

ABSTRACT

Stonewoods is a micro, small and medium enterprise or SME. Established in 2013, Stonewoods is engaged in the production of guitar and musical instruments, using the Made-to-Order sales method as its sales system. In every business process in Stonewood it is known that there are still some obstacles, such as mistakes in ordering to suppliers, and also incomplete data collection of raw materials can lead to delays in production. This is also due to the absence of an integrated system in the company that can help Stonewoods in managing the company.

Therefore, in response to problems with the company, an application or system is needed that can integrate all activities within Stonewoods. The application or system is ERP (Enterprise Resource Planning) using Odoo. Odoo is an ERP software that is open source and suitable for use by various types of companies. Based on the problems obtained, this study focused on the Purchase and Warehouse Management module. In its development, the Accelerated SAP (ASAP) method was used by analyzing literature studies, observational studies, and the existing conditions of the company in order to better develop the system.

The results of this study are expected to be used to help companies overcome problems related to the procurement of raw materials by using an Odoo based ERP system that can integrate all parts and processes in the Stonewoods company.

Keywords: ERP, Made-to-Order, Purchase Management, Warehouse Management, Odoo, Accelerated SAP.