

## **ABSTRACT**

*Demanding for communication when the pulse is very important by everyone. Sales also has many kinds pulse. Start with a pre-paid (either in the form of electrical pulses and physically recharge voucher cards) and pay, purchase credits through the ATMs, and others. But at its core community needs in a flexible toll charging, ie charging pulse that can be done anytime anywhere without complicated payment.*

*SMS Gateway is one of the SMS service that enables receiving SMS from many numbers simultaneously and automatically reward (Autoreply) from the server created. One of application is an SMS Gateway can be applied to the charging pulse with just an SMS to a pulse counter. Therefore in this final project I am applying a pulse charging system based on SMS Gateway and Web Application in which users can conduct transactions toll payments via SMS Banking and Internet Banking, as well as Sub-Agent Admin can do the checking and credit sales database modification via Web Mobile or anywhere else, usually called Remote Login. This system consists of Pulse Dealer Server, Counter Pulse Server containing a database of customers, the Bank Server, and User. The logic flow of the design as an SMS Trigger created with Dreamweaver and HeidiSQL interconnection as Design Tools, Software Applications with Gammu SMS Gateway and Modem Device tranceiver Itegnio as SMS.*

*The results of this project is the users can make purchases via SMS and web media in an efficient and effective, because the result of good performance measurement system, can be seen from the time required for requests received pulse by the user until the requested credit is 17.196 seconds .*

*Keywords: Remote Login, SMS Banking, SMS Gateway, Gammu, PHP - MySQL*