ABSTRACT

PTPN XI is one of BUMN which holds Plantation Sugar Industry. In running its business, PTPN XI requires Information System (IS) and Information Technology (IT) to increase company performance. However, the availability IS and IT which is not integrated becomes an obstacle in increasing the company performance. Another obstacle is that there is no planning of the development of IS/IT in detail.

To respond this problem, PTPN XI must have the strategic planning of an accurate and appropriate IS/IT to the company business strategy. This study, makes strategic planning of IS and IT which has strategic formulation process. It is done in some stages. Firstly, understanding recent condition by analysing both business and environment externally and internally of IS/IT then it is followed by SWOT analyses. Secondly, to interpret future needs, it uses Value Chain and critical success factor analysing. Finally, there is a stage to analyze the gap between recent condition and IS needs. The results are used to arrange strategies of IS business, IS/IT management, IT and portfolio of future application needed by PTPN XI.

Keywords: strategic - planning of IS/IT, strategic formulation of IS/IT, Ward and Peppard Method, PTPN XI, Value Chain Analysis, CSF.