Abstract

As we know, the implementation of information system is not smooth as planned. The gap between management perspective and technical perspective is quite large, and often cause many problems. These thesis discuss about the gap between them in computerised workflow system, how we can archive computerised workflow system which contributable strategically to company.

Porter value chain analysis is well known and recognised by many management scientists as a strategic analysis tool to analyse the company business model in order to contribute improvement in competitive advantage.

We tried to utilise Porter value chain to analyse the company in management perspective, therefore we utilise workflow analysis tool to design the workflow system. Finally, we are using Petri Nets analysis because it is already proven that it contributes significant advantages such as easy to learn and vendor independent.

Case study at PT. JK proves logically to us that Porter value chain can be used as preliminary analysis before workflow analysis.

Keywords: computerised workflow, petri nets, porter value chain.