

ABSTRACT

PT. Wika Industri Manufaktur (WIMA) is a company engaged in the manufacturing and product assembly industries, especially electric motorcycle products. The request for goods at PT. WIMA has a high number every day. Therefore, it can be seen that the level of material mobility in the warehouse during goods production is very high every day; almost hundreds of materials enter and leave the warehouse. In the production process, in general, the frequency of recapitulation of material expenditure data carried out by warehouse staff is higher than the recapitulation of the amount of incoming material. Meanwhile, data on material expenditure in warehouses during the production process is really needed for monitoring costs incurred by a production company. The method used is the Business Process Improvement (BPI) method. This research tries to improve the flow of business processes, evaluate activities, and model activities. This method is carried out using streamlining tools that aim to simplify business processes with the aim of increasing their effectiveness, efficiency, and adaptability. The results of this research show that there is a difference in the existing and proposed cycle times of the goods dispensing process of 10.35 minutes. The existing cycle time efficiency was found to be 58.073%. Meanwhile, the proposed cycle time was found to be 83.655%. Cycle time efficiency increased by 25,582%. Apart from that, the proposed improvements can overcome the problem of dispensing goods, which is still done manually.

Keywords: Business Process Improvement, Streamlining, Cycle Time