

ABSTRACT

PT. XYZ is one of the biggest company engaged in the field of public transportation service such as transport of goods and human transport that have been operatin in almost all regions of Indonesia. With the increasing of the PT. XYZ customer, the company always try to give the best service to them using all of the company's facilities. To make sure the optimalization of the customer service, company need to take an action to maintain asset with controlled and good treatment.

Unstructured asset class and unintegrated asset management module with plant maintenance module cause the disruption of the process of budgeting for doing asset maintenance that can affect directly to performance and service that provided to the customer.

PT. XYZ is considered appropriate to implement SAP, because the company is categorized as mid-size enterprise with a revenue in 2017 of Rp 19.95 Trillion. So it is comparable to the cost incurred for SAP implementation. Based on these problems, the design of SAP-based information systems is one solution to solve existing problems at PT. XYZ, which generates Plant Maintenance module design, and is expected to provide standard operational procedures for asset maintenance at PT. XYZ.

Keywords: ERP, SAP, PM (Plant Maintenance), Transportation.