ABSTRACT

Nowadays the development of Internet Technology supports the online investment system thus, enables anybody to invest at the stock exchange at anytime and anywhere. The easier ways of collecting information on stock's prices progression, emitents, and fundamental information including economy, government policies and product trends by Internet and particular newspapers, have been made many people familiar and participate on this type of investment.

Hence, by this final report, the author designs the Stock Simulation System Version 2.0, which is the development of the existing stock simulation at the Business Simulation Laboratory as a tool for simulation learning on safe investment before doing the real Stock Investment.

There are several phases that need to be done to solve problems in designing stock simulation system. The phases to be done divided into five phases generally, which are First Research, Existing System Analysis, Designing, Testing & Evaluating, and the last is Conclusion & Recommendation. The early research includes the problems formulation statement and objective determination, and the next phase is literature learning and study of modeling existing system in the laboratory for the designing phase. The next phase is designing the system by making the simulation and coding design. On to the next phase is analyzing and implementing the system to make sure whether the system operates as planned, to eventually reaches the conclusion and recommendation phase of the system

This final report is divided into six chapters. Chapter One describes the problem background, objective of the study, limitation of the study, and the aim of the study. Chapter Two describes the stock and stock exchange basic theory, design method, and structured analysis. Chapter Three describes the conceptually modeling system. Chapter Four as the core of this study, related to the system designing and continued to the result analysis and function described in chapter Five. The last chapter, which is chapter Six, describes the conclusion and recommendation of the final report.

Concluded based on the research, the stock simulation system can be used as a tool for learning before stock investing, such as doing order until transaction, news analyzing, graphic analyzing, portfolio analysis, IHSG analysis, and user distribution analysis accumulation. Within the theoretical training of the stock exchange and the stock transaction, this application will give advantages for users.

Key Word: Stock, Order, Transaction, Information System.

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