# A STUDY ON CRIME INFORMATION ANALTICS

Dr.C.K.Gomathy, Assistant Professor,

Department of Computer Science and Engineering , SCSVMV University, Tamilnadu, India.

*ABSTRACT*

This paper deals with the information in an international crime department. Even though it is a simple idea is to computerize the knowledge of crime department. It fixes particular number to each prisoner according to the section in judiciary system and includes images for that prisoner and identification marks. It also deals with the time duration of convict's imprisonment and name of the jail. This paper deals with the updates provided by the security agencies regarding criminals so that proactive measurements can be taken. This includes various categories of security agencies in a particular crime branch and their personal info. It has good benefit such that only authorized users can make use of this technology.

*Keywords***:** Information Records, crime, electronic mail crimes, FIR- first information report.

## 1. INTRODUCTION

A systematic design for building a Solution for CRIME DEPARTMENT and This                         paper implements a complete crime info system and proposes a systemic framework for  crime info security view processing& updating extracting interrelationships between criminals and crime department. This paper is to develop an online comprehensive crime reporting system and to provide regarding criminals and ensure the crime department to be more quick, proactive and responsive to fight with criminals.

## II. EXISTING STATUS

Existing system is unable to provide updates to the security agencies so that they can take proactive measurements. When contacting the crime unit they do not investigate Internet related crimes such that unless they fall into internet fraud, credit card abuse. The existing drawbacks are: Existing system is not providing sophisticated facilities for profile managements of cyber criminals and security agencies. Existing system is not providing facilities of secure registration for security agencies and authentications. Existing system is not providing facility of updates regarding criminals to take proactive measurements by that department

## III. PROPOSED SYSTEM

The development of this new system contains the following activities, which try         to automate the entire process keeping in the view of database integration approach. Proposed system is providing facilities for secure profile management facilities for criminals and security agencies. Proposed system is providing Facilitate information about internet related crimes. Proposed system is  providing facilities for searching capabilities like crime and criminal search – region, crime-type, gender, age group wise etc.

*Advantages of Proposed System*

- The proposed system provide satisfaction to the use
- It is not complex because it can be understood easily by end users.
- It provides Signature verification to prevent unauthorized access
- password encryption is yet an additional security feature for the proposed system

## IV.MODULES AND ITS DESCRIPTIONS

The system components, their input and output, their operation, and the innovative aspects they introduce follow.

### *Number of Modules*:

The system after careful analysis has been identified to be presented with the following modules:

1. Admin Module

2. criminal Module

3. Security agencies
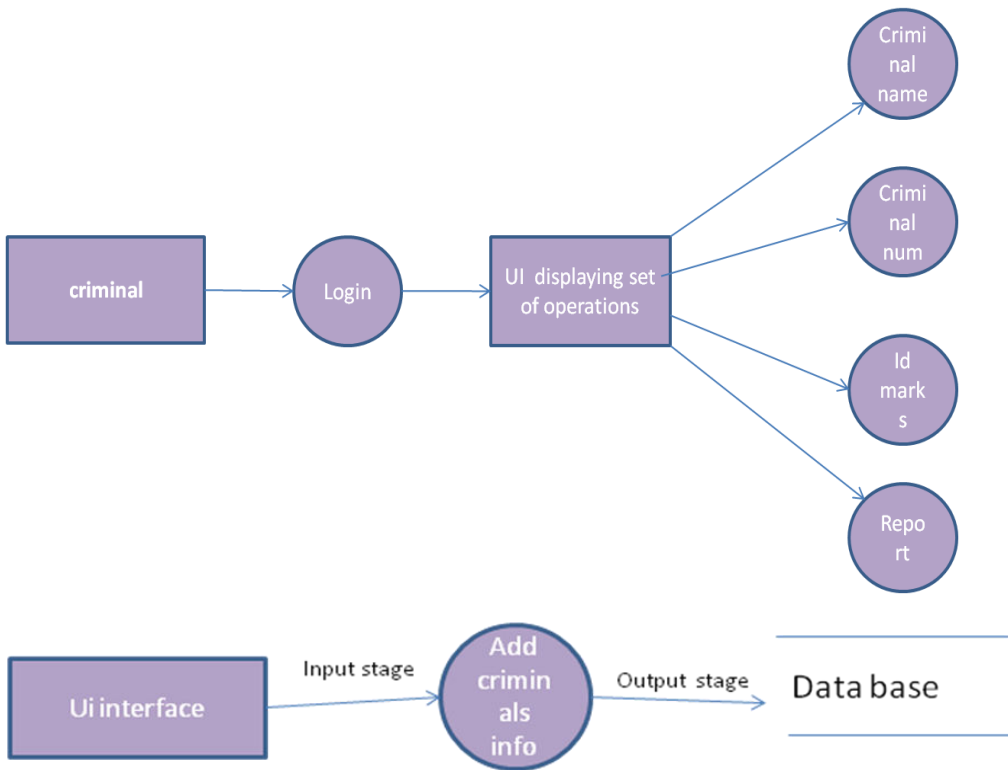
4. Update module

5. Cyber module

### Admin Module:

- Admin has to select one country capital city and can view all the information provided in that city.
- Admin can access the detective and security agencies requests.
- Admin can view all types of criminal's information including cyber criminals.
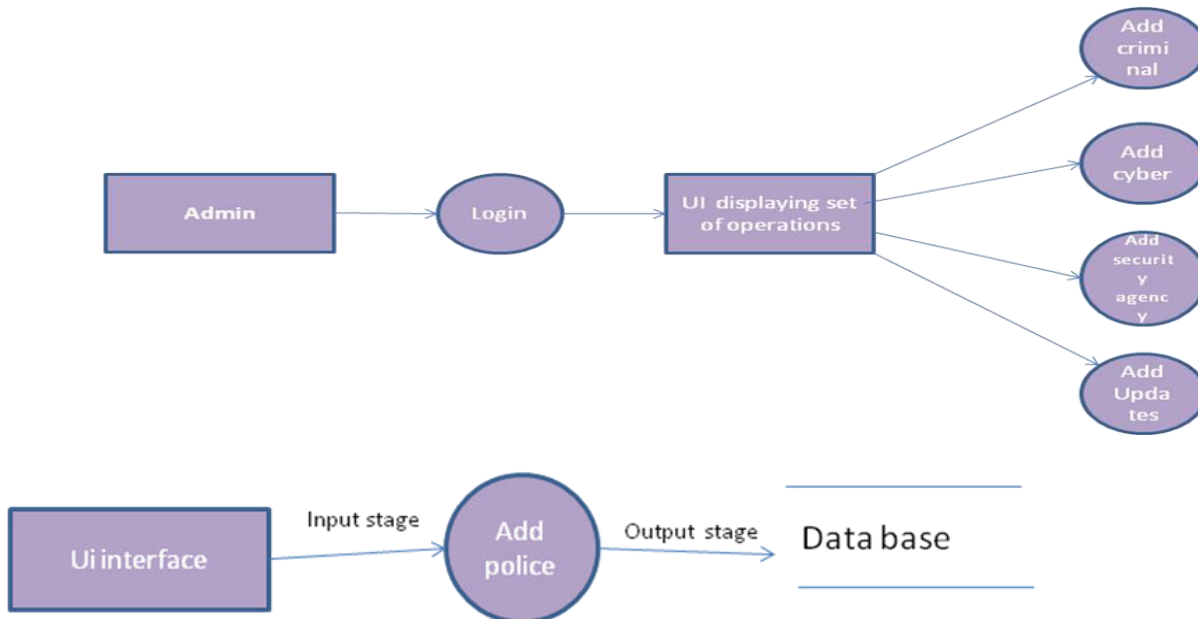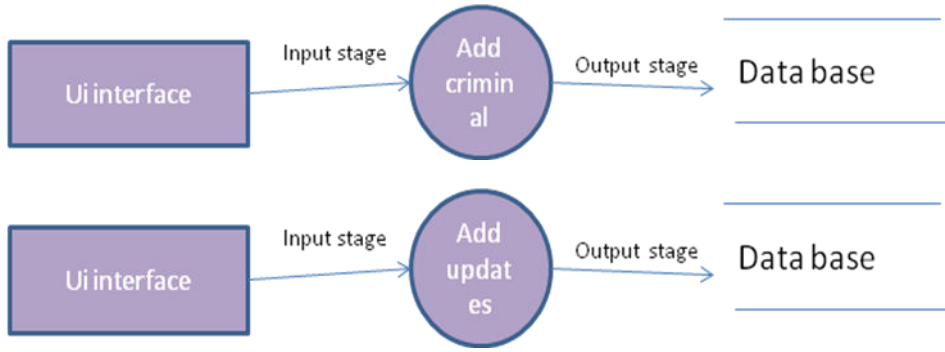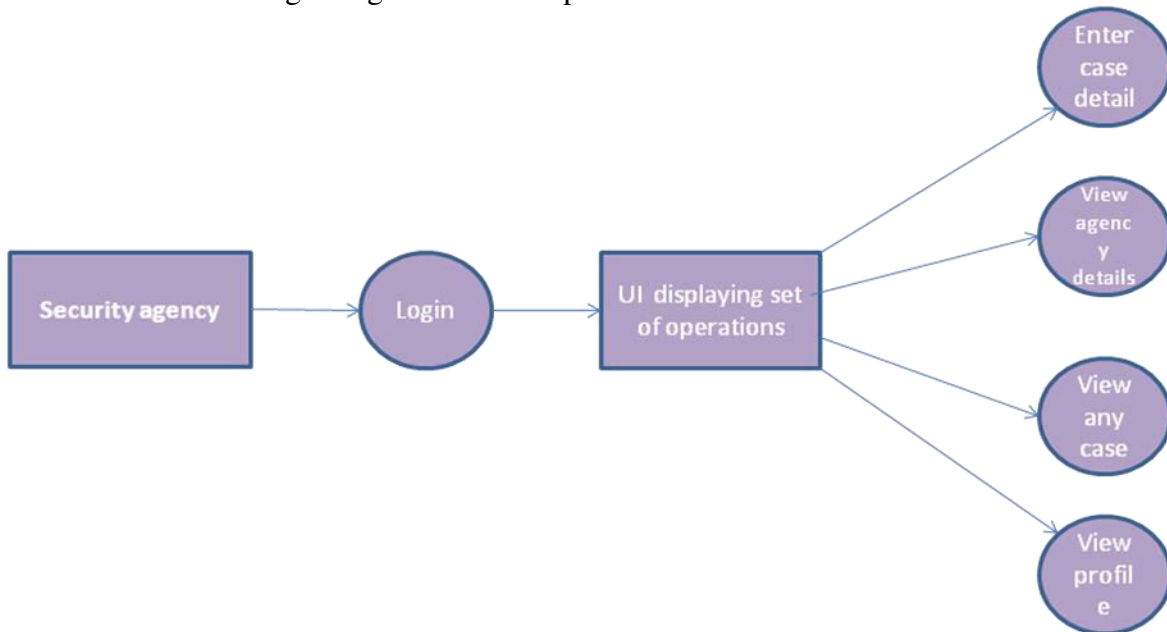
**Criminal Module:**

- Security agencies can have all the information regarding criminals including their personal information.

- Criminal database has been developed in such a way that there includes images and name of the jail which he was imprisoned.

- Status of the criminals is provided such that if he escapes or hanged to death will be known to everyone.

## Security Agencies:

- Detective can start the some discussion forums and post some information to others.
- All the information regarding Detectives is provided in this module.

**Update Module:**

- An update module is provided in favor of all types of criminals.

- This module will have a status of the criminals such that all the security agencies in the network can become active.
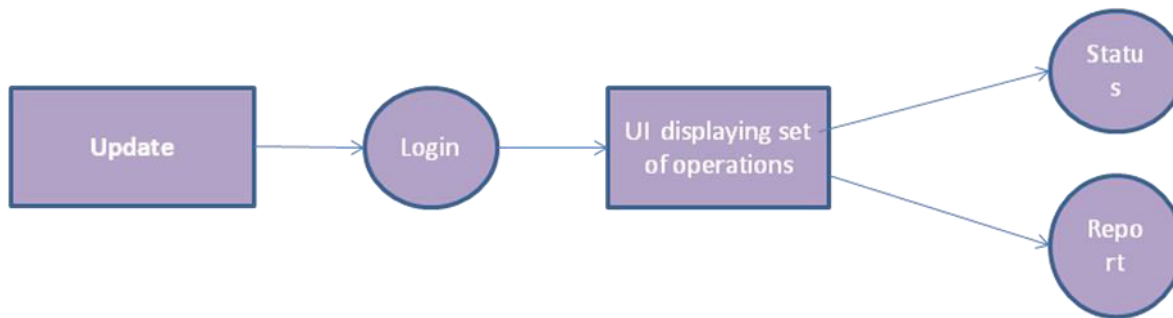


**Cyber module:**

- This module is same as that of criminal module but it deals with cyber criminals.

- This will have all the details about cyber criminals if they are caught by any network on web.

- A list hacked details will be given which are hacked by any criminal.
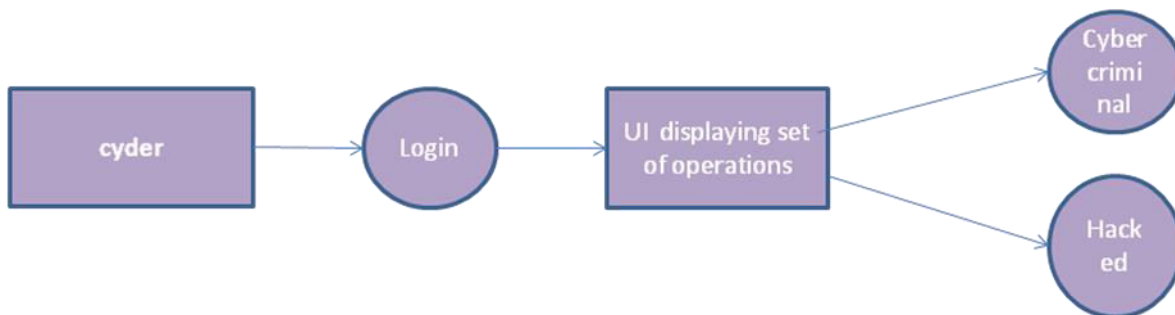


**V. SYSTEM DEVELOPMENT**

The top-level diagram is often called a "*context diagram*". It contains a single process, but it plays a very important role in studying the current system. The context diagram defines the system that will be studied in the sense that it determines the boundaries. Anything that is not inside the process identified in the context diagram will not be part of the system study. It represents the entire software element as a single bubble with input and output data indicated by incoming and outgoing arrows respectively.
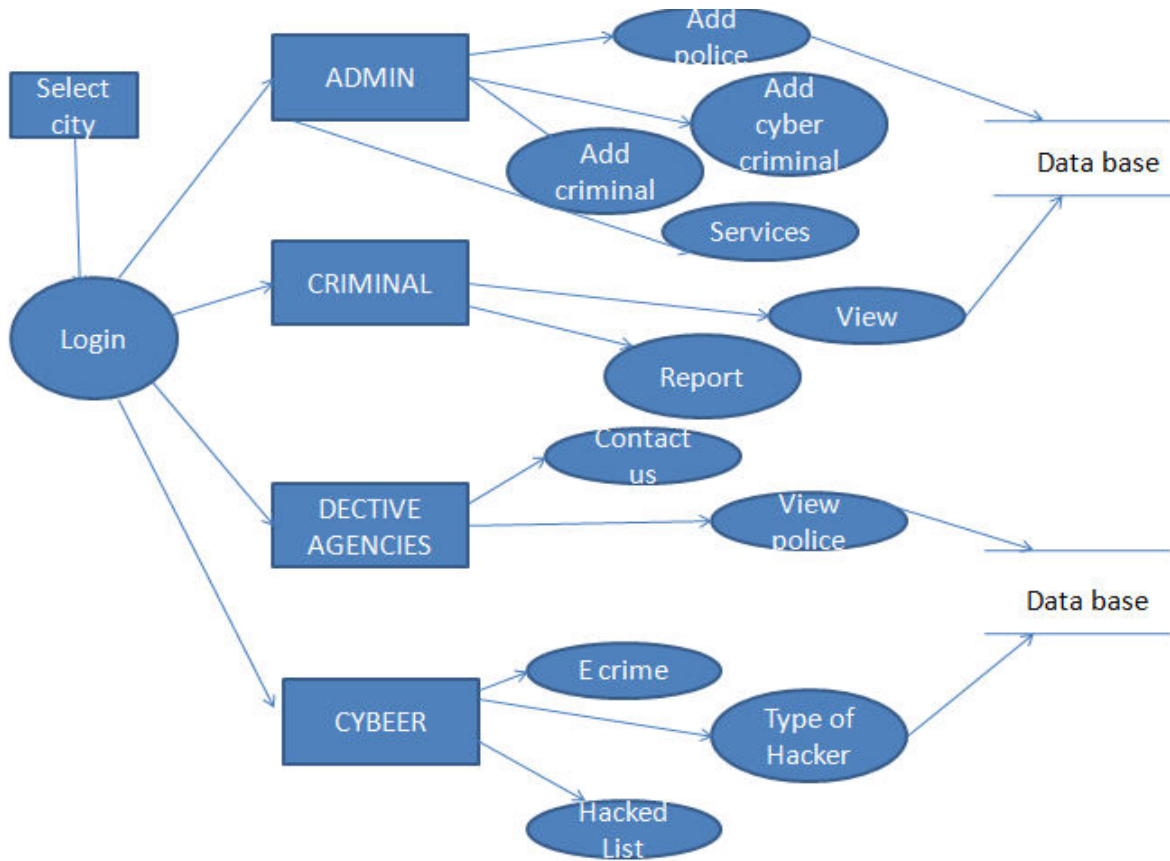
## VI.WORKING PROCEDURES

In this paper, the administrator is privileged with add criminal, add security agent, services, viewing all the above details in a sophisticated manner.



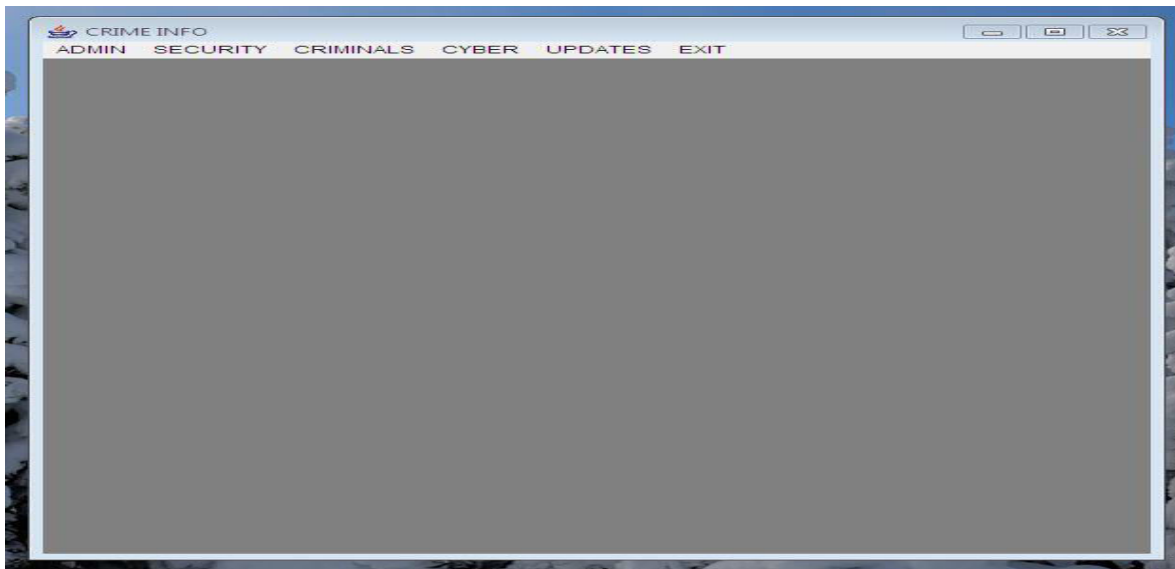Figure 1 : City selection
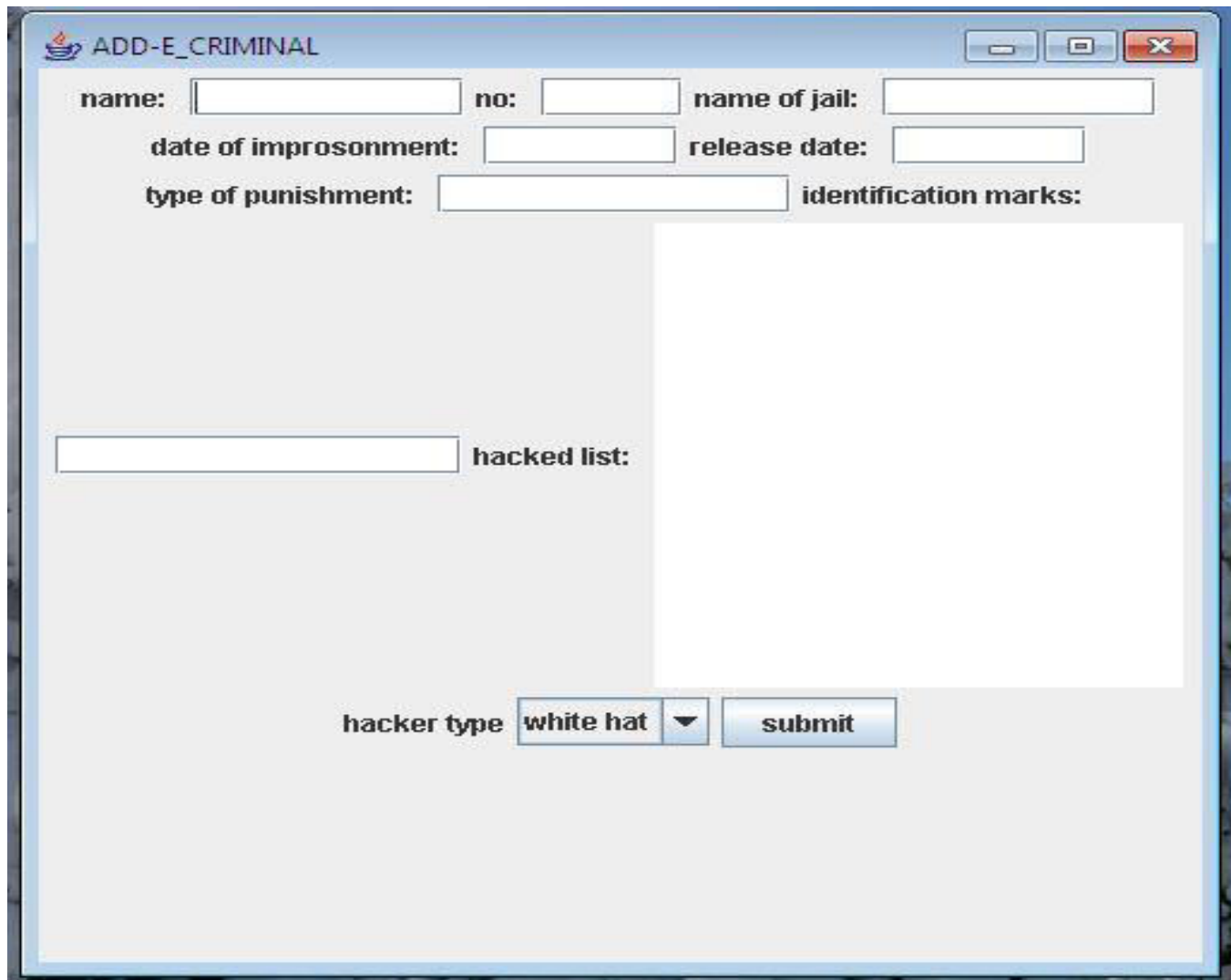
Figure 2: Authentication page



Figure 3: Main window showing all the modules

Figure 4.admin module showing how to add cyber criminal
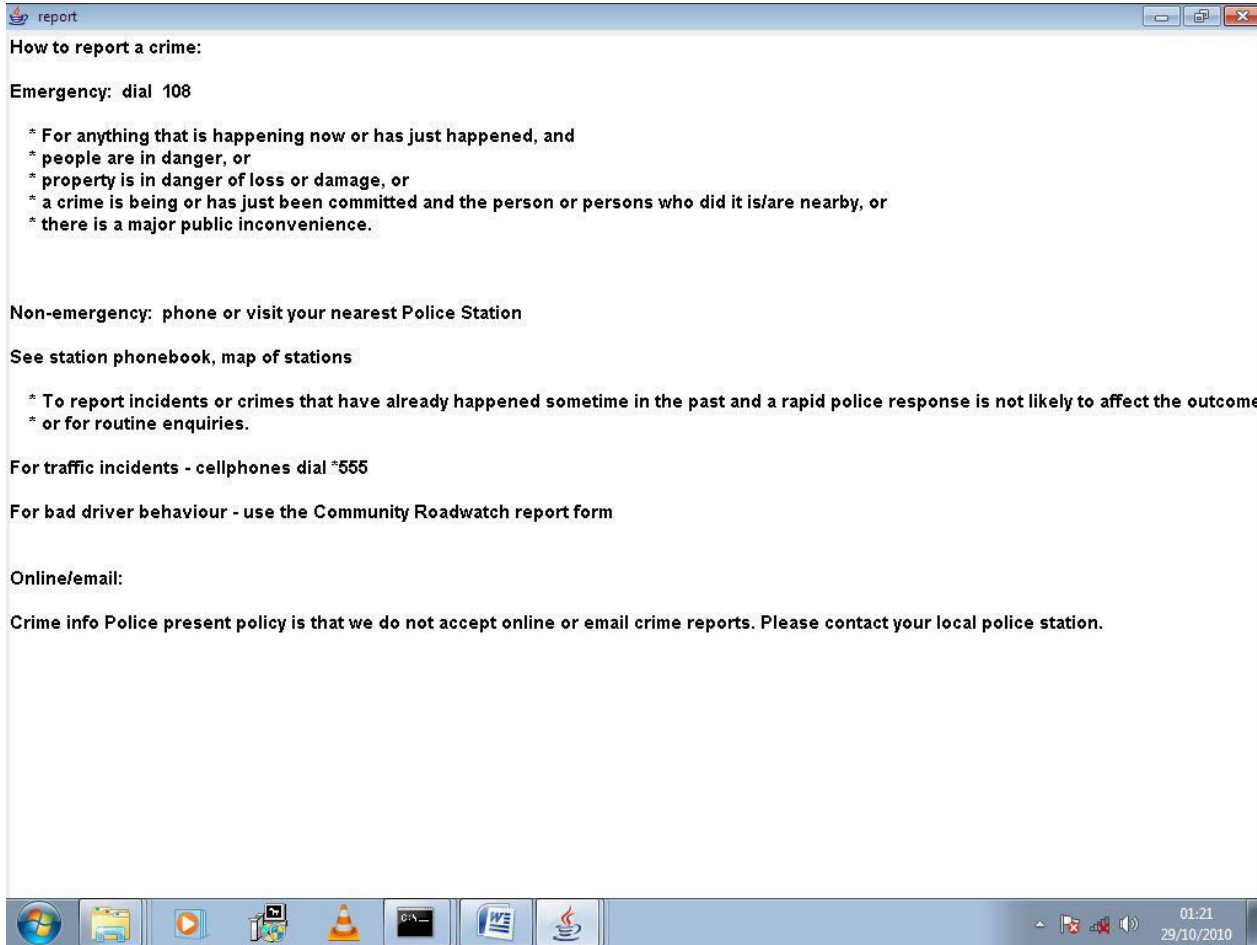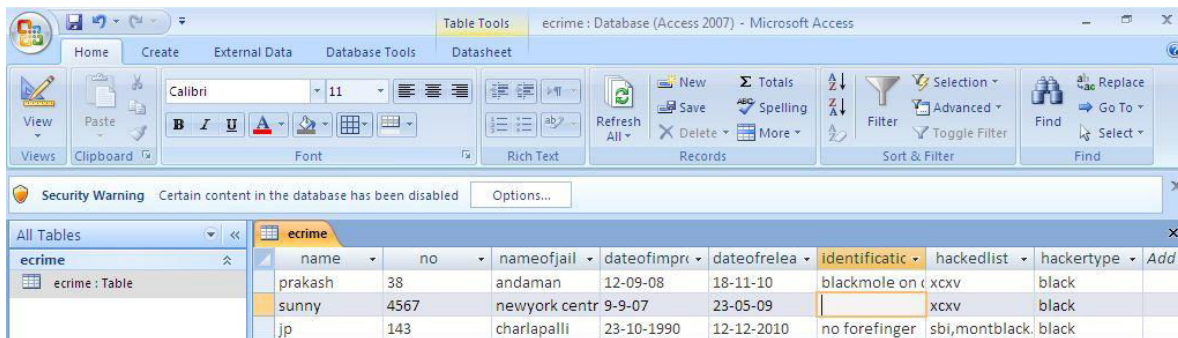
Figure 5: Reporting crime



Figure 6: Database showing list of criminals

## VII. CONCLUSION

The Information security is generally defined as the protection of information systems against unauthorized access to or revision of information, whether in storehouse, processing or conveyance, and against the denial of service to authorized druggies of the provision of service to unauthorized druggies, including those measures necessary to descry, document, and counter similar pitfalls." Numerous questions regarding security are related to the software life cycle itself. In particular, the security of law and software processes must be considered during the design and development phase. In addition, security must be saved during operation and conservation to insure the integrity of a piece of software. Security requires more managing and mollifying threat than it does technology. When developing software one must first determine the pitfalls of a particular operation. For illustration, moment's typical web point may be subject to a variety of pitfalls, ranging from canalization, to distributed denial of service (DDoS, described in detail latterly) attacks, to deals with the wrong party. Once the pitfalls are linked, relating applicable security measures becomes compliant. In particular, when defining conditions, it's important to consider how the operation will be used, who'll be using the operation, etc. With that knowledge, one can decide whether or not to support complex features like auditing, account, no repudiation, etc.

## VIII. REFERENCES

1. Dr.C K Gomathy, Article: Supply chain-Impact of importance and Technology in Software Release Management, International Journal of Scientific Research in Computer Science Engineering and Information Technology ( IJSRCSEIT ) Volume 3 | Issue 6 | ISSN : 2456-3307, P.No:1-4, July-2018

2. Dr.C K Gomathy, Article: An Effective Innovation Technology In Enhancing Teaching And Learning Of Knowledge Using Ict Methods, International Journal Of Contemporary Research In Computer Science And Technology (Ijcrcst) E-Issn: 2395-5325 Volume3, Issue 4,P.No-10-13, April '2017

3. Dr.C K Gomathy, Article: A Web Based Platform Comparison by an Exploratory Experiment Searching For Emergent Platform Properties, IAETSD Journal For Advanced Research In Applied Sciences, Volume 5, Issue 3, P.No-213-220, ISSN NO: 2394-8442,Mar/2018

4.C.K.Gomathy.(2010),"Cloud Computing: Business Management for Effective Service Oriented Architecture" International Journal of Power Control Signal and Computation (IJPCSC), Volume 1, Issue IV, Oct - Dec 2010, P.No:22-27, ISSN: 0976-268X

5. Dr.C K Gomathy, Article A STUDY ON THE RECENT ADVANCEMENTS IN ONLINE SURVEYING, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 5, Issue 11,Nov 2018, ISSN-2349-5162.