

ABSTRACT

DESIGN AND BUILD BUSINESS PROCESS OF MATERIAL MANAGEMENT FOR PROCUREMENT ACTIVITY IN THE MINING INDUSTRY USING SAP S/4HANA (Case Study: PT XYZ)

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SAP provides many modules, an example is the material management module. Is a module used for inventory management and as a process of procurement. The material management module will relate to other modules such as, controlling, purchasing, and plant management. Procurement is a process for managing the inventory process until an invoice receipt is formed. The process of recording the procurement of goods or procurement must also be carried out accurately and in real-time so that no late activities occur. Procurement activities need to be carried out in real-time because each process is interconnected, the material management module can help reduce the risk of errors in data collection and production and procurement and can be easily controlled through one system.

PT XYZ is a company engaged in the mining sector and has many subsidiaries, in order to be able to manage all operational activities and processes, especially in procurement, it is necessary to implement the ERP material management module in order to reduce the risk of errors or delays in information on an activity or process that runs every time. day. Later it can be easily integrated with other modules and get accurate and real-time computer-based information. The result of this research is the implementation of the SAP material management module in the Procurement process using the accelerated SAP (ASAP) method.

Keywords: Implementation SAP, ERP, Accelerated SAP (ASAP), Material Management, Procurement Process.