

## **ABSTRACT**

*CV. Kembar Mekar is a manufacturing company in the supply of feed raw materials. CV. Kembar Mekar is a small scale company with 21 employees. One of the business processes that exist on the CV. Kembar Mekar is accounting business process in the accounting department. The accounting business process in the company includes the activity of recording and printing of accounting statements of purchase and sale as well as corporate financial statements. But it does not make the accounting doesn't have problem. Problems contained in the accounting is don't have an integrated system between the accounting department with the production, procurement, and sales. This is shown by the difference of transaction data and duplication of corporate transaction data. All transaction recording activities and financial statements on CV. Kembar Mekar already using a accounting system that is Microsoft Excel 2003 so that financial statements can not be analyzed or printed in real time.*

*Based on the above explanation, there must be an enterprise resource planning (ERP) system development in CV. Kembar Mekar. The development of an ERP system using an open source based application that is Odoo 9.0. The development of the ERP system is supported by Accelerated SAP (ASAP) Methodology. The ASAP methodology is a research method that can help design ERP implementation in the most efficient way in which the goal is to optimize time, effort, and resources effectively.*

*The results of this system development is to help resolve problems in the accounting in order to process the accounting in the company can be integrated. Development of accounting module on CV. Kembar Mekar with the appropriate business process will help the accounting department to improve performance in making and printing financial statements.*

*Keywords: ERP, Accounting, Odoo, ASAP Methodology*