

Safety Meter - An Ultimate Crime Management System

Problem Statement

In this age of Internet of things, public safety and crime management has got special attention. Today nearly everyone carries smartphones and using concepts of Internet of things we can try and reduce crime in region, neighborhood or city. Because of Federal Law of Safety, literally everyone can carry a gun. This is one of the reasons for increasing crime incidents. The goal of the system is to continuously examine region based on criminal incidents and try to reduce them.

The system will have records of following things in database:

- Police Station
 - Patrolling schedule
 - Emergency Incident Protocol
 - Crime Records of People
- Hospital
- People
 - License for carrying firearms(if any)
 - Health Records
 - Financial Records
- Firearms Licensing Agency

The system studies past crime incidents of a region and based on that sets a patrolling schedule. While doing this it continuously monitors people database and their crime records and modifies patrolling schedule so that there would be less crime incidents. If number of people carrying firearms in the region increases then most probably an incident is about to happen so it is mandatory to increase patrolling in that area.

The system has access to Firearms Licensing Agency, using these records the system will notify people when the license is about to expire. The system will provide an user interface to renew/issue the license. Also this system notifies user of there some criminal activities in the region and what to do in that situation. A user can also report a crime or emergency situation.

The system will provide suggestions to Firearms Licensing Agency regarding behavior of person and its criminal record. Based on that the system will suggest a period for license.