

ABSTRACT

Digital transformation in Indonesia's healthcare sector is growing rapidly, driven by the need for more efficient, integrated and quality healthcare services. This transformation is supported by the Ministry of Health of the Republic of Indonesia through the Digital Transformation Office (DTO) to create a digital based health system that can be widely accessed by the public. The readiness of medical and health workers in understanding and applying digital technology is a key factor in the success of this transformation. Low digital literacy and digital capability gaps among medical and health workers are the main challenges that need to be addressed. This research aims to design an Indonesian Health Digital Capability Framework with a focus on the domains of digital professionalism and digital based health services. The research approach uses Design Science Research Methodology (DSRM), which includes the process of problem identification, define objectives of a solution, framework design, and evaluation through expert judgment, focus group discussion, and participant validation. This approach ensures systematic and structured solution development based on needs analysis and best practices. The research results in a framework consisting of domains, subdomains, indicators, and proficiency levels designed to improve the capabilities of medical and health workers in applying digital technology, adapting to digital based systems, and providing optimal health services. In addition, the framework is expected to support the implementation of the digital transformation strategy in Indonesia's health sector, improve service efficiency, expand public access to digital health services, and create a more inclusive healthcare environment. With the adoption of this framework, Indonesia can accelerate digital transformation, ensure optimal utilization of technology, and improve the overall quality of life of the people.

Keywords — digital based health services, digital capability, digital professionalism, framework, digital transformation