

## **Abstract**

**Yayasan Pendidikan Telkom (YPT) as a foundation in the field of education has several institutions with different information systems. Every information system in an institution has diverse business processes. Under these conditions, YPT will make a proposal for the iGracias YPT Group (xGracias) information system that is integrated with the institutional information system it supports. This requires an information system design that can integrate various diverse information systems into a unity. In this research, the Service Oriented Architecture (SOA) method is used in designing information system integration. Where every business process is built in the form of service-service. In modeling the service, REST Service Modeling Process technology is used to produce an integrated service design. The service that was built then tested to determine its priority using scenario quality attributes based on the characteristics of the ISO 25010 Model, include compatibility, maintainability, reliability, and performance with SOA experts as respondents. The test results show that all scenarios are included in tolerable criteria which means that all scenarios can be applied.**

**Keywords: Information System Integration, Service Oriented Architecture (SOA), REST *Service Modeling Process*, ISO 25010.**