Crime Analysing and Management System for Sri Lankan Police

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The prediction of grave crimes shows that security agencies and police departments must bear a high burden of criminals in larger numbers than in the past, because of the increasing number of crimes and criminals in Sri Lanka. The continuous trend of crime management was very tedious and a manual crime recording and investigating system has resulted in inefficient crime analysis. Therefore, the analysis of crime data has become a huge burden for crime officers and investigators who handle records and investigations. This study presents an efficient method to analyze and manage crime records collected from the web-users, historical records, websites and news sites. Using the concept of data mining we can extract previously unknown, useful information from unstructured data. This provides a clear approach among computer science and criminal justice to develop a procedure of data mining that can help to solve crimes faster. Crime Analysis and Management System (CAMS) will provide better prospective for the enhancement of security agencies with regard to quality and transparency. Finally, this study would be of interest to not only to those working on related systems but also to those with a general interest in how advanced software technologies can be applied to national security agencies for challenging application areas.

Keywords: Grave Crimes, Generate Reports, Data Mining, Crime Analysis