Abstract

Currently, many companies are using information systems in order to support the business processes carried out by the company. But in fact only a few companies who do an evaluation of business processes in information systems. Evaluations were conducted to generate data useful Event Log which is the result of the extraction process of Enterprise Resource Planning (ERP) for the evaluation of business processes which are owned by a company. The method to evaluate it is using Process Mining. Process Mining is useful to deepen the process of forming a transaction in the form of a Petri Net workflow resulting in actual business processes. Petri Net itself is a ilustratrion of a form of business process workflows, after that Petri Net will be an analysis to determine the suitability of the algorithm with the models created.

With the prom Tools then the ilustration of the ERP business processes can be formed. The ilustration of the models using algorithms that are at the prom Tools and then adapted to the business processes of ERP Goods Receipt Lotte Mart in Bandung. The model is formed and then made comparisons have found that *Heuristic Miner* Algorithm depiction proper and appropriate in describing the business process flow that is contained in the *Goods Receipt* Lotte Mart Bandung

Keywords: *Process Mining, Event Log, Petri Net*