TRANSPORT MANAGEMENT AND TRAFFIC REGULATION OFFICE MOBILE CITATION, TRAFFIC ADVISORY AND ACCIDENT QUICK RESPONSE NOTIFICATION SYSTEM

A Capstone Project
Presented to
The Faculty of the College of Computer Studies
Central Philippine University
Iloilo City, Philippines

In Partial Fulfillment
Of the Requirement for the Degree of
Bachelor of Science in Information Technology

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January 2018

ABSTRACT

The Transport Management and Traffic Regulation Office Mobile Citation, Traffic Advisory and Accident Quick Response Notification System uses some functions that are related to the recording of reports. The modules developed are: Officer Info (Profiling), Registration, Search, Traffic Advisory Updates, Violators Record, Accidental Record, Traffic Records, Violations List and Printing. By creating different modules for the officers/enforcers and administrator tasks leads to printing reports, updating and viewing of records. Administrators can access the for monitoring and approving of records used in the system. The officer can add new violators, submit record, add place, choose category, view records, choose recipient, add date & time, add status and send SMS. The officer can also view traffic records sent by a fellow officer registered in the system.

In the course that is conducted, the study and the development of the system allowed the proponents to use the PHP and MySQL. These were the tools used in the development of the system. Adobe Photoshop CS6 was used in designing the GUI. The methodology of the system is Scrum which is the suitable model for the system

Therefore the proponents conclude that the TMTRO Mobile Citation, Traffic Advisory and Accident Quick Response Notification System covers the traffic violations which includes over speeding, obstruction of traffic flow, illegal parking, overloading of passengers, no helmet that are being committed in the city of Iloilo. The officers is the one responsible in using the Mobile application during a traffic duration.