

ABSTRACT

Based on the development of information technology in this era of globalization, it takes an information system that would be able to support existing business processes in the company. One of the benefits of information systems in the organization is to improve the accessibility of existing data in real-time generating an accurate information. PT XYZ is one of the State-Owned Enterprises of the Republic of Indonesia engaged in construction sector. PT XYZ as one of largest Construction Companies in Indonesia, with 1.97 trillion rupiah total annual income in 2016 and obtained a new project contract with total amount up to 32.60 trillion rupiah.

One of various project activities held by PT XYZ is construction and heavy equipment rental. To follow up the problems that exist in PT XYZ, that is considerable amount of employees who continue to increase significantly and frequent number of new contracts are increasing. Therefore, an information system based on Enterprise Resource Planning (ERP) is required. With the integrated information system PT XYZ can exchange data in real-time. One of the most widely used ERP software today is System Application Product (SAP).

SAP has a Project System module product that is expected to be a solution for companies to acquire a project management system that suffice the needs of the business processes it runs, so that the achievement of the objectives of the project and the project itself will run in accordance with a predetermined schedule. Through this module, the project can be managed more efficiently and can realize an integrated and real-time system in conjunction with project management activities in the field of construction. In addition, by implementing SAP Activate implementation methodology, will accelerate the company to apply SAP system considering the SAP Activate is guided directly on best practices owned by SAP.

Keywords: ERP, SAP, Project System, SAP Activate