# ABSTRACT

Currently, computer technology has been widely utilized in every part of business. In this System Development Project, the concept of computerized system is applied to improve the existing order processing system operations. The principal purpose of using the new system design is to reduce redundant processes, to improve the working approach, to increase competitive advantages against rivals, to create better services, and to provide more accurate and up-to-date information for management. The system analysis phase covers several tasks such as studying the existing system functions, identifying the current problems and areas that have to be improved and organization planning. The system design phase includes the design of the new system that is presented by using data flow diagrams, structure chart, entity relationship diagram, data dictionary, database design, input form, output form, screen layout, process specification, and cost-benefit analysis to improve and solve the problem areas in the existing system. The scope of the project concerns customer order, customer information management, product information management, invoice document, generating reports, etc.

The new system also uses the concept of client/server computing that will store data in the file server to be shared among any parts of operations. Moreover, the relational database management concept is applied to design database and the software is built by using the concept of visual programming that can make user interface more friendly. Thus, this project intends to provide a better solution to the existing problems and increase the efficiency of operations by applying a computerized system.