Synopsis

-Criminal Record Management System-

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December 12, 2018

❖ Abstract

It is an era of computerization and data security. To combat with increasing rate of crimes and criminals this system is introduced. This a RMI based application that provides the managing the data and various information about the criminals and their crimes. Not only this but also provides the information and current status about the Criminals. It stores the GD, FIR, no of cases, the current status and each and every details of the criminal and their family members as well as the suspects related to crimes of any particular area. This system also provides a search facility to know about if there any criminal record about any people. The future scope of the project is to adding fingerprint recognition, face detection technologies.

❖ Introduction

The modern days crimes are increasing day by day. To combact crimes and provide saftty to citizens, The Criminal Investigation Department(CID), The Police Department plays a vital role It always is a vital responsibility arresting any criminal who is a threat for the safety of society. After registering the FIR from any citizen,police start investigating them. After getting all the proofs agaist the crimials, it is the duty of the police to present all proofs honestly to the court so that right man can get right punishment. Along with the low salary scale, facilities of modern technology such as computerized system of keeping records are not provided to police department which causes low efficeinty. As it is the age of computers and all the organizations today use computers to maintain their records, so this facility shoud be gien to police department, State Intelligence Service, Army Navy Airforce Intelligence , Courts as well as Sri Lankan government. The main concerning people in the whole process are Prtitioner(The person who files the FIR), Victims, Accused/Criminal, Investigation Officer.

❖ Problem Statement

The following are some of the problems of the manual system the Police department face today.

- Maintaining the criminal records are very difficult.
- Tracking suspect is difficult.
- Informations abouts criminals and suspects are not properly maintained.
- Communications problems within external departments.
- No backup data of the criminal.
- Take a long time to get a records. Fast report generation not possible.
- Problems with evidence and information gathering.

❖ Objective

- Proposed system is user friendly in the various activities such as record updating, maintenance and searching.
- Separate database is maintained to handle all the details required for the correct statement calculation and generation.
- The searching of record has been made quite simple.
- Details are also being automatically updated in the master files thus keeping record absolutely up-to-date.
- Only authorized user can retrieve the necessary information because to access the information, we need the administrator name and password.

❖ Hardware Requirements

- CPU: 3.00 GHZ single core processor/2.00 GHZ dual core processor
- Hosting Services for Server Hosting with Minimus 512MB of Disk and 25 of RAM
- Recommended 2GB of RAM.
- Browsers: Google Chrome, Mozilla FireFox
- Network Card
- Internet Connection
- Operating System : Windows 10, Ubuntu 16.04