

ABSTRACT

DESIGN OF SMART SME ERP SYSTEM BASED ON DOLIBARR IN ACCOUNTING PROCESS USING ACCELERATED SAP METHOD

By

ALIFYA CALLISTA MAHESWARI

1202184230

Small and Medium Enterprises or SMEs are activities that are in demand by the Indonesian people to build their own businesses. The role of SMEs also helps in the Indonesian economy, besides that SMEs can also create jobs to help themselves and others, therefore, the number of SMEs development increases from year to year. There are several things that must be considered by SME owners, one of which is to manage and record the appropriate financial results reports from these SMEs. There are still some problems in managing and recording reports, for example, financial reports that are not detailed or errors in report information due to human error, therefore, with technological developments, manual financial reporting is starting to be considered ineffective and inefficient, thus creating several solutions that can support the accounting process in these SMEs.

The solution for recording and making financial transactions for SMEs is to design an ERP system, namely a smart SME system using an open source application in the accounting process, the application is the Dolibarr application, an open source ERP application that allows fast development and is a management software solution free. The goal is for SMEs to be able to obtain reports on financial results automatically, structured and in real time. The research method in designing this ERP system uses the Accelerated SAP (ASAP) method, which aims to support project management in developing an efficient SAP implementation by effectively optimizing time, people, quality, and other resources. The results of the research made are the design of the SME smart application that is in accordance with the requirements needed by the SME and the form that has been adapted to the SME smart application design.

Keywords: Smart UKM, ERP Open Source, Accounting, Dolibarr, ASAP Method, SME smart application design