International Journal of Modern Trends in Engineering and Research
www.ijmter.com
e-ISSN No.:2349-9745, Date: 2-4 July, 2015

E-Crime Alert

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Abstract—-E-crime alert concept is used to detect and live tag person in remote CCTV cameras footage recording on server monitor and get the exact location where this suspicious person is identified. Our Main aim is to detect this person form any remote CCTV cameras and MOBILE camera as soon as our software discover this person. Software will working by itself and sends sms alert to the nearby area station and to the main concern person of that area and also where the main details are registered by the police station. The main objective of this software is to recognize and locate missing persons, child's and most wanted criminals anywhere any time any place. Maintaining all records of criminals, missing persons and child's on centralized database will be easier with image. Updating or deleting of records can be done easily. Investigation can be done as per the requirements will be easier as centralized database will be located. Retrieval of data would be easier as the server maintains all the information needed. Less time would be required for to maintain, update and delete records. Only authorized user of the system having valid user id and password can access the system and can recognize the records. Anyone can ON their mobile camera and identify any suspicious person around them easily. This software will help police to find and locate the missing persons, child's and most wanted criminals and terrorist remotely easily and quickly at anywhere at any time and at any place.

Keywords-login; Fir; Registration; Suspected; Detection.

I. INTRODUCTION

Ability to understand the problem in the live system & finding requested solution is having high rank activity while planning the project. Hence the developing a new system we must find out problem associated with the current system. The police have to record missing person/child details as well as citizen details and most wanted criminal person's details. It is difficult to maintain such data manually as large amount crime happens daily and maintaining of daily data grows rapidly. It is difficult for police to remember the face of the suspicious person regularly in mind and to find them in common place where lots of rush are there. After filling the details they may have to be deleted or updated as per the requirements and changes was difficult. Police has to put their informers to get the unknown person details and to watch them closely which was hectic. Searching Problems: Searching is very difficult as the large amount of data is present. Finding and identifying the missing person or criminal person has to do it manually. The retrieval of records of crime from huge files is very time consuming, as the user has to search each and every record even for a single data from files. Citizen need to go to police station to register their complaints.

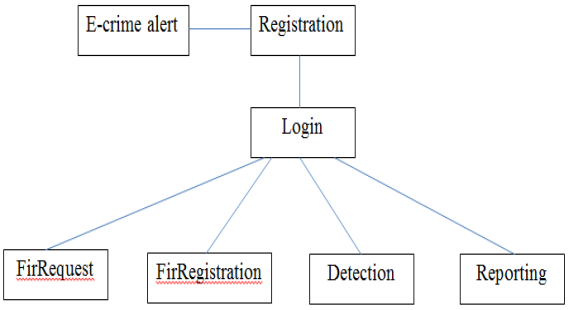


Figure 1. Object Diagram

II. EASE OF USE

A. Operational Environment

The purpose of software would be, helpful to maintain all criminals records data and retrieve data online as per the requirements and will be used to identify and locate missing persons, child's and most wanted criminals by identified CCTV cameras and by any mobile cameras current location at anywhere at any time at any place Online Quickly and inform the nearby police station and parents about their location by SMS.

B. Technical Feasibility

To deploy the application, the only technical aspects needed are mentioned below:

1) Works on windows Operating Environment.
2) Host on Visual studio 2010
3) Database SQL SERVER 2008.

For Users

1) Internet Browser like Google Chrome, Mozilla Firefox.
2) Internet Connection

C. Economic Feasibility

The project is practically feasible as the only cost involved is having a computer with the low requirements mentioned earlier. For the users to access the application, the only cost involved will be in getting access to the Internet.

D. Proposed System

Proposed system is used .NET Technology. The proposed system will be developed in Visual Studio 2012 and SQL Server 2008 will be used in backend. This new system will allow security to the data; by mean of authorizing users. Only those users who have a valid user-id and password can access the system.Thus those people who do not have the access rights cannot use the system and thus the data

can be secured by means of not authorized access. This system will having the three separate modules that differs to that all functionality and flow of the system are to be done.

1) **User**
   a) Register in the system
   b) Changing password
   c) Request for register FIR
   d) Get suspected details
   e) Get alert message (suspected location)
   f) Logout
2) **Admin**
   a) Register in the system
   b) Changing password
   c) Register FIR
   d) Approved user FIR
   e) Get suspected details
   f) Get alert message (suspected location)
   g) Logout
3) **Detection system**
   a) Capture DVR(camera footage) is compared with suspected details.
   b) Generate alert message
   c) Send alert message with suspected location to the nearest police station and user with FIR details.

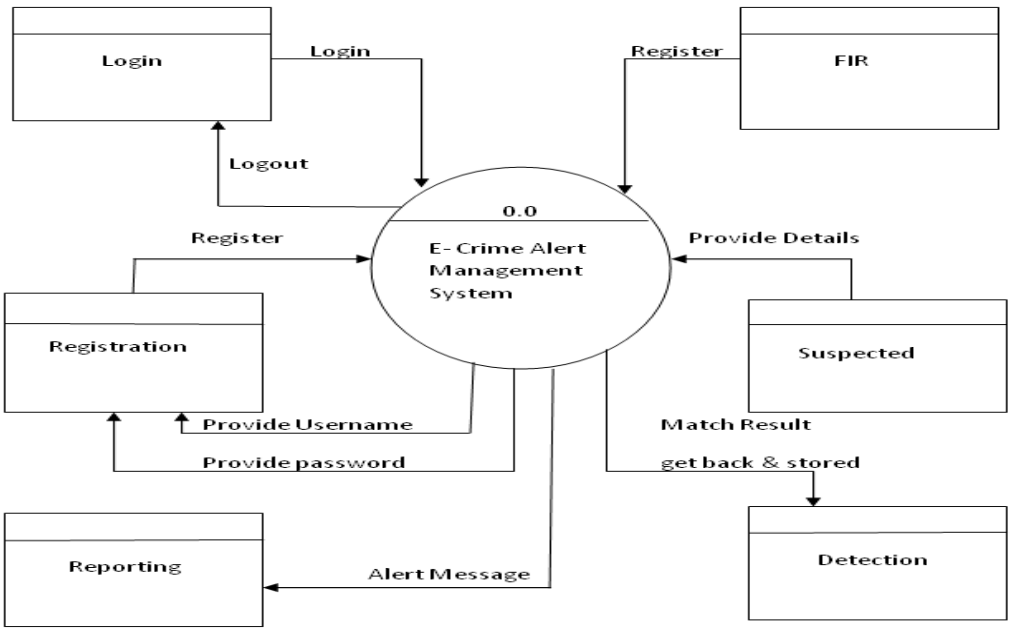
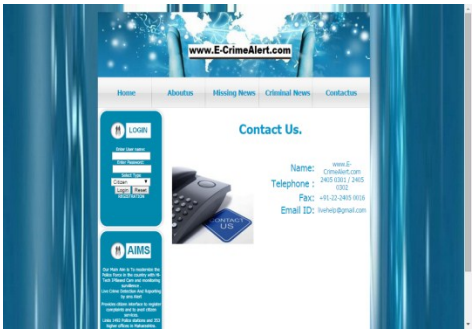
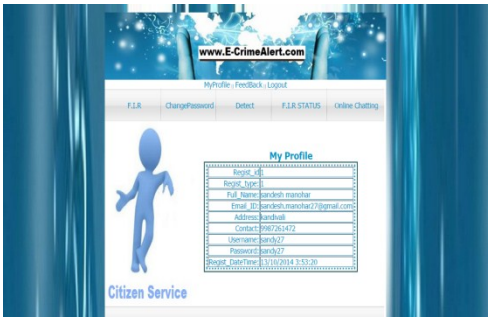


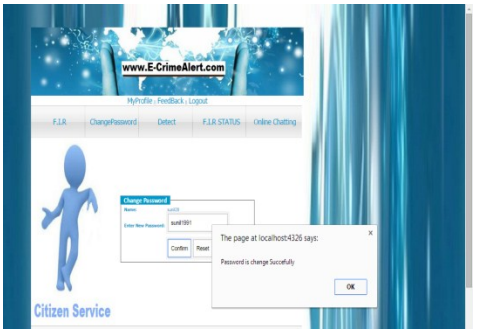
Figure 2. Data Flow Diagram

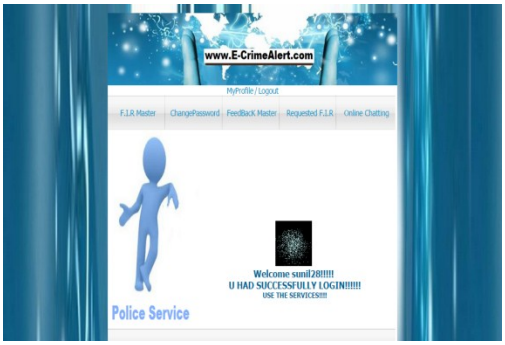
III. RESULTS

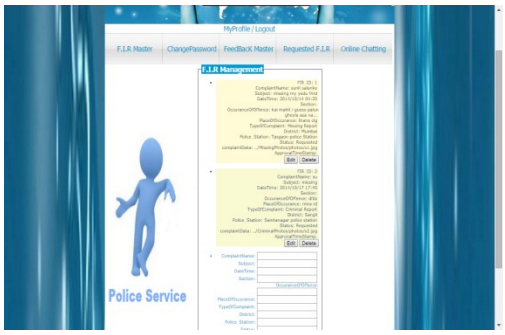
One can create a profile as follows:











IV. CONCLUSION

This software would be helpful to support all criminals records data and retrieve data online as per the requirements and will be used to identify and locate missing persons, child's and most wanted criminals by identified CCTV cameras and by any mobile cameras current location at anywhere at any time at any place Online Quickly and inform the nearby police station and parents about their location by SMS.

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