

ABSTRACT

BPJ Garment Co Ltd. is a clothes manufacturer which has been operating since 1988. Its main products are baby wear, children wear and night wear. It is one of the longest manufacturers which has distributed products to support most of the department stores in Thailand. However, due to changes in external forces: changes in consumers' demands and inflow of new competitors to the market, BPJ is obliged to improve its overall operating system in order to establish a long-term competitive advantage. Because every production process relies mainly on human resource and the staff in the company have been continually increased, this project will focus on human information system and payroll system – the two most important systems which directly relate to human resource.

The existing human information is recorded on paper and stored manually. Unsurprisingly, the process is time-consuming and costly; yet, the stored data is inaccurate and hard to be updated. The payroll system, in the same way, is prepared manually on paper. The workers' working time is checked and collected by the staff. Afterwards, wages are calculated using calculators. As a result, there are calculating errors which cause severe loss to the company.

With the proposed system which is based on Visual Basic, human information can be stored in Microsoft Access which requires less time and staff. Moreover, the data will be more reliable and easier to be retrieved. Similarly, the payroll system is computerized. Calculating errors would be diminished by the automatic calculation provided by the program.