

ABSTRACT

Disasters can take the form of conflicts, crises, and natural disasters. Disasters often strike suddenly, claiming many lives and causing enormous material losses. Indonesia is one of the countries prone to natural disasters and crises, partly due to its geographical location on the edge of the Pacific Ocean, where there are many tectonic faults and volcanic activity. Efforts to mitigate and reduce the impact of disasters by providing aid to disaster victims are part of Humanitarian Supply Chain activities. The West Java Provincial Disaster Management Agency (BPBD) is a state institution responsible for regulating all Humanitarian Supply Chain activities in West Java. In the four years since it began its activities, BPBD West Java has not been able to fully meet the demand for aid supplies. This problem is caused by the low adequacy of aid due to budget constraints in meeting disaster relief needs and other matters. However, this has not been sufficient to meet aid supply needs, so other solutions are needed. The design of an ERP system can be a solution for the West Java BPBD, as an ERP system can reduce expenditure costs. Specifically, designing an ERP procurement module system for procurement process efficiency. Therefore, this research will focus on designing an ERP procurement module system using the Quickstart methodology that can be integrated with other modules. By designing an ERP procurement module, there will ultimately be a reduction in costs from 23% to 9%.

Key words: Enterprise Resources System, Humanitarian Supply Chain Management, Procurement, Quickstart