

charged so they can speedily seize further actions of paying the penalty charged.

Efficient and Safety transportation plays a significant role when considering major developments of a country and it is a very important fact which every country ought to have gained in order to obtain the fully developed status. Project TRVDS will going to be a worthy system to improve the efficiency and the safety of the road of Sri Lanka as well as the future road development projects of Sri Lanka.

Future work

- Increase efficiency of the feature extraction method.
- System capability improvement to identify the Old Number Plates.
- Add more useful features to the main System that can help to the Operators.

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REFERENCES

- [1] David J. Roberts and Meghann Casanova, *Automated License Plate Recognition (ALPR) Systems: Policy and Operational Guidance for Law Enforcements*, Washington, D.C.:U.S. Department of Justice, National Institute of Justice, 2012.
- [2] 'Automated traffic violation monitoring and reporting system', <http://www.google.com/patents/US6546119>, [Accessed: January 17, 2014.]
- [3] Automatic penalty charging for violation of traffic rules', <http://www.ijareeie.com/upload/february/4AUTOMATIC%20PENALTY.pdf>, [Accessed: January 17, 2014.]
- [4] 'Embedded System for Automatic Traffic Violation Monitoring and Alerting', <http://www.ijais.org/archives/volume4/number2/273-0658>, [Accessed: January 17, 2014.]
- [5] Rafael C. Gonzalez, Richard E. Woods, and Steven L. Eddins, *Digital Image Processing Using MATLAB®*, Dorling Kindersley (India) Pvt. Ltd., 2009, pp. 15-25.