of that Police headquarters. [1-5]. The IO will examine the case based on data given in FIR, capture the suspect or criminal, gather the confirmations, ask individuals on the spot and look after his/her case journal, give his/her report on that case to Officer and case will be move to COURT where a ultimate choice will taken out on that case and if suspect is demonstrated Crook, the court will rebuff him/her. Based on court choice the data records, for example, wrongdoing record, criminal record are kept up.[6-10].

2.Objective

The goal of this framework can extensively be recorded as follows:

1. To keep record of the crooks
2. To record improvement and decrease the principles and guideline exercises of the Country.
- 3.To keep record of crooks subtleties for future examination
- 4.To keep record of criminal's wrongdoing exercises
5. Diminish manual and excess records keeping
6. Encourage cooperation and sharing of data among police offices, locale, state/base camp and other police organizations
7. Building security and checking control to guarantee just approved individual approach the criminal data.

3. Feasibility study

An attainability study is a starter study endeavoured to choose and record an assignment's reasonableness. The term reachability study is similarly used to suggest the resulting record. These delayed consequences of this assessment are used to make a decision whether to proceed with the endeavor, or table it. In case it for sure prompts

an endeavor being supported, it will - before the certifiable work of the proposed project starts - be used to find the likelihood of the endeavor's flourishing. It is an assessment of possible elective responses for an issue and an idea on the best other choice. It, for example, can pick whether a solicitation dealing with be finished by another system more viably than the previous one. A feasibility study could be used to test a suggestion for new system, which could be used considering the way that The current structure may now don't pass on inspiration, Technological movement may have conveyed the current casing exercise of date, The business is developing, allowing it to adjust to extra duty Customers are grumbling about the speed and nature of work the business gives, Competitors are by and by winning a huge enough slice of the pie due to a practical compromise of a robotized framework.

4. Proposed System

The framework after cautious investigation has been distinguished to be given the accompanying modules: Police headquarters enrolment module: This module keeps up the data pretty much all the police headquarters that are enlisted according to the ward of the framework. It additionally gets incorporated with the representatives who are working in these stations alongside their assignment. Examining proof enrolment module: This module makes an assortment of data identified with every one of the confirmations that become completely significant under the ordinary arrangement of the examination; this module powerfully focuses upon the progressions that happen while the arrangement of examination is under measure.

5. Application

1. Moment access.
2. Improved effectiveness.
3. Ideal utilization of resources.
4. Effective the leading group of records.
5. Rearrangements of the exercises.
6. Less taking care of time and getting required information.
7. Client pleasing.

Conclusion

The Crime Records Managing System is an electronic application for basically giving preparing to the workers who give altered

answers for address hierarchical issues.

This application programming has been registered effectively and was additionally tried effectively by taking "experiments". It is easy to use, and has required choices, which can be used by the client to play out the ideal tasks.

References

- [1].J. Agarwal, R. Nagpal, and R. Sehgal, —Crime analysis using k-meansclustering, International Journal of Computer Applications, Vol. 83 – No4, December 2013.
- [2].J. Han, and M. Kamber, —Data mining: concepts and techniques, Jim Gray, Series Editor Morgan Kaufmann Publishers, August 2000.
- [3].P. Berkhin, —Survey of clustering data mining techniques, In: Accrue Software, 2003.
- [4].W. Li, —Modified k-means clustering algorithm, IEEE Congress on Image and Signal Processing, pp. 616- 621, 2006.
- [5].D.T Pham, S. Otri, A. Afifty, M. Mahmuddin, and H. AlJabbouli, Data clustering using the Bees algorithm, proceedings of 40th CRIP International Manufacturing Systems Seminar, 2006.
- [6].J. Han, and M. Kamber, —Data mining: concepts and techniques, 2nd Edition, Morgan Kaufmann Publisher, 2001.
- [7].Kyobe, M.E; Molai, P; Salie, T. (2009). Investigating electronic record management and compliance with regulatory requirements in south african universities. peer reviewed article, 1-2.
- [8].Mubaraka, C., Jirgi, I. M., &Nanyanci, . P. L. (2013). Integrating ICT in Traffic Police Department in Uganda;Design and development of traffic case management system. Innovative systems design and engineering, 1-11.
- [9].Govardhan, N. M. (September 2010). A Comparison Between Five Models of Software Engineering. IJCSI International Journal of Computer Science Issues, Vol. 7, Issue 5.
- [10].Falaye, A., Adama, N., &Agemerien, F. (2013, November). Design And Implementation Of Crime Investigation System Using Biometric Approach(Nigeria Police Force). The pacific journal of science and technology.