

ABSTRACT

The world today is heading into the era of digitalization. This will be the main key in competition in the business world, no exception in the supply chain management sector in a company. Data retrieval and use is one of the elements used for an organization's decision making in this digitalization era. Management system of information technology will greatly influence the supply chain management of a company. Management system of information technology has high security, where data is difficult to manipulate, but transparent, where users can easily check the validity of data. Some of the applications of Management system of information technology include digital currencies, smart contracts and supply chain management. This research uses qualitative method, which aims to analyse the influence of Management system of information technology in supply chain management of PT. Xyz. The data collected in the study was through unstructured interviews and studying documents provided by the company. And the results of this study use Unified Modelling Language to model the process of running a management system of information for the supply chain of PT. Xyz. Activities performed in the Use Case Diagram are sign up, log in, fill in content, transactions, shipping, validation, and return of goods. The actors here are SCM staff, directors and consumers. With the creation of this system, the transaction process becomes more secure, organized and transparent. With this Management system of information technology, it has a positive influence on pt. Xyz.

Keyword: Management system of information technology, supply chainmanagement