

ABSTRACT

People's developing enthusiasm about "stock" have made a vast growth on stock market. Stock already became a choice for investor to put their money as an investment. To help them manage their portfolio, investor use securities. It has made securities must compete to get more customer and satisfy them. So, the securities cannot only depend on their core services. Securities must have a value added services which can help customer with their stock, raise the image of the securities, and also to gain more profit.

Hence, by this final report, the author designs a Stock Information Support System with SMS Gateway based application as an alternative of value added services for securities, in this case are Valbury Asia Securities.

There are several phases that need to be done to solve the problems in designing the stock information support system. The phase divided into five phases, which are Early Research, Existing System Analysis, Designing, Testing and Evaluating, and the last is Conclusion and Recommendation. The early research includes the problems formulation statement and objective determination, and the next phase is literature learning about stock, SMS Gateway, GSM Modem, and value added services. Then study of the existing system in the securities are done to find an alternative of value added services, which is based on SMS Gateway. The next phase is designing the system, consist of : server program, client program, and the SMS services. Then coding the design with Visual Basic 6 and PHP. On to the next phase is implementing and analyze the system to make sure whether the system operates as planned, to eventually reaches the conclusion and recommendation phase of the system.

This stock information support system which based on SMS Gateway have support information search process and order by customer process. Application made with an interactive user interface, user friendly menu, and decent facility. With the advantage of hardware and software, the early purposes can be fulfilled.

Concluded based on the research, the system could give an actual information, an easy access, and a self improvement media for customer. It can also raise the securities value in customer's eye, and make profit too . With continuous development, the system will give more value added to the securities.

Key Word: Stock, Value added services, SMS Gateway, GSM Modem, Information System.