

ABSTRACT

In the era of digitalization, the management of personal data in Indonesian upper secondary educational institutions has become a critical issue due to the increasing risks of data breaches and misuse. This study aims to design a secure personal data architecture compliant with the Personal Data Protection Law (UU PDP) using the TOGAF (The Open Group Architecture Framework) approach. The research focuses on educational institutions managing sensitive data, such as student information, academic records, and parental details. TOGAF is utilized to develop a structured data inventory and architecture, supporting regulatory compliance while ensuring data security and privacy. For comparison, the SABSA approach is also examined to evaluate different information security methods, though this study prioritizes TOGAF as the primary method. The expected outcome is a data architecture model that not only ensures compliance with UU PDP but also enhances the efficiency and security of data management in educational institutions. This study provides a systematic guide for educational institutions to manage personal data securely and structurally, thereby preventing data breach threats and supporting the implementation of national education standards.