

## ABSTRACT

The most important success factors are Quality and Price. The competition of every business sector is very high so the concentration in quality and price are the necessary factors, especially, in garment business which is quite cumbersome in the way of details of products and is labor intensive. Therefore, quality is not related to just the quality of products, but also to the quality of people and system that would combine together to produce the highest quality products. As the system is very important, A Bill of Material System should be one of the major systems. Due to the varieties of products as finished goods, product formulas and raw materials, the Inventory and production departments would need a computerized system to manage all kinds of products efficiency and effectively.

This system development project is conducted to improve the existing inventory and production systems which are used to be done manually and in an unorganized way. For the company, Inventory and production systems were used as a whole company system. Considering these and many other problems, the proposed system was designed to provide efficient and effective information of production and inventory. The most important key of this project is that it is easy for the operation staff to understand the way to operate the system and make it effective.

The new system is designed for being as a competitive advantage to the company business. This system covers the analysis, design and implementation of Inventory Information System. It is also implemented with a user-friendly interface, therefore, the company can gain benefits from the proposed system.