**Project Information:**

Project Name : Crime Alert

Server : Offline: Wamp, Online: Bluehost or others.

Language : PHP 5.3.0, MYSQL, JQuery, Html5, CSS3, JavaScript, Html. CSS.

Framework : Yii-framework

**Project Objective:**

The objective of the project is to develop a Web Based Software System which will help us to figure out the crime spots situated anywhere in the country. This system is mainly targeted for our Police department, RAB, CID and DB police department. The system will help them to response very fast to a crime happening or will happen. They will also be able to get evidences of the crimes in a much secured manner.

**Problem diagnosis:**

In today’s world, crime is at its most alarming state in our country. It does not matter whether the crime is big or small, it always takes place silently or even in the open public place. No one dares to complain about the criminals as they need to go to the police station personally and complain. This fear is so much that ordinary people does not even complain for small crimes such as stealing, teasing or even a planning of stealing or robbery. The government forces such as Police, RAB, CID and DB police etc. in most cases, they do not get crime information to response on it. The general people also lost many of their important properties, even one of their own family members. In most cases, as general people are unaware of the lost properties of others, they cannot identify those lost properties even if the property is in front of them. On the other hand, women’s of our country are the most deprived class of people. In most cases, wives are killed in our country for dowry and many other reasons. In 2013, a report states that 4,470 women were victims of dowry-related violence over a 10 month period. Women’s do not have any opportunity to go to the police and inform about their sufferings. As a result, they suffer until their death. Most arrested criminals get bailed for the lack of proper evidences against them. Police and other defense forces remain helpless in most cases.

**Proposed Solutions:**

* Highly secured web based software will be monitoring each and every crime occurring in the country. With the help of this online based software system, no one will need to go to the police station and complain personally.
* Citizens will use this software by using a laptop, desktop, tab or even a mobile to inform about a crime. Through a simple complain form anyone can save some one’s life.
* The government defense forces will collect information about both crimes and criminals.
* They will identify the victim citizens of our country through this software and take proper steps to help them.
* General Citizens of our country will be able to help other citizens by informing the police, RAB etc. about their sufferings.
* The rate of collected information about crimes and criminals will help us evaluate the success of our objectives.

**Beneficiaries:**

* Each and every citizen of our country will be able to complain about their daily sufferings to the Police, RAB, CID and DB Police.
* The above mentioned government forces will get information about all kinds of crimes and evidences about the criminals which will help them in future investigation of the crime.
* Women’s of our country will be able to complain about their sufferings very easily. They will be able to reach high government officers dedicated in public services without meeting them personally or even going out of their house.
* The general users of this software will be able to maintain their own accounts to give notices about their lost properties, get notification about rewarded criminals and also information about lost properties of others.
* With proper use of this software, the government of our country will be able to reduce the rate of crime around the whole country.

**Project Features:**

1. Separate Complain management system for Police, RAB, CID and DB Police.
2. Responsive software for all kinds of devices - Desktop, laptop, Tab, mobile etc.
3. Automated Alarm System for urgent and emergency situations.
4. Geographical location tracking and hardware information collection of the devices used for sending complains. (Helpful for Complain Verification)
5. Max 30 seconds complain issuing facility.
6. Informer identity will be fully hidden and protected from public.
7. Complains can be send with and without internet.
8. Complain system for past, future, present crimes (Happening or will happen in a while).
9. Automatic complain forwarding system to next nearest police station in 5 minutes delay (Continuous process until any response from any control room).
10. Manually complain forwarding facility to any station in exceptional cases.
11. SMS alert for the Police and RAB officers according to complain types.
12. Reward based criminal identification system.
13. Criminal Record view system.
14. Notice publication system for new wanted criminals through central server.
15. Searching system for both Crime and criminals with advanced filtering options.
16. User based notice board facility for lost properties.
17. Evidence submission facility for all citizens. (Video, audio, doc file etc.)
18. Printing option for any important information.
19. SMS alert for all users to inform about lost properties of others.
20. Master Admin facility to monitor the activities of normal administrators.
21. Embedded layers of security system to prevent misuse of the software with centrally lockdown facility.

**Project Requirements:**

1. An online server for centrally controlling the software.
2. A tab and a mobile phone to test compatibility of the software in different operating systems and SMS supports.
3. A mini 2:1 speaker for alarm system designing.
4. Third party SMS package provider.
5. API support from a reputed SIM card provider such as GrameenPhone, Airtel, Banglalink etc. for exact geographical location tracking of the mobile devices.
6. A team of three web developers including a supervisor for developing the software.
7. The team will include a Software developer, a designer and a supervisor who will be a teacher of our university.
8. An approximate time of 1 year will be required to develop this software.
9. Demo testing of the software in a particular police station will be required for best evolution.
10. Collection of data about Police, RAB, CID and DB police departments and criminal records of criminals.

**Conclusion:**

The rate of crime is increasing at a very high speed in our country. Government all alone cannot fight against crime. The conscious citizens also have some duties to the country. To help the government fight against crime, this software can be a key weapon for the citizens of our country and it can make our life much secured.