TODS

Traffic Offenders Directory System

Tech Dojars Mobile Application Summary

It has been proven that responding to traffic accidents is a very complicated and tedious process. The system is grossly dependent on the human element, leaving the system prone to error. In St. Vincent, the traffic department's system is manually operated and the licensing registry is partially computerized. This means that the system established in SVG is not very efficient hence lot of time is wasted and as the saying goes, "time is money".

In the event of an incident, the traffic officers carry out their investigation using the manual system, using pen and paper. The scene is observed to ensure that there isn't any severe injury sustained. An interrogation is carried out on each individual to gather personal information as well as to take an account of the events leading up to the accident. Personal information includes the right class of drivers' license, the vehicles' license and also the insurance for the vehicle. The location of each vehicle and the path taken is measured. At the end of the investigation a notice on intending persecution is given to each parties involved. Furthermore, if they are not in possession their insurance, they are given five days to provide the information to the traffic department. Failure to do so results in the individual being charged. Contrary to the prior law, if drivers are asked to produce their licences and are unable to do so, they would be immediately charged. Individuals are reminded at the end of every month about license payment via the media or publications but not every listens to the media or read publications Therefore, they are not being notified.

To deal with these problems that the current system can be subjected to, we propose the integration of a mobile application and database called; the Traffic Offenders Directory System (TODS). This application would not only be available to the police force but also to the general public. However certain privileges or functions of the app would be restricted to the general public. The application would be able to allow the police officers, on a moment's notice, to check a person license, their vehicle's insurance information and criminal record with only the licences plate or the information on their license. The app will be link to a criminal database, where they can know if the individual have a criminal record or a pending traffic court case. With this app the traffic department would be able to issue traffic reports. For example, in the case of the national parade, they would

notify civilians about designated parking and road detours. Along with this, the app would be able to remind individuals when their license and or insurance are due and status of pending court cases. Users of the app will also be able to report accidents and criminal activities.

There is no system like this in place which makes the mobile application unique. TODS would improve the relationship between law enforcement officers and civilians, decrease the confusion for road users, make the public aware of criminals and out laws, put traffic offenders on alert, decrease the amount of unpaid licenses and tickets and it will make dealing with road collision much easier. The mobile app will increase capital by decreasing traffic crime.