

ABSTRACT

The involvement of information technology in organizations creates urgency in making IT investment decisions. With more than 30% of organizational spending on IT can end up in vain if not managed effectively (Klaver, 2023). The role of information technology as an important part of organizational operations makes the importance of effective IT management as well. One of the Educational Foundations in Indonesia is involved in non-centralized data management problems that are spread across various systems and units that hinder overall visibility, make it difficult to make data-based decisions, are time consuming, and increase the risk of errors in reporting and analysis due to data redundancy due to the absence of an inventory of assets (applications) in which there is personal data management as a basis for improving the security of information systems affecting the cyber security maturity aspects of the foundation. The importance of overcoming this problem is very much related to the compliance of the Education Foundation in the application of the PDP Law number 27 of 2022 concerning the protection of personal data making this mandatory for the foundation. Designing system integration with an Enterprise Architecture approach using TOGAF ADM version 9.2 in the Business Process, Data and Application domains helps overcome these problems to design effective integration between existing applications, data, and business processes, thereby enabling better coordination and synergy between the two.

Key Word—EA, Enterprise Architecture, Education Foundation, TOGAF ADM, Cyber Security Maturity.