ABSTRACT

DESIGNING INFORMATION SYSTEM FOR SMS GATEWAY-BASED MOTOR VEHICLE TAX

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The objective of this research was to design information system for SMS Gateway-based motor vehicle tax. This information system was made to be able to access by Short Message Service (SMS). Autoreply feature in SMS Gateway enabled this information system to directly reply received message automatically. Motor vehicle owners would just submit SMS request in predetermined format, and then the system would send information of motor vehicle tax (PKB) and cost fee for changing owner identity (BBN-KB). This system was designed with PHP programming language, MySQL database, and Gammu as SMS Gateway configuration.

Key Word: Autoreply, SMS Gateway, Motor Vehicle Tax (PKB).