

ABSTRACT

Enterprise Resource Planning (ERP) is a system that supports business processes by providing integrated information within the company. The use of ERP is important to achieve competitive advantage. Companies play a role in producing goods/services, managing resources, and having subsidiaries for expansion. Subsidiaries are controlled by the holding company. PT XYZ is a holding company engaged in the pharmaceutical sector which has several members as its entities. The entities of PT XYZ do not yet have a system that supports the joint procurement process carried out by the procurement division. In providing reports on the members of PT XYZ to the parent PT XYZ, the recapitulated data is collected in Microsoft Excel format. Therefore, PT XYZ plans to apply a centralized ERP system in order to realize integration between components that can support PT XYZ to achieve its goals. To fulfill PT XYZ's planning, an analysis is needed that examines the existing ERP systems in PT XYZ members, namely Dynamics AX and SAP. This research uses an SAP-based ERP system that uses a solution model in order to match existing state capabilities and provide solutions. This research is based on the ERP Implementation Framework with two (2) stages, namely project preparation and technology selection. The results of the research have six (6) focuses that are applied at the implementation stage. After the research was conducted and a solution model was made, validation was carried out to PT XYZ by assessing the six (6) focuses, namely organization and people, process, data, application, and infrastructure. Each focus has an assessment and the results of this research were approved by PT XYZ.

Keywords— ERP, SAP, Procurement, solution model, ERP Implementation Framework.