Information System Design for Monitoring Violations of Traffic Signs

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Abstract

Many people who have not realized traffic, in this case violations of traffic signs are prohibited from parking. It can be found there are still many vehicles parked carelessly, while there are prohibited signs of parking. Vehicles that are arbitrarily parked, greatly affect the movement of vehicles, where vehicles that pass places with high activity, the rate of movement will be hampered by vehicles parked on the roadside, so this can potentially cause congestion. So far, sanctions and actions against traffic violators, especially vehicles parked carelessly, are not carried out because it is difficult to know the violations that occur. The absence of a rapid information system for officers related to parking violations causes congestion in the area and this condition continues and this very annoying for road users. The purpose of this study is to make a free web-based parking detection system with fast information to the Transportation Agency officers. The expected results of this study are information in real time by the Department of Transportation staff if traffic violations occur.

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**Index Terms**

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