**ABSTRACT**

*CV ASD is a company engaged in the field of indoor game entertainment that provides playgrounds and game services. CV ASD must ensure a sufficient supply of redemption prizes. Redemption prizes are prizes that are obtained through the exchange of points or special virtual currencies. However, there is a problem, namely the costs incurred when carrying out stock opname activities. Stock opname is an activity to estimate the physical amount of inventory contained in the warehouse to be compared with the amount of inventory recorded in the system. The problem that occurs is the excess cost of stock opname activities, which is caused by the calculation of all SKU stocks carried out at one time and the cost of implementing stock opname.*

*After an interview with the CV ASD admin, it turned out that this happened because CV ASD currently does not know how to calculate product SKUs in accordance with inventory management policies. The second factor is overtime costs and food costs. The cause of overtime costs and food costs is stock opname activities carried out outside working hours. Following up on the problems in the first factor, namely the calculation of SKU stock carried out at one time, where stock opname activities are carried out outside CV ASD's working hours, namely at 22.00-06.00, requires CV ASD to spend a considerable amount of Rp550,000 per stock opname implementation in order to support the smooth running of activities, causing these costs to be minimized so as not to exceed the predetermined cost limits. Therefore, a stock opname policy is designed to minimize the cost of stock opname activities and the business process design of the proposed stock opname policy at CV ASD. The methods used in this research are the cycle counting method and ABC analysis, as well as Business Process Improvement.*

*Cycle counting is an inventory accuracy analysis technique that allows companies to count inventory on a scheduled cycle basis. ABC analysis is a method of classifying items based on the level of value of an item starting from items with the highest value, items with medium value, and items with the lowest value. Business Process Improvement (BPI) is a systematically structured framework designed to support organizations or companies in improving the implementation of their business processes.*

*After the calculation and analysis, a stock opname activity policy is obtained, namely the stock opname activity policy, which per day is calculated as many as 12 product SKUs and per month is calculated as many as 313 product SKUs, and per year is calculated as many as 3441 product SKUs. The results of the calculations and analysis that have been carried out, the proposed cost of stock opname activities is Rp130,000, with the existing cost of stock opname activities amounting to Rp550,000, this shows that the proposed stock opname activity policy can minimize costs by 75%. In addition, related to the cost set by CV ASD for stock opname activities, which is IDR 400,000 and the proposed stock opname cost used is IDR 130,000, saving costs by 67.5% of the set cost, so that it does not exceed the cost limit set by CV ASD. In addition, after calculation and analysis, the total time of the proposed stock opname business process is 467.9 seconds, with a total time of the existing business process of 616.8 seconds, indicating that the proposed stock opname policy business process can minimize time by 24.14%. In addition, after calculating the existing stock opname cycle time, the result is 0.58, and the proposed stock opname cycle time is 0.76, an increase of 0.18, so that with the proposed business process, the existing business process not only decreases activity time, but also increases the efficiency of CV ASD's business process work time.*