

Driving Guideline Management System

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Road accidents have become a hazard in today's context. Road accidents occur when vehicles collide with each other or with pedestrians or objects on the road. These accidents can result in injuries, fatalities, and property damage. Several factors contribute to the occurrence of road accidents. Nearly 75% of road accidents happen due to careless drivers. Road accidents caused by careless drivers are unfortunately a common occurrence. Road signs play an important role in people's daily life. However, the effectiveness and performance of intersection traffic control/Road signs are greatly influenced by many factors, including The type of information on road signs, the extent and comprehensibility of that information, driver behavior characteristics, road geometric characteristics, and weather and visibility conditions. Just because a person has a clear, legible, and understandable road sign on the side of the road doesn't mean drivers will recognize the sign's message. Therefore, the implementation of Driving Guideline Management System (DGMS) will be beneficial for the whole of society. When installing road signs, it is necessary to clarify whether the installation of driving guidelines is justified. Under this project, can investigate and evaluate the effectiveness of Driving Guideline Management System using simulation experiments.

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