

## ABSTRACT

*PT. XYZ is a company that engaged in transportation services. Services provided by PT. XYZ includes passenger transportation that divided into executive class, business class, economy class, local train, commuter, airport train, and tourist train. In addition, there is freight transportation that divided into container train, fuel train, fertilizer train and fast freight train. In making decision about investment, PT. XYZ must consider about their financial condition so that investment can be carried out and become profits. Investment of PT. XYZ in 2017 consists of facilities, infrastructures, and assets with 10.947,40 billion of budget.*

*As time goes by, there are still many problems with investment report of fixed assets owned by the company, the absence of integrated system between investment and financial can lead to the making of investment report become more difficult, thus hampering the decision-making process in the company. Need of data and information regarding of assets is very important which every asset have its own depreciation value and treatment method.*

*Therefore, PT. XYZ requires an ERP system with SAP Application because PT. XYZ itself is classified as enterprise company with high income and a large number of employees. The solution to this problem is by designing an ERP system with SAP S/4 HANA software and using SAP Activate methodology. With the implementation of ERP system, it's able to integrate investment and financial department also able to controlling the costs of procurement and funds in work units and ensure that the cost incurred not exceedd the planned funds.*

*Keywords: ERP, SAP, Controlling, SAP Activate, S/4 HANA.*