

## ABSTRACT

*PT Sarana Tunas Niaga faces problems in managing stock of goods, especially in recording and monitoring the use of production materials for making incinerator machines. The recording system which is still done manually causes waste of materials, with expenses reaching around IDR 100,000,000.00 in one months. Therefore, a web-based information system is needed that can help companies manage stock more efficiently. The aim of this design is to build a stock management website that can record incoming and outgoing goods in real-time, provide automatic reports, and increase transparency in the use of production materials. By implementing this system, it is hoped that PT Sarana Tunas Niaga can reduce waste, increase operational efficiency and optimize production budgets.*

**Key words:** stock management, web applications, production efficiency, information systems