

‘e-Fine’

AN AUTOMATED TRAFFIC FINE SYSTEM FOR POLICE AUTHORITY, SRI LANKA

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Abstract

Motor traffic offenses are the most common type of violation of regulations in Sri Lanka. Due to the heavy number of violations, there has been a heavy burden on both the Government and the Police department of Sri Lanka in regulating and thwarting such violations. So, the most convenient solution identified by the Government was to impose various types of motor traffic fines. As a country which upholds and enhances Democratic values, any punishment or a fine should be of benefit to the citizens. In the context of fining process, there should be a proper and efficient way to pay a fine for an offense. Inefficient ways in upholding regulations could in fact hinder the development of a country.

On-the-spot Motor Traffic fine is the most common type of fine in Sri Lanka. Existing procedure of fine payment would be, when Traffic Police caught a person for a motor traffic violation and if it is coming under the on-the-spot fine category, the Police will issue a fine sheet while taking that person's Driver's License into Police custody. That person has 14 days to pay the fine to any post office in Sri Lanka and then go to the relevant Police station with the receipt. Finally, the person can get the confiscated Driver's License.

Based on the above-mentioned procedure, this project focuses to design and develop a digital way to settle the fine via a Mobile platform and a payment gateway. Additionally, this project especially aims to collect and visualize all the information related to offences in a centralized database, to take strategic decisions in an effective manner, rather than doing tedious paperwork. Optionally, a demerits system can be launched to reduce points from the offender, to avoid repeated violations of regulations.

Generally, this proposed project intends to create a system that can fulfil all identified requirements under the existing system of laws and regulations of Sri Lanka. Through results and evaluations, it is evident that this proposed system can fulfil many loopholes that occur in the current manual process. Thereby, a higher productivity is achieved more efficiently.

Keywords – Traffic, Spot Fine, Violation, Violator, Driving License, Police Officer, Mobile Application, Web Application