

Rancangan sistem informasi tilang elektronik terintegrasi berbasis automatic number plate recognition anpr studi kasus pelanggaran jalur bus transjakarta = Design of information system integrated electronic ticketed based on automatic number plate recognition anpr case study on violation transjakarta busway

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Abstrak

Penelitian ini membahas rancangan sistem informasi tilang elektronik yang terintegrasi berbasis automatic number plate recognition ANPR sebagai upaya deteksi pelanggaran lalu lintas di jalur Bus Transjakarta. Tujuan penelitian ini menghasilkan rancangan sistem informasi tilang elektronik dengan melekatkan sanksi denda maksimal. Metode penelitian yang digunakan adalah kualitatif eksploratif dengan melakukan observasi lapangan untuk mengetahui permasalahan, menganalisis data, dan menghasilkan rancangan sistem informasi tilang elektronik yang terintegrasi.

Kesimpulan penelitian ini adalah rancangan sistem informasi tilang elektronik terintegrasi berbasis automatic number plate recognition ANPR mampu memberikan suatu bentuk sistem pengawasan, penegakan dan penindakan pada setiap pelanggaran lalu lintas pada jalur Bus Transjakarta. Penerapan sanksi denda tilang maksimal kepada pelanggar jalur Bus Transjakarta dan pemilik kendaraan bermotor merupakan bentuk upaya pencegahan pelanggaran lalu lintas pada jalur Bus Transjakarta serta sarana edukasi sehingga mampu meningkatkan kepatuhan pengendara kendaraan bermotor terhadap peraturan yang berlaku.

.....This research discusses the design of information systems integrated electronic ticketed based on automatic number plate recognition ANPR in an effort to detect traffic violations on Transjakarta busway. The purpose of this research is building the design of information systems of electronic tickets by embedding the maximum financial penalties. The method used in this research is a qualitative exploratory that going to field to know the problems, analyze data, and produce design information system integrated electronic ticketed.

The conclusion of this research is resulting information systems integrated electronic ticketed based on automatic number plate recognition ANPR that able to provide a nature of system monitoring, enforcement, and prosecution on any traffic violations on Transjakarta Busway. The application of maximum financial penalties tickets, to the violators Transjakarta Busway and vehicle owners, is a nature of prevention of traffic violations on Transjakarta Busway and as an education to increase society compliance with regulations.